

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078817.D
 Acq On : 16 Apr 2024 10:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 22:29:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	134211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63780	50.709	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.420%			
35) Dibromofluoromethane	7.805	113	73183	52.527	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.269	98	291750	56.939	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.880%			
62) 4-Bromofluorobenzene	12.569	95	83165	55.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63237	50.625	ug/l	100
3) Chloromethane	2.152	50	103828	52.644	ug/l	99
4) Vinyl Chloride	2.287	62	149736	51.465	ug/l	96
5) Bromomethane	2.693	94	135189	48.530	ug/l	99
6) Chloroethane	2.840	64	120259	53.002	ug/l	96
7) Trichlorofluoromethane	3.175	101	126840	55.107	ug/l	95
8) Diethyl Ether	3.593	74	35260	52.468	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	68725	47.576	ug/l	99
10) Methyl Iodide	4.169	142	71272	41.711	ug/l	97
11) Tert butyl alcohol	5.052	59	15490	275.188	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	72153	52.544	ug/l	83
13) Acrolein	3.793	56	35311	400.462	ug/l	98
14) Allyl chloride	4.558	41	79468	51.864	ug/l	98
15) Acrylonitrile	5.246	53	69583	256.849	ug/l	97
16) Acetone	4.017	43	64627	265.714	ug/l	90
17) Carbon Disulfide	4.275	76	224228	49.809	ug/l	97
18) Methyl Acetate	4.558	43	25278	48.428	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	144134	52.047	ug/l	95
20) Methylene Chloride	4.799	84	79682	47.843	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	76851	47.429	ug/l	99
22) Diisopropyl ether	6.216	45	179595	51.553	ug/l	95
23) Vinyl Acetate	6.152	43	556105	272.903	ug/l	100
24) 1,1-Dichloroethane	6.105	63	124937	47.835	ug/l	98
25) 2-Butanone	7.075	43	83081	256.928	ug/l	97
26) 2,2-Dichloropropane	7.075	77	108880	49.272	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	87996	47.614	ug/l	97
28) Bromochloromethane	7.422	49	51407	55.207	ug/l	99
29) Tetrahydrofuran	7.440	42	47788	271.710	ug/l	99
30) Chloroform	7.593	83	135439	46.508	ug/l	100
31) Cyclohexane	7.881	56	101242	47.889	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	117787	47.672	ug/l	100
36) 1,1-Dichloropropene	8.005	75	96859	47.915	ug/l	99
37) Ethyl Acetate	7.169	43	33393	50.565	ug/l	99
38) Carbon Tetrachloride	7.993	117	109068	51.179	ug/l	97
39) Methylcyclohexane	9.275	83	117469	50.093	ug/l	98
40) Benzene	8.252	78	310778	50.858	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16337	47.206	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	73860	49.563	ug/l	98
43) Isopropyl Acetate	8.357	43	64865	54.009	ug/l	96
44) Trichloroethene	9.028	130	75927	45.785	ug/l	90
45) 1,2-Dichloropropane	9.304	63	69507	47.950	ug/l	100
46) Dibromomethane	9.393	93	41507	47.767	ug/l	98
47) Bromodichloromethane	9.587	83	103787	50.172	ug/l	95
48) Methyl methacrylate	9.381	41	30844	52.708	ug/l	99
49) 1,4-Dioxane	9.387	88	9042	1123.848	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	176086	280.448	ug/l	98
52) Toluene	10.334	92	200057	50.851	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	92428	48.869	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	110057	48.405	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	55810	47.962	ug/l	94
56) Ethyl methacrylate	10.599	69	65778	56.388	ug/l	96
57) 1,3-Dichloropropane	10.875	76	91066	48.501	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	134755	261.984	ug/l	99
59) 2-Hexanone	10.922	43	131525	282.577	ug/l	98
60) Dibromochloromethane	11.075	129	75279	52.458	ug/l	100
61) 1,2-Dibromoethane	11.181	107	53731	47.714	ug/l	99
64) Tetrachloroethene	10.810	164	65422	48.870	ug/l	95
65) Chlorobenzene	11.604	112	219173	51.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	75254	48.608	ug/l	99
67) Ethyl Benzene	11.681	91	372176	51.665	ug/l	98
68) m/p-Xylenes	11.793	106	302330	103.354	ug/l	99
69) o-Xylene	12.122	106	135743	50.155	ug/l	95
70) Styrene	12.134	104	245080	53.950	ug/l	99
71) Bromoform	12.298	173	41525	49.632	ug/l #	98
73) Isopropylbenzene	12.422	105	355389	49.147	ug/l	98
74) N-amyl acetate	12.234	43	64539	54.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	62621	46.781	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	39907m	47.163	ug/l	
77) Bromobenzene	12.698	156	84229	46.969	ug/l	96
78) n-propylbenzene	12.763	91	425902	48.388	ug/l	99
79) 2-Chlorotoluene	12.851	91	230018	47.637	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	288070	48.175	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21948	54.372	ug/l	97
82) 4-Chlorotoluene	12.945	91	249505	48.853	ug/l	98
83) tert-Butylbenzene	13.163	119	257264	49.896	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	296308	49.171	ug/l	97
85) sec-Butylbenzene	13.345	105	381830	48.936	ug/l	98
86) p-Isopropyltoluene	13.463	119	330207	49.435	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	179085	47.323	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	172474	46.246	ug/l	99
89) n-Butylbenzene	13.787	91	296176	49.096	ug/l	99
90) Hexachloroethane	14.051	117	64626	46.758	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	154241	47.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9098	50.807	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	88516	46.535	ug/l	97
94) Hexachlorobutadiene	15.198	225	45626	44.307	ug/l	98
95) Naphthalene	15.334	128	165294	49.982	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	78069	47.442	ug/l	98

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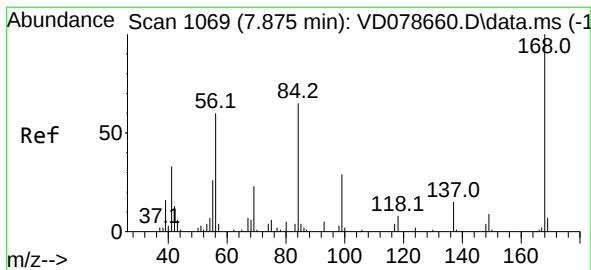
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 16 22:29:52 2024
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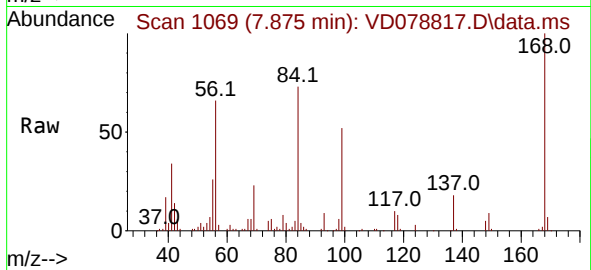
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

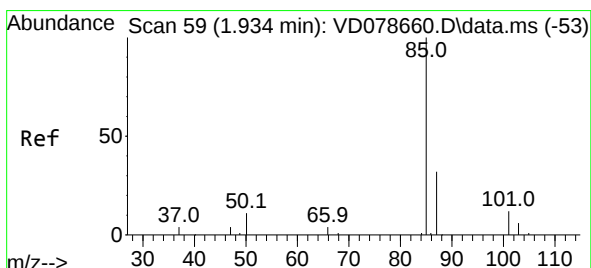
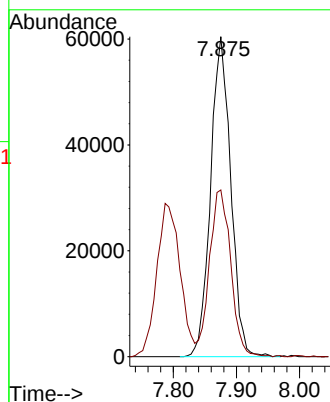
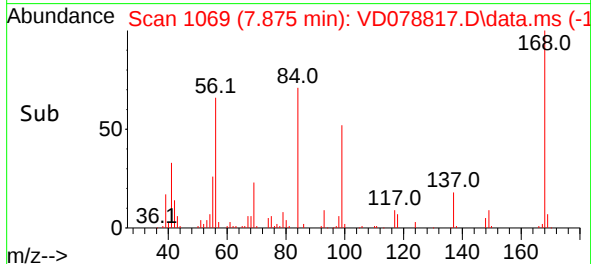
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13421
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2

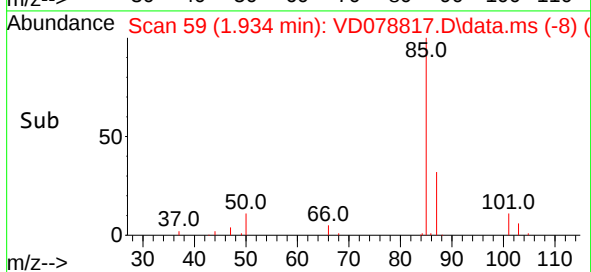
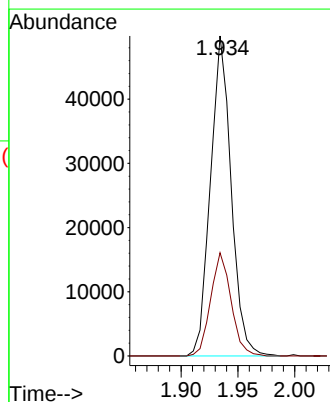
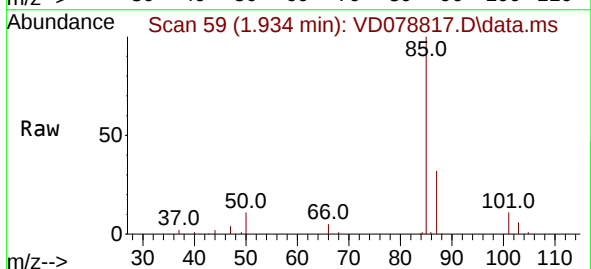
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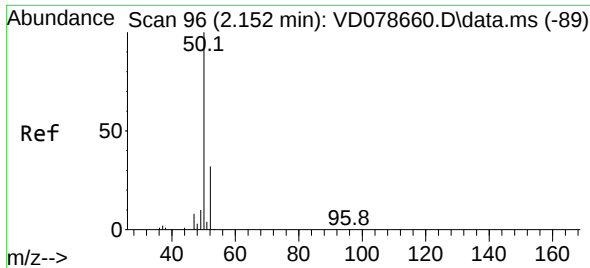
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#2
Dichlorodifluoromethane
Concen: 50.625 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

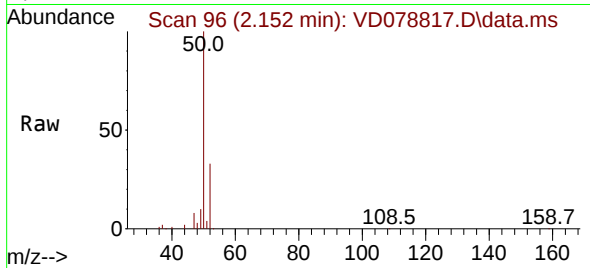
Tgt Ion: 85 Resp: 63237
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5





#3
Chloromethane
Concen: 52.644 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

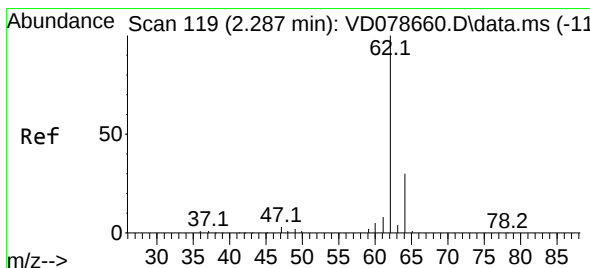
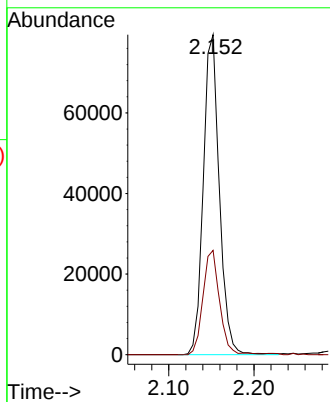
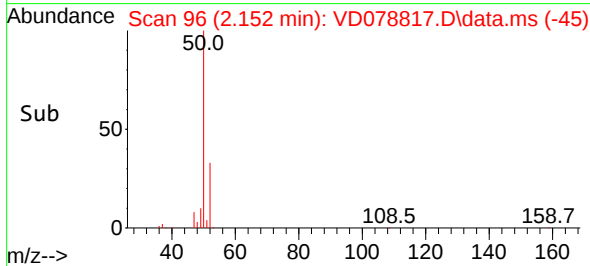
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VSTDCCC050



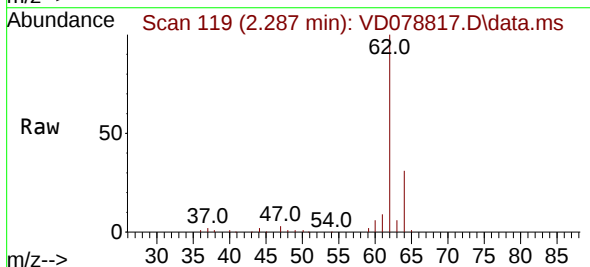
Tgt Ion: 50 Resp: 103828
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4

Manual Integrations
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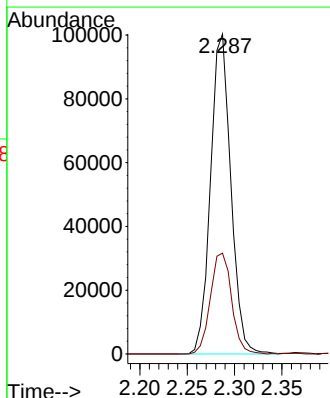
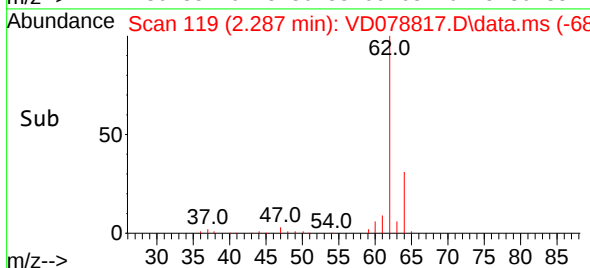
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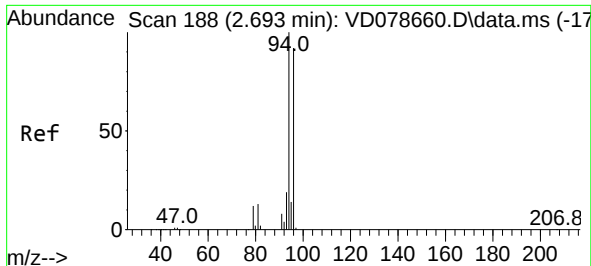


#4
Vinyl Chloride
Concen: 51.465 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



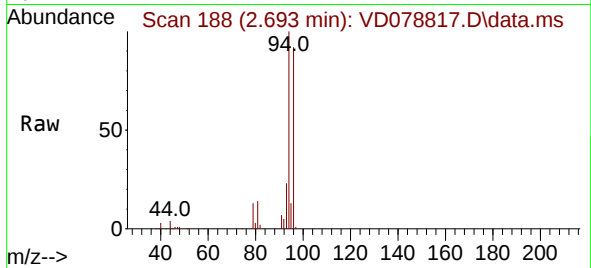
Tgt Ion: 62 Resp: 149736
Ion Ratio Lower Upper
62 100
64 31.5 23.7 35.5





#5
Bromomethane
Concen: 48.530 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

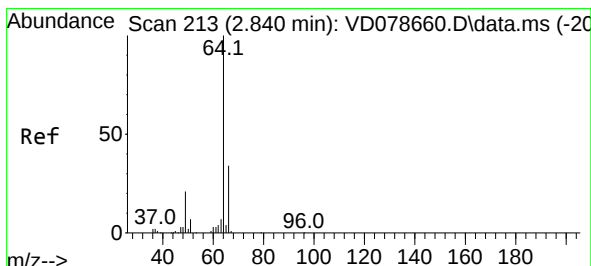
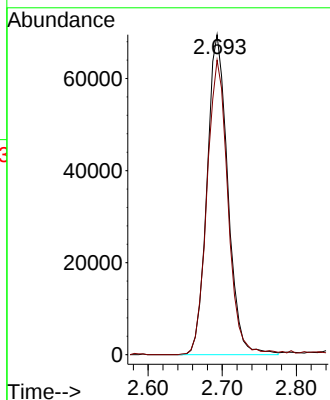
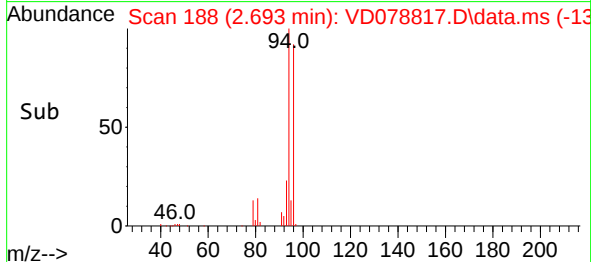
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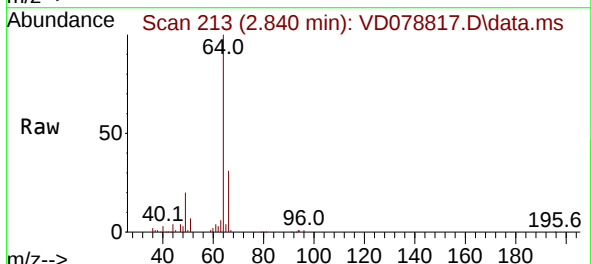
Tgt Ion: 94 Resp: 135189
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3

Manual Integrations
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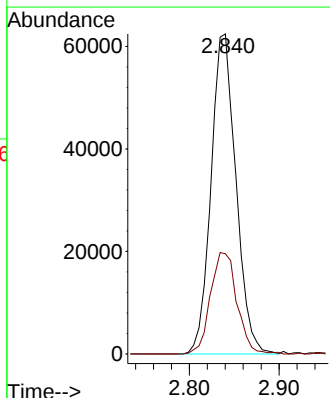
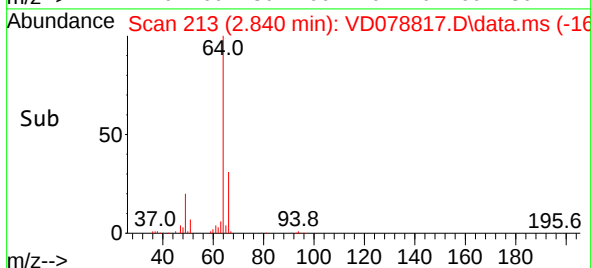
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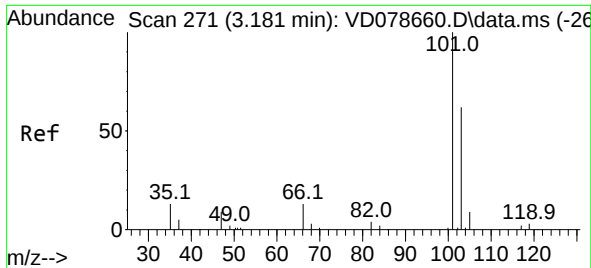


#6
Chloroethane
Concen: 53.002 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



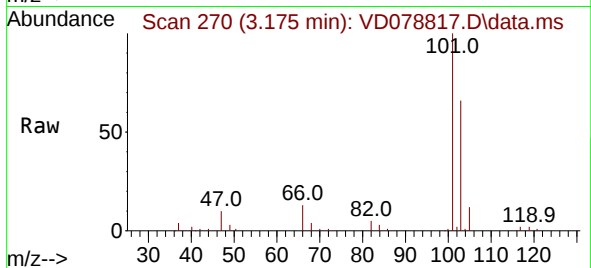
Tgt Ion: 64 Resp: 120259
Ion Ratio Lower Upper
64 100
66 31.3 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 55.107 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

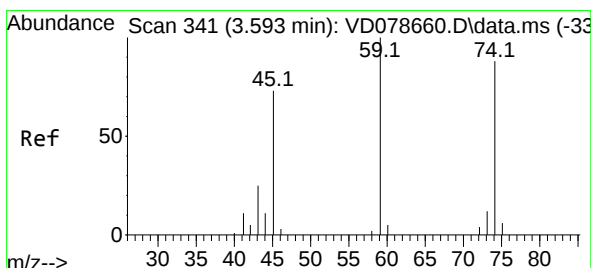
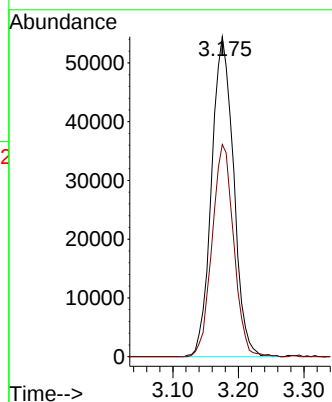
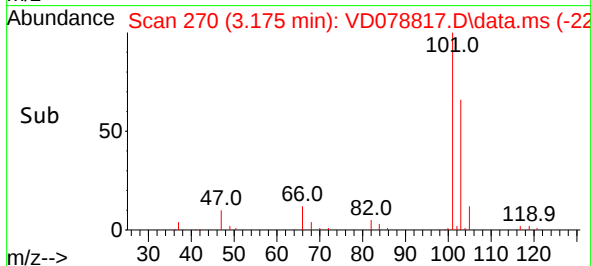
Instrument :
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Tgt Ion:101 Resp: 126840
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.7 74.5

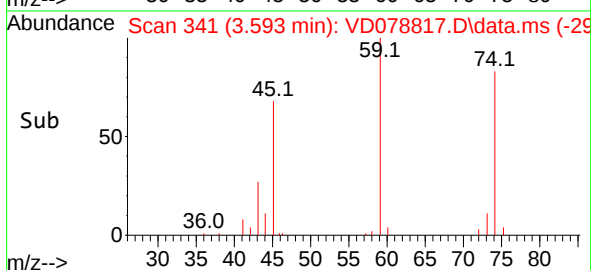
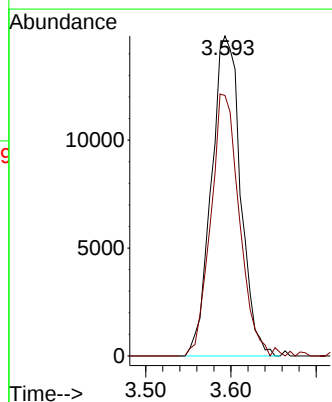
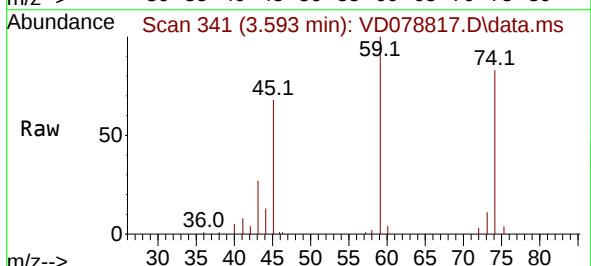
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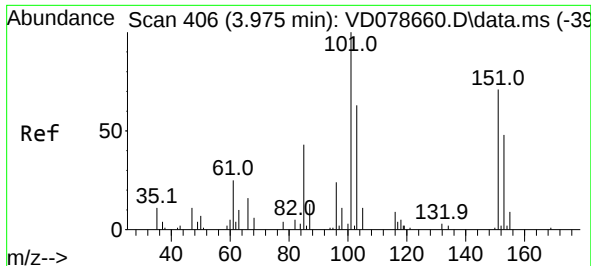
Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024



#8
 Diethyl Ether
 Concen: 52.468 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Tgt Ion: 74 Resp: 35260
 Ion Ratio Lower Upper
 74 100
 45 80.5 42.4 127.3





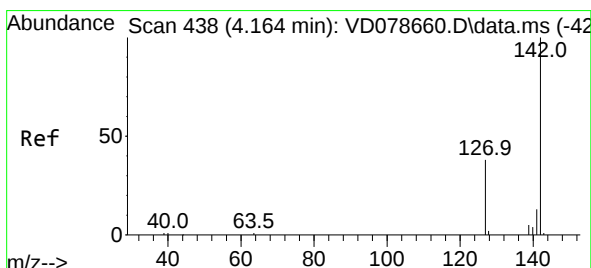
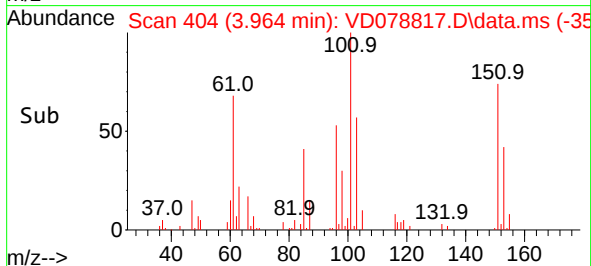
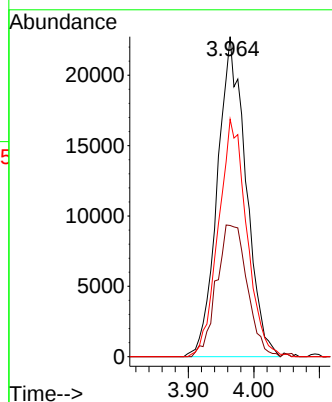
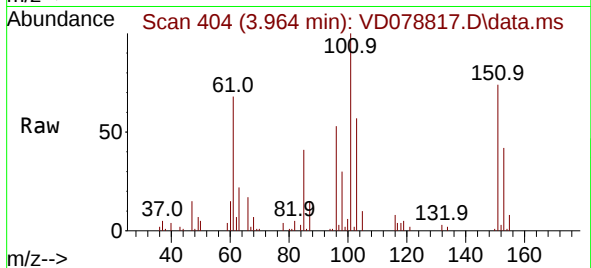
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.576 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6872
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 73.9 59.4 89.2

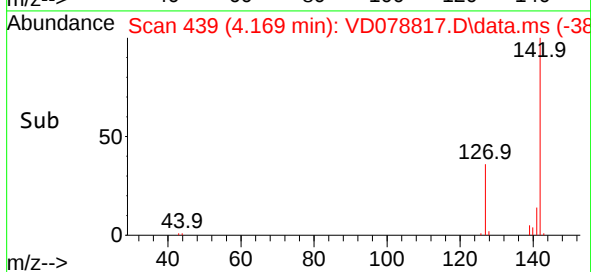
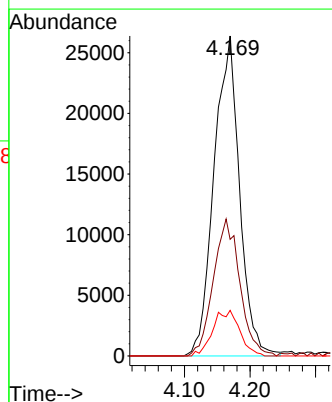
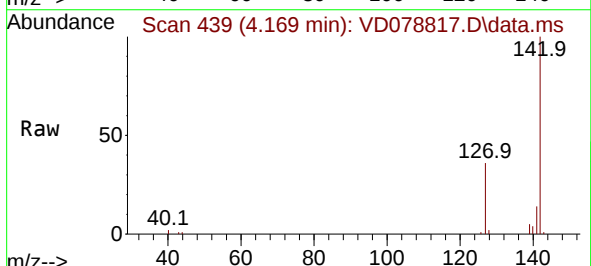
Manual Integrations
APPROVED

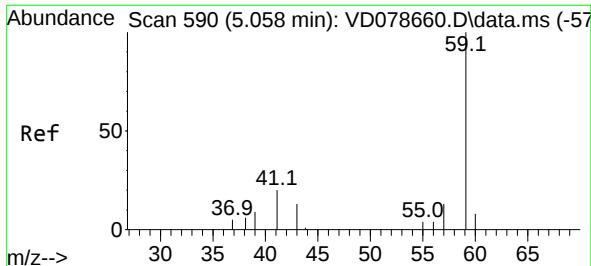
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#10
Methyl Iodide
Concen: 41.711 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:142 Resp: 71272
Ion Ratio Lower Upper
142 100
127 44.5 33.5 50.3
141 15.0 11.7 17.5





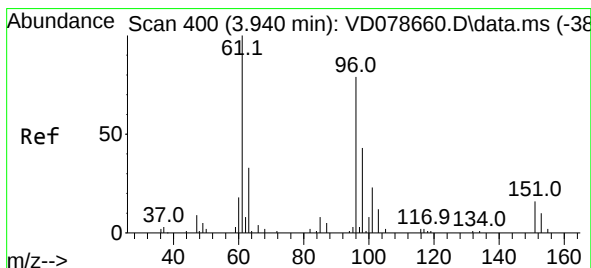
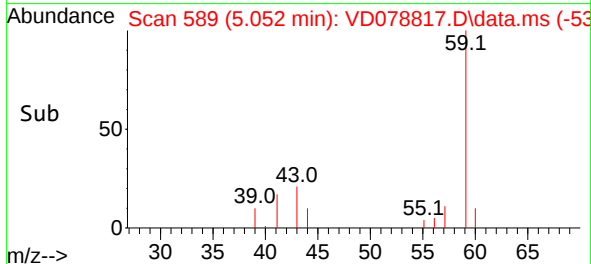
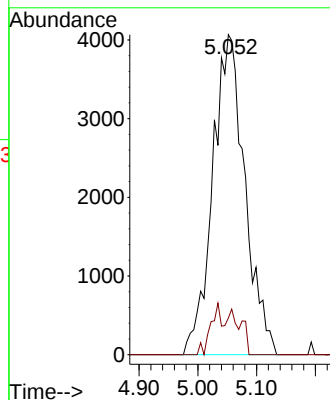
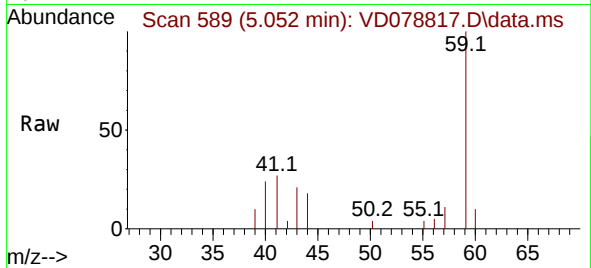
#11
Tert butyl alcohol
Concen: 275.188 ug/l
RT: 5.052 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 15490
Ion Ratio Lower Upper
59 100
57 6.0 7.4 11.0

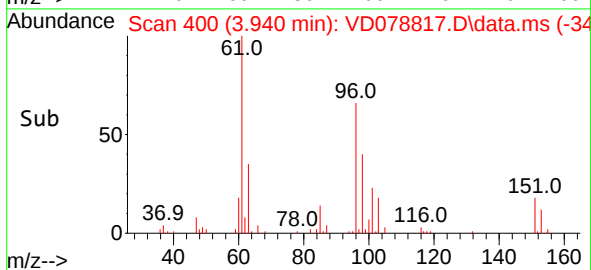
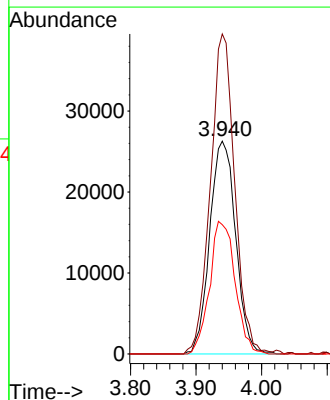
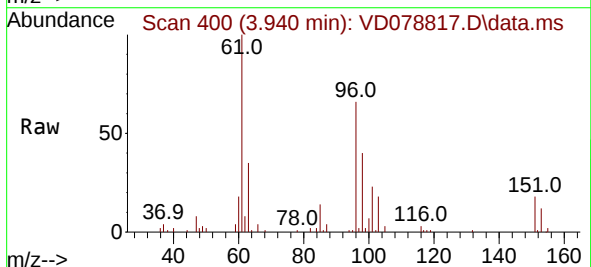
Manual Integrations
APPROVED

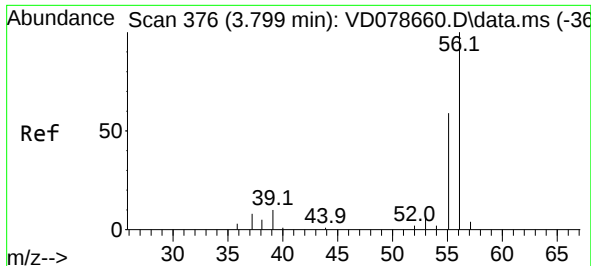
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#12
1,1-Dichloroethene
Concen: 52.544 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 96 Resp: 72153
Ion Ratio Lower Upper
96 100
61 150.4 101.4 152.0
98 60.8 43.4 65.0





#13

Acrolein

Concen: 400.462 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 3531

Ion Ratio Lower Upper

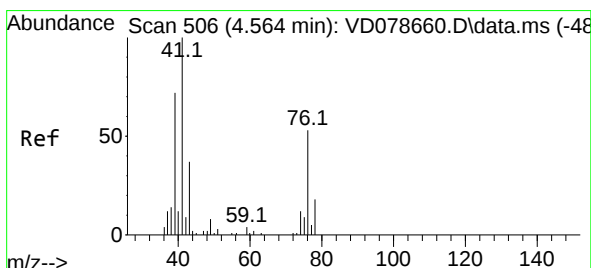
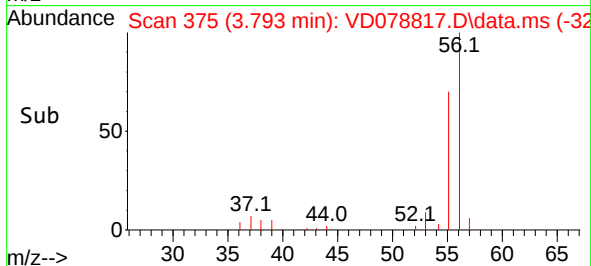
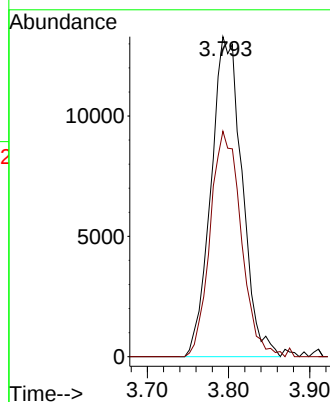
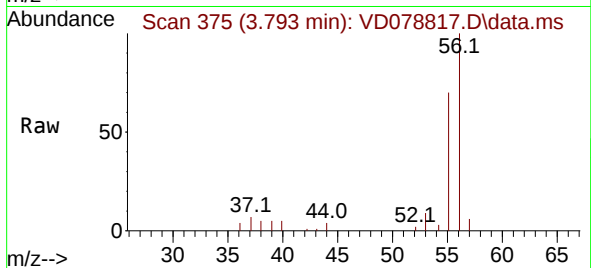
56 100

55 70.1 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#14

Allyl chloride

Concen: 51.864 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

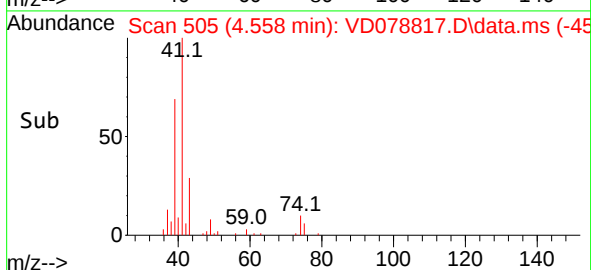
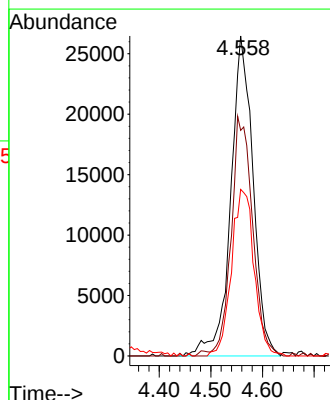
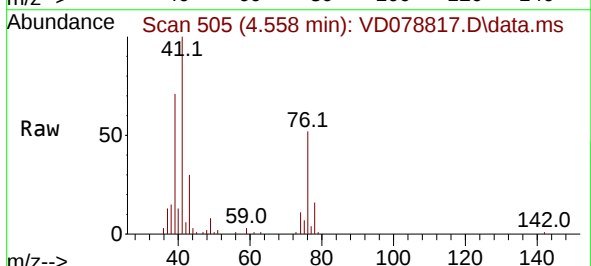
Tgt Ion: 41 Resp: 79468

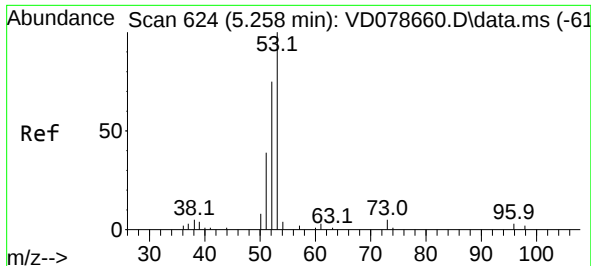
Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.6

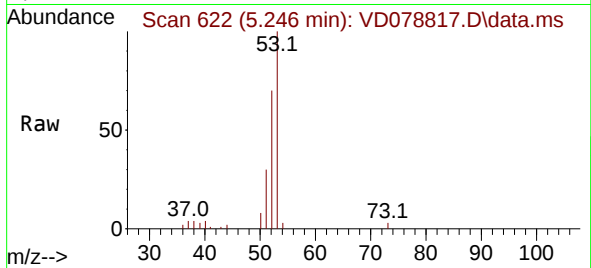
76 52.7 44.8 67.2





#15
Acrylonitrile
Concen: 256.849 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

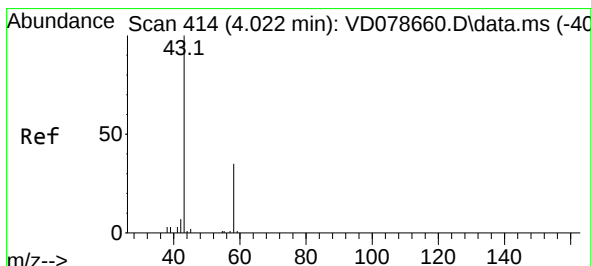
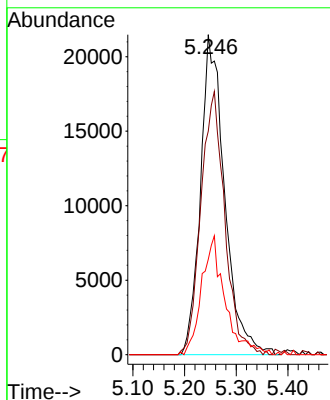
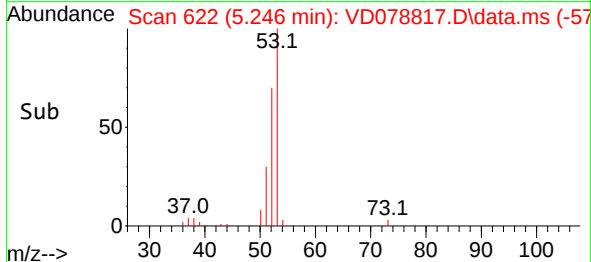
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 6958
Ion Ratio Lower Upper
53 100
52 81.5 61.9 92.9
51 36.0 29.0 43.4

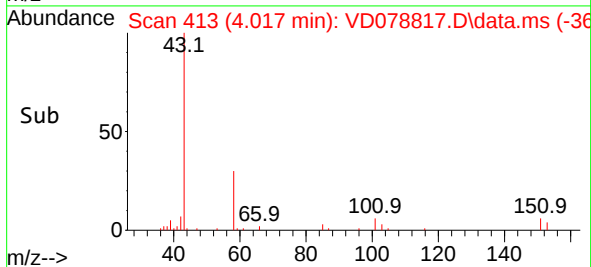
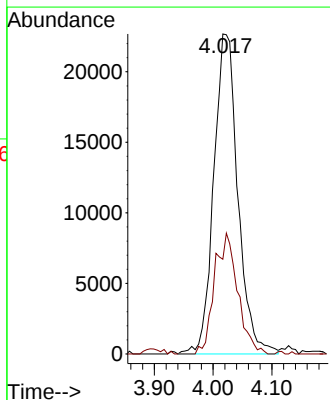
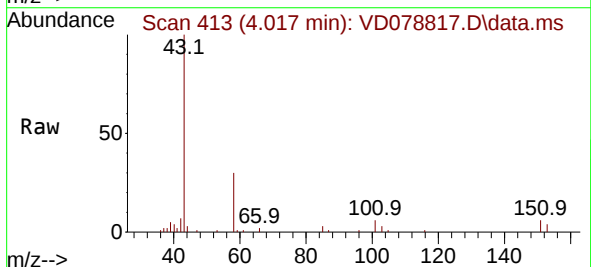
Manual Integrations
APPROVED

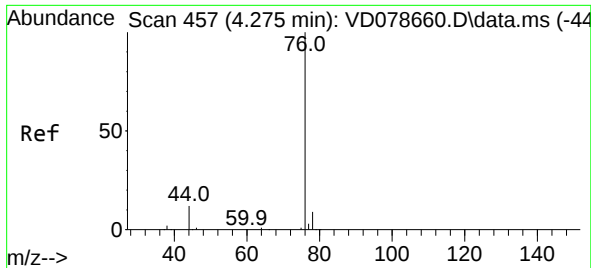
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#16
Acetone
Concen: 265.714 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

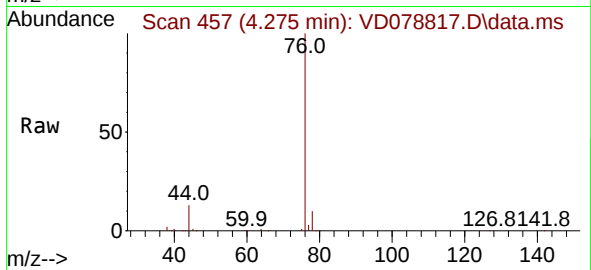
Tgt Ion: 43 Resp: 64627
Ion Ratio Lower Upper
43 100
58 29.6 28.2 42.4





#17
Carbon Disulfide
Concen: 49.809 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

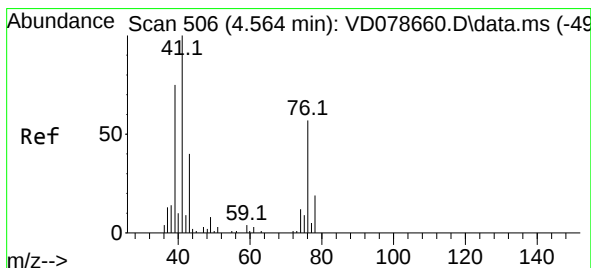
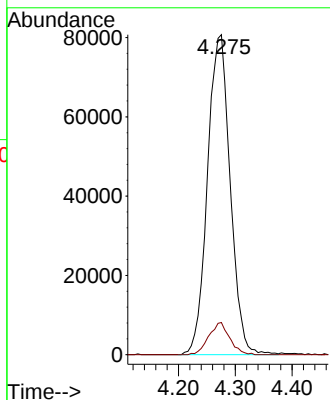
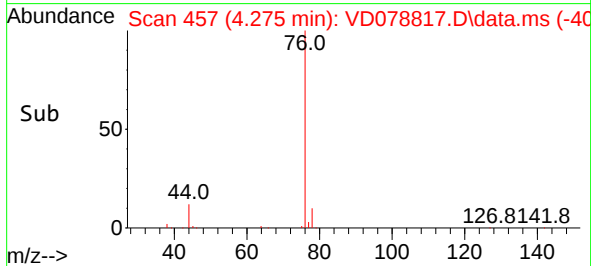
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 224228
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

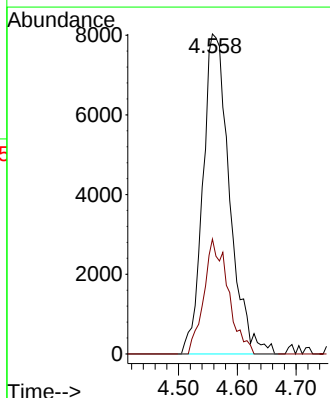
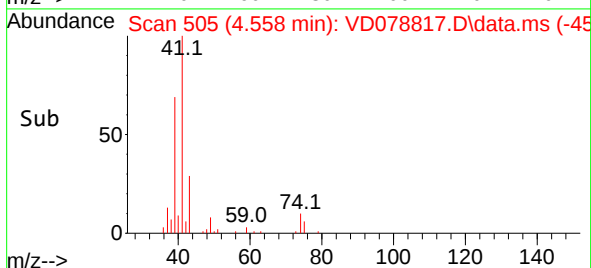
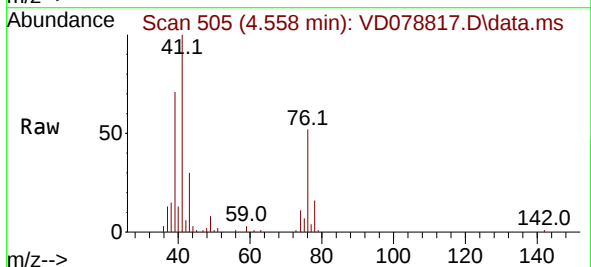
Manual Integrations
APPROVED

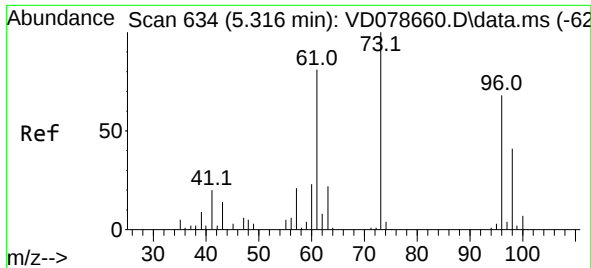
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#18
Methyl Acetate
Concen: 48.428 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

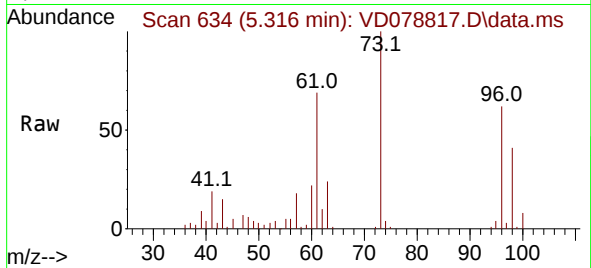
Tgt Ion: 43 Resp: 25278
Ion Ratio Lower Upper
43 100
74 32.7 25.3 37.9





#19
Methyl tert-butyl Ether
Concen: 52.047 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

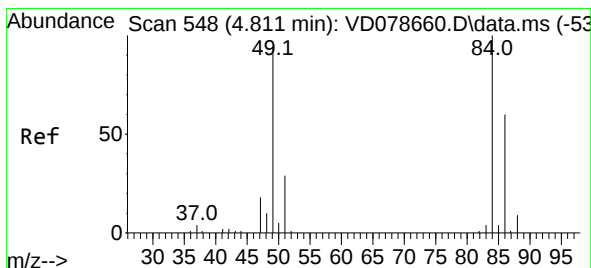
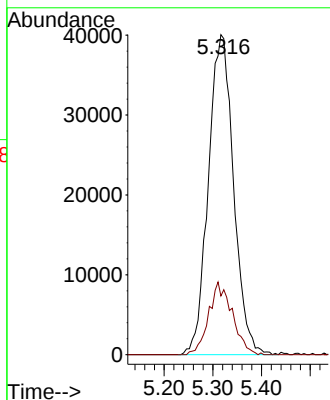
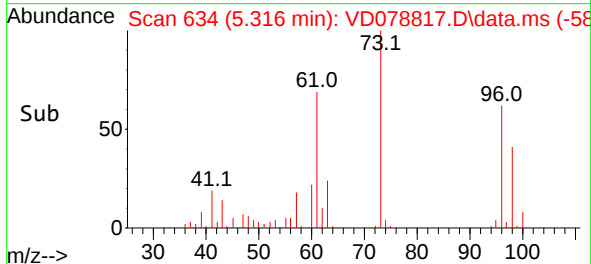
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



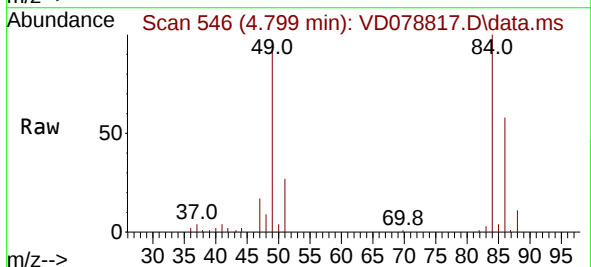
Tgt Ion: 73 Resp: 144134
Ion Ratio Lower Upper
73 100
57 18.3 16.4 24.6

Manual Integrations
APPROVED

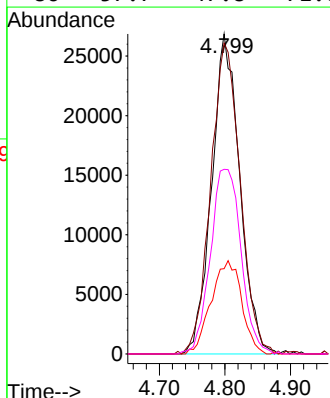
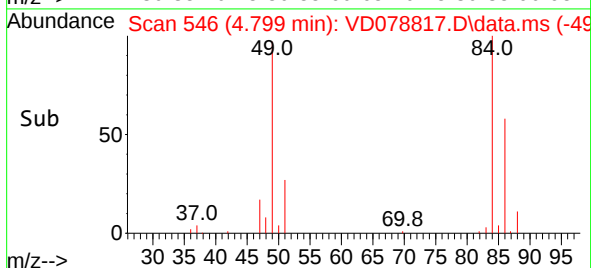
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

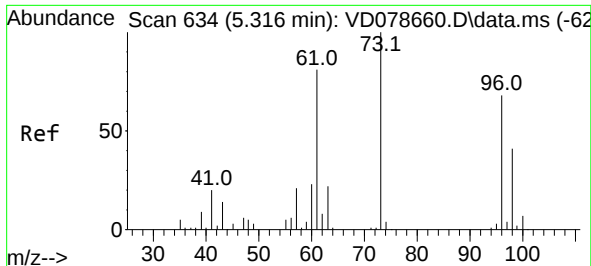


#20
Methylene Chloride
Concen: 47.843 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



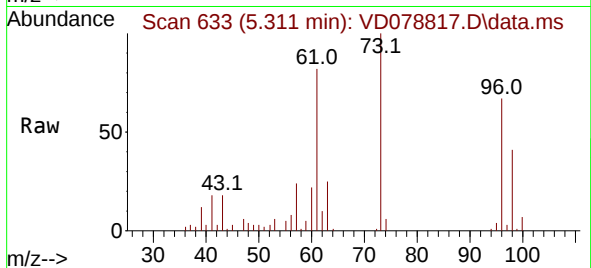
Tgt Ion: 84 Resp: 79682
Ion Ratio Lower Upper
84 100
49 96.4 75.6 113.4
51 26.7 23.4 35.0
86 57.7 47.8 71.6





#21
trans-1,2-Dichloroethene
Concen: 47.429 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

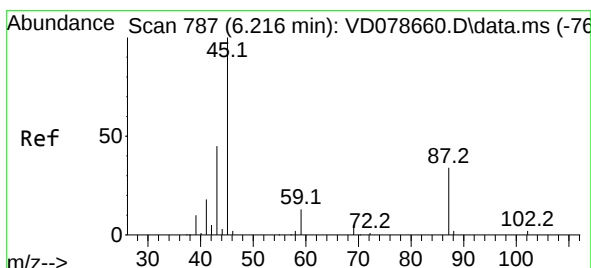
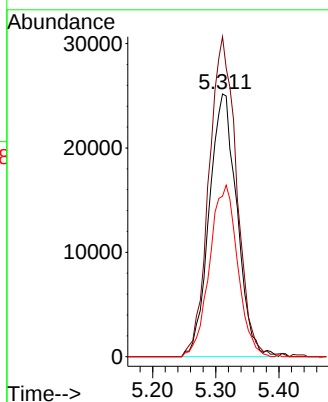
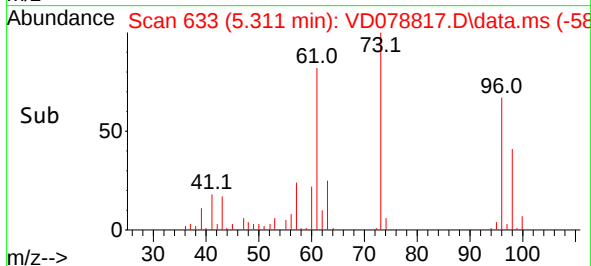
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7685
Ion Ratio Lower Upper
96 100
61 121.8 96.1 144.1
98 61.1 48.9 73.3

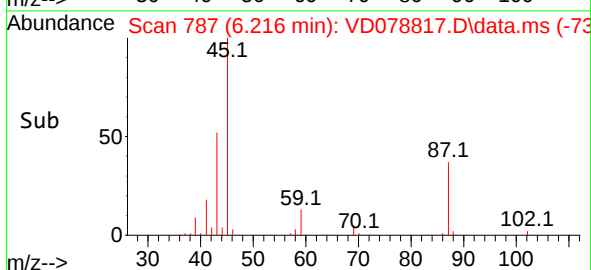
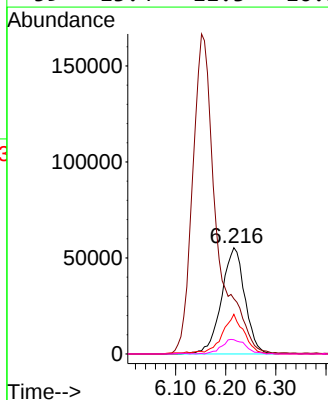
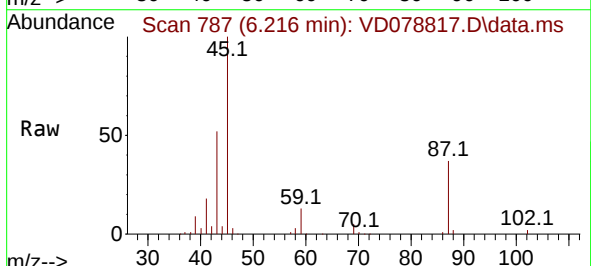
Manual Integrations
APPROVED

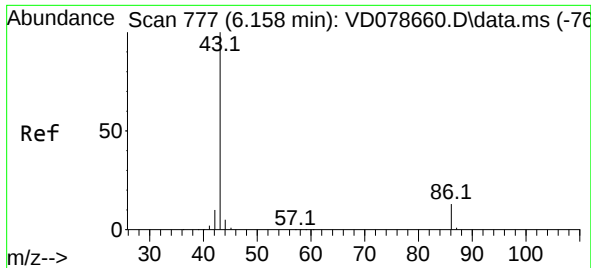
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#22
Diisopropyl ether
Concen: 51.553 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 45 Resp: 179595
Ion Ratio Lower Upper
45 100
43 51.0 44.3 66.5
87 37.3 28.3 42.5
59 13.4 11.3 16.9





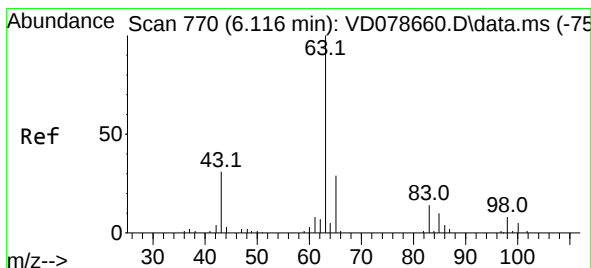
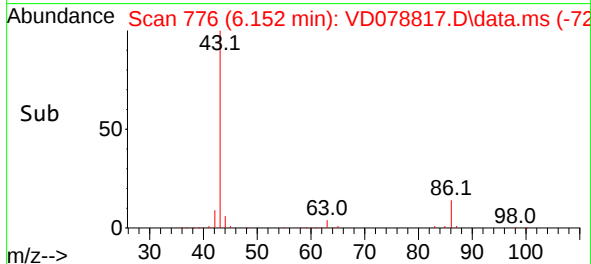
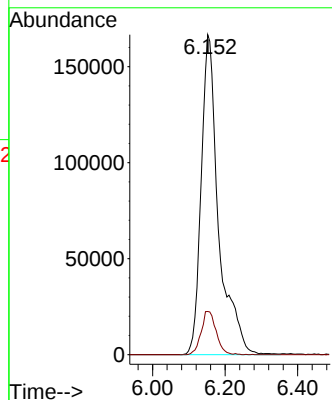
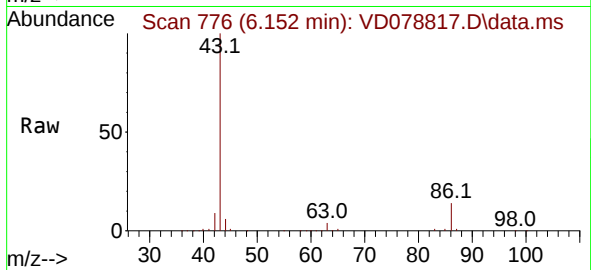
#23
 Vinyl Acetate
 Concen: 272.903 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 55610
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

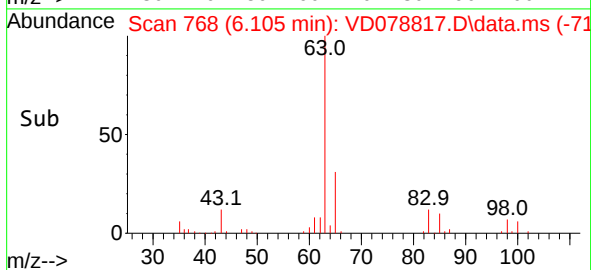
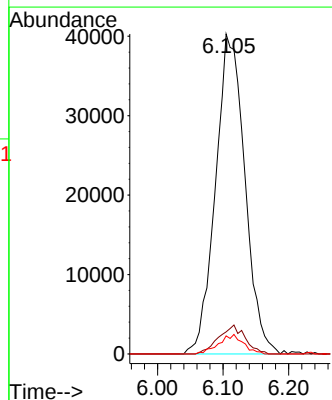
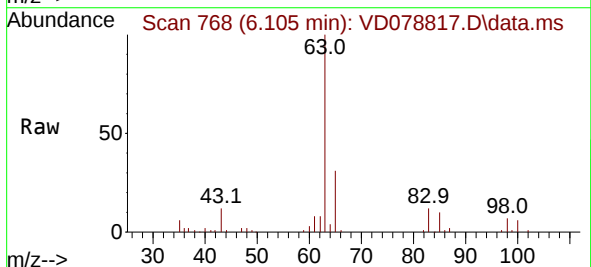
Manual Integrations
 APPROVED

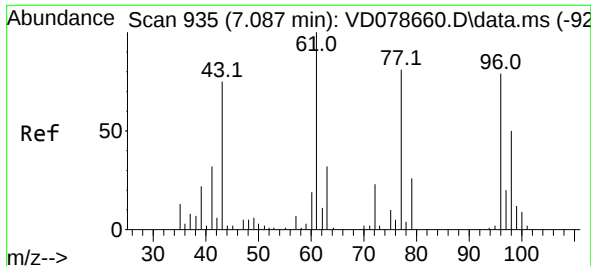
Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024



#24
 1,1-Dichloroethane
 Concen: 47.835 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

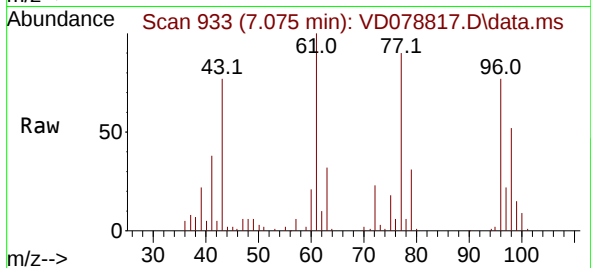
Tgt Ion: 63 Resp: 124937
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 11.9
 100 5.7 2.7 8.1





#25
2-Butanone
Concen: 256.928 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

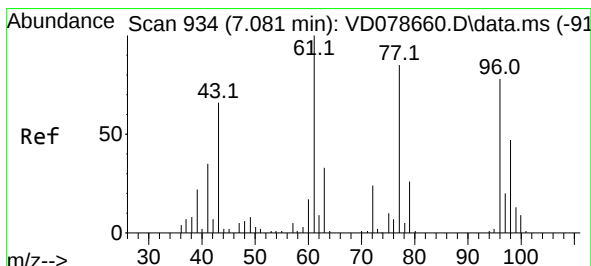
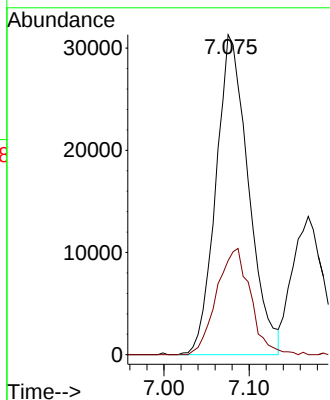
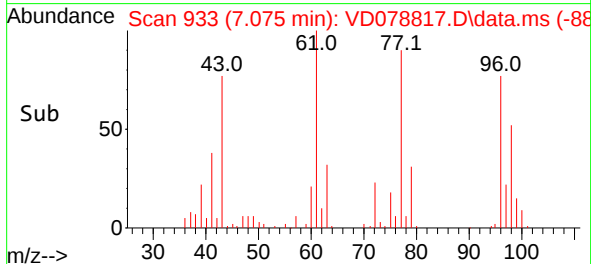
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



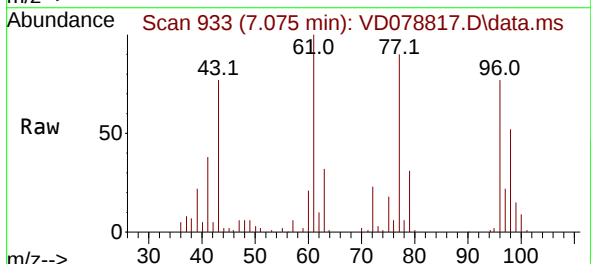
Tgt Ion: 43 Resp: 8308
Ion Ratio Lower Upper
43 100
72 29.4 25.0 37.6

Manual Integrations
APPROVED

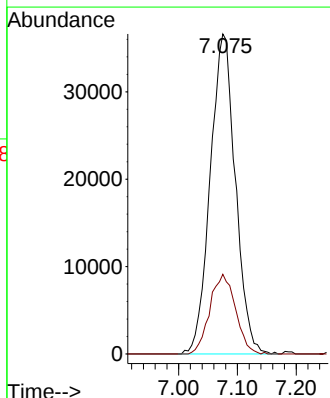
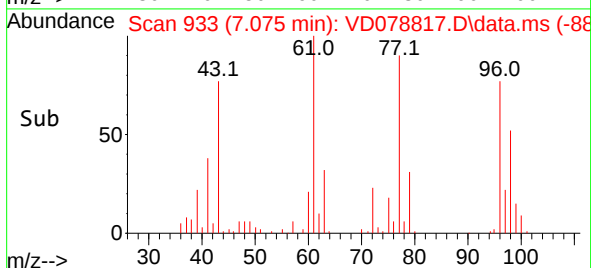
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

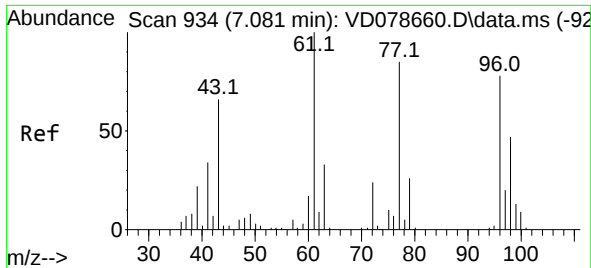


#26
2,2-Dichloropropane
Concen: 49.272 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



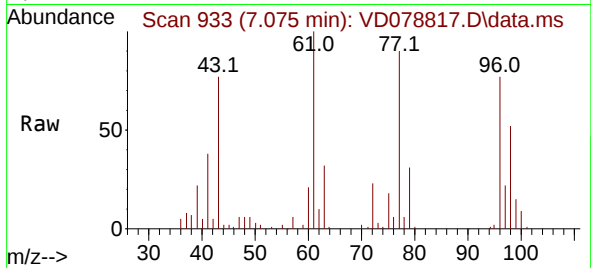
Tgt Ion: 77 Resp: 108880
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.0





#27
cis-1,2-Dichloroethene
Concen: 47.614 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

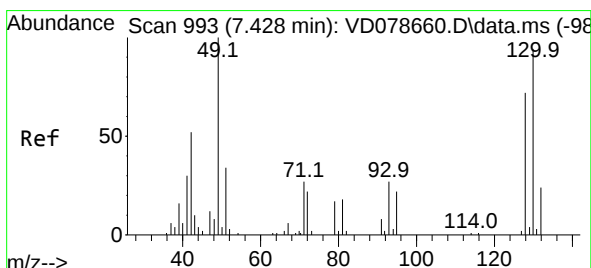
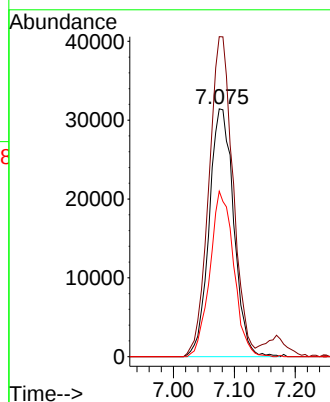
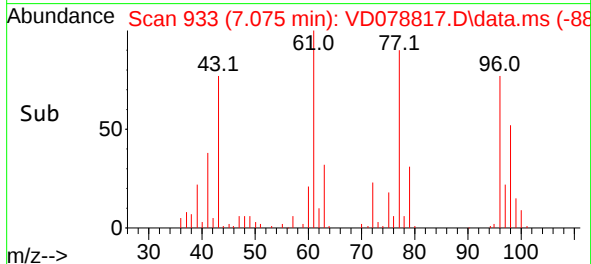
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 87990
Ion Ratio Lower Upper
96 100
61 126.9 0.0 245.0
98 64.7 0.0 126.6

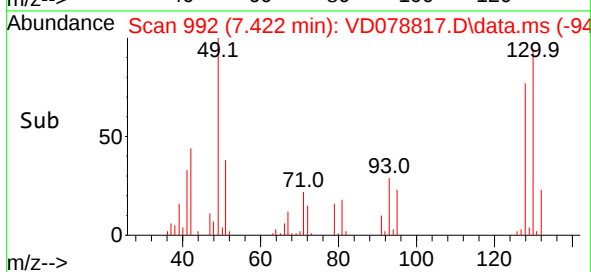
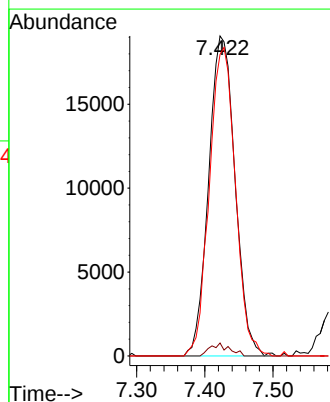
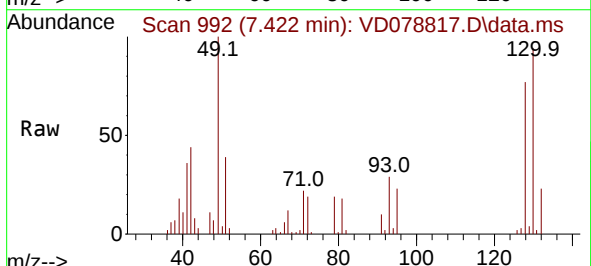
Manual Integrations
APPROVED

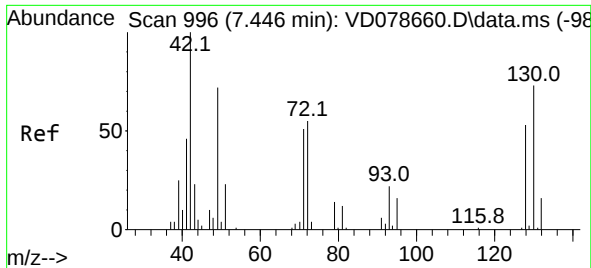
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#28
Bromochloromethane
Concen: 55.207 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

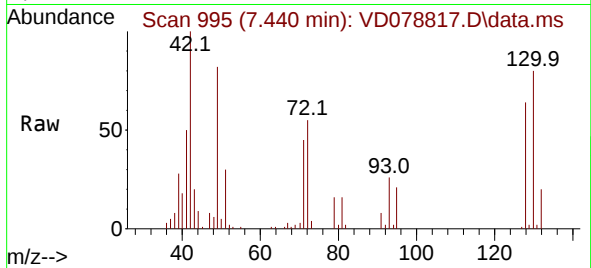
Tgt Ion: 49 Resp: 51407
Ion Ratio Lower Upper
49 100
129 2.9 0.0 6.2
130 95.0 77.1 115.7





#29
Tetrahydrofuran
Concen: 271.710 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

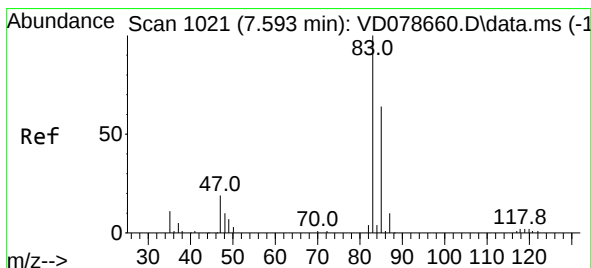
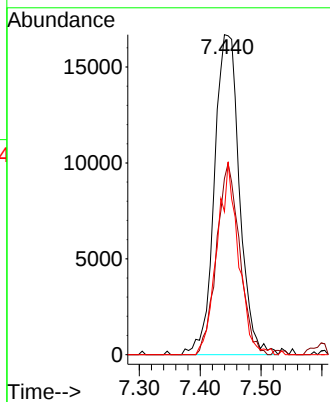
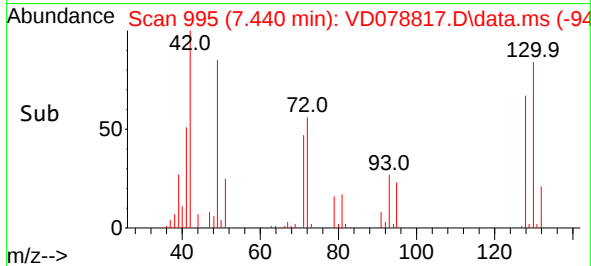
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 4778
Ion Ratio Lower Upper
42 100
72 55.0 43.8 65.6
71 51.8 42.0 63.0

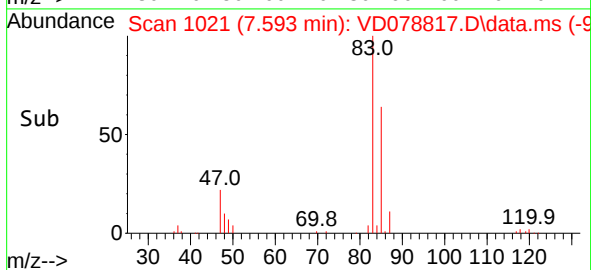
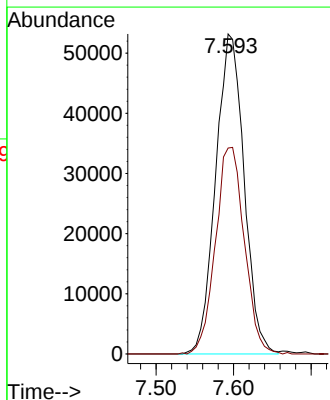
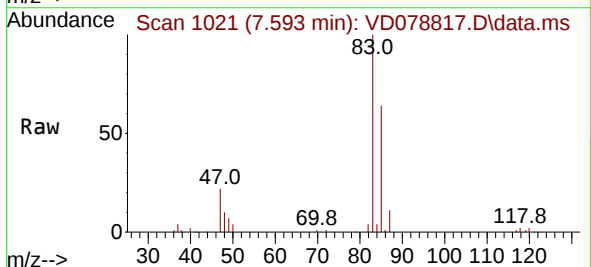
Manual Integrations
APPROVED

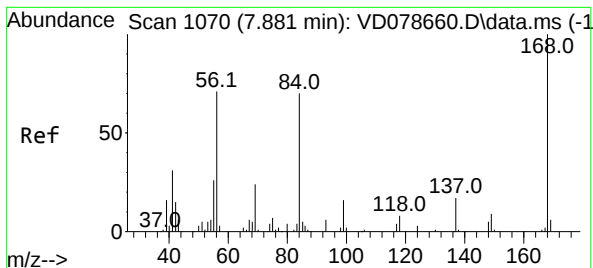
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#30
Chloroform
Concen: 46.508 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 83 Resp: 135439
Ion Ratio Lower Upper
83 100
85 64.3 51.2 76.8





#31

Cyclohexane

Concen: 47.889 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078817.D

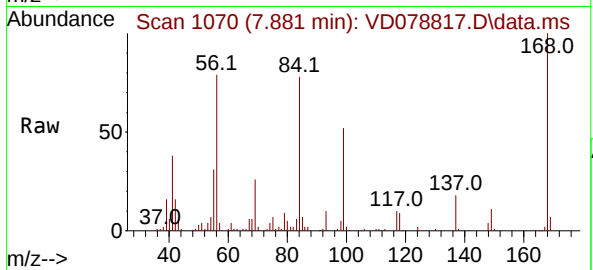
Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 10124

Ion Ratio Lower Upper

56 100

69 32.7 26.6 40.0

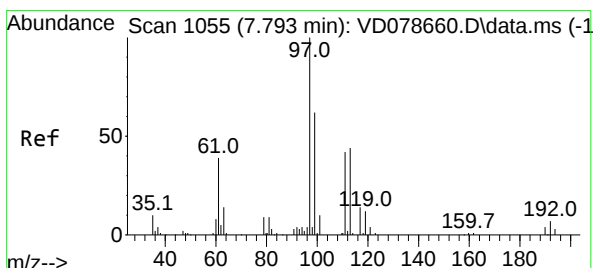
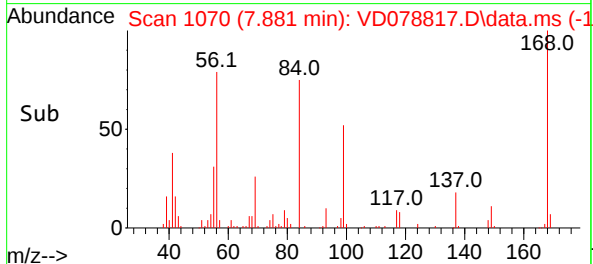
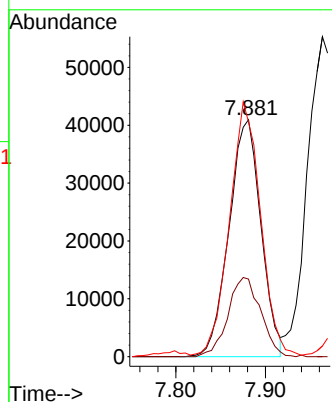
84 97.6 79.4 119.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#32

1,1,1-Trichloroethane

Concen: 47.672 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

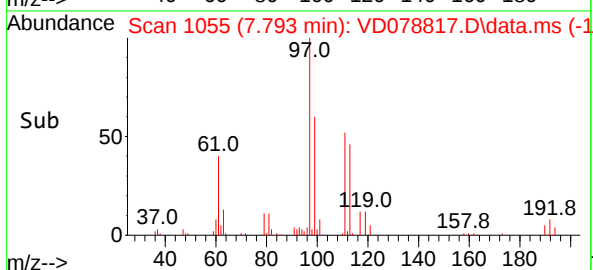
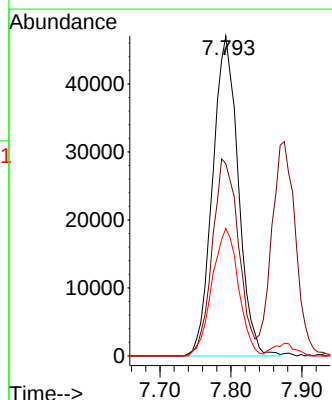
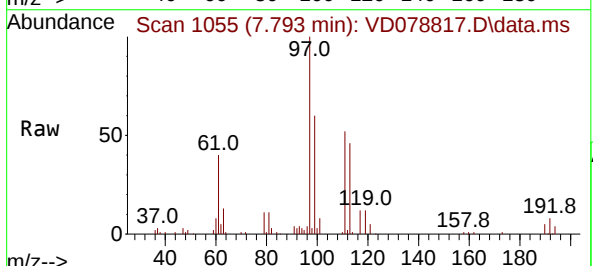
Tgt Ion: 97 Resp: 117787

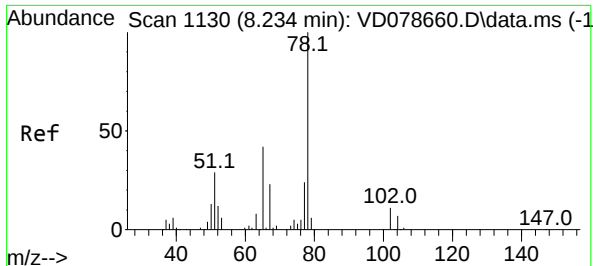
Ion Ratio Lower Upper

97 100

99 63.1 50.8 76.2

61 41.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.709 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 63780

Ion Ratio Lower Upper

65 100

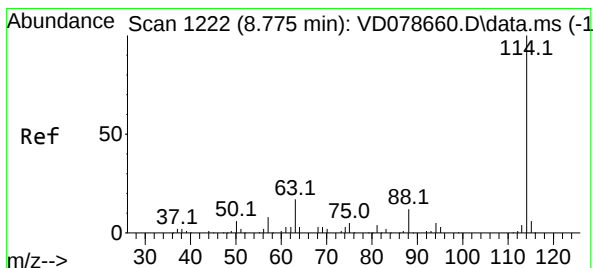
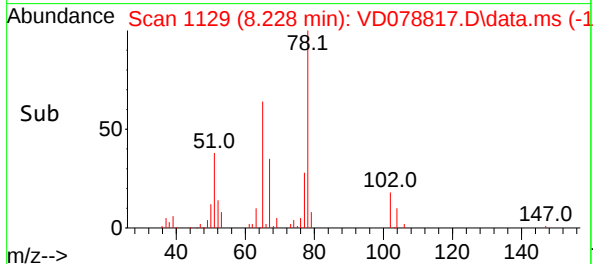
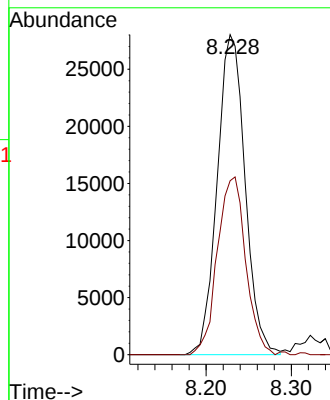
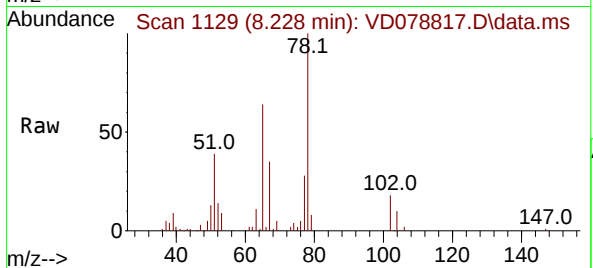
67 56.3 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

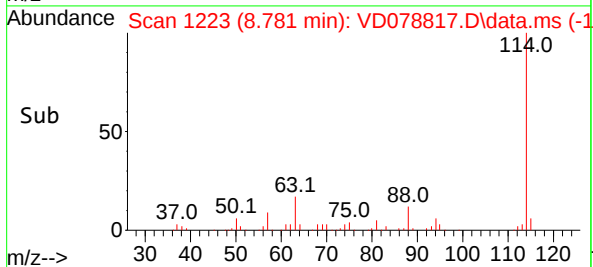
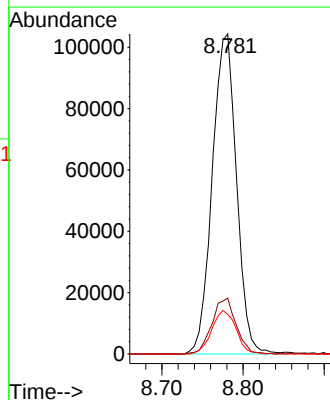
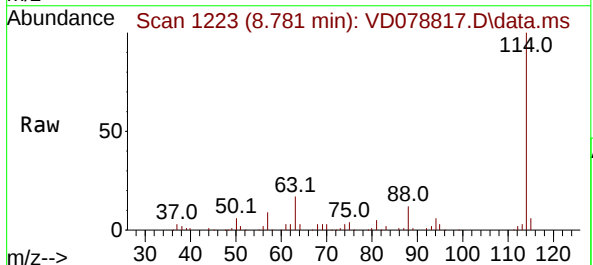
Tgt Ion:114 Resp: 216392

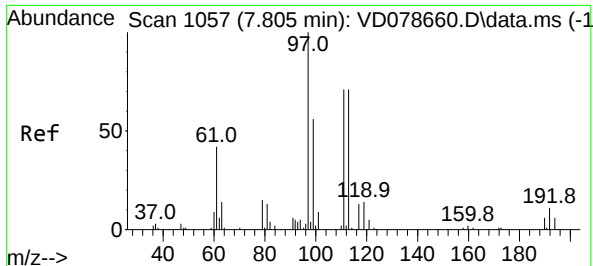
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

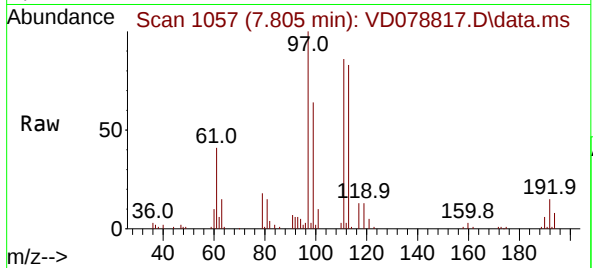
88 12.4 0.0 24.6





#35
Dibromofluoromethane
Concen: 52.527 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

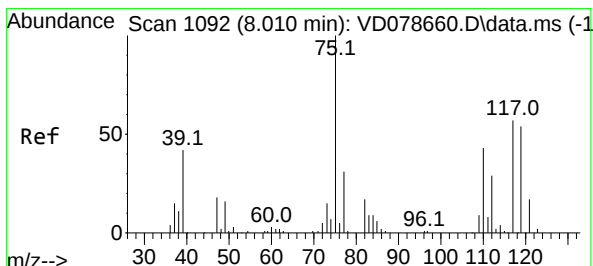
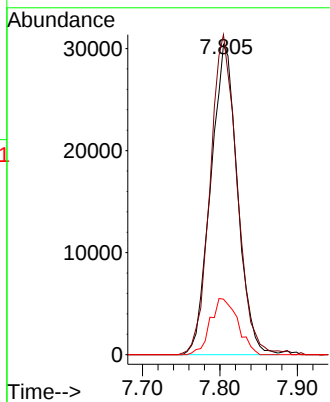
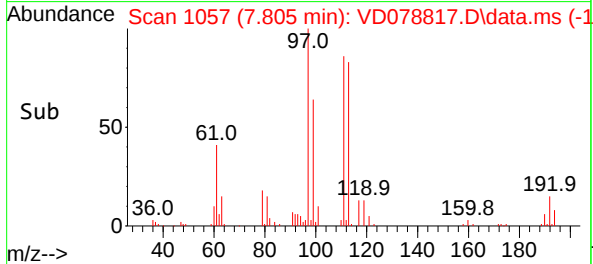
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



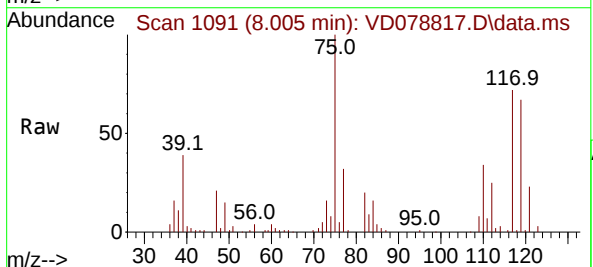
Tgt Ion: 113 Resp: 7318
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.5 15.4 23.0

Manual Integrations
APPROVED

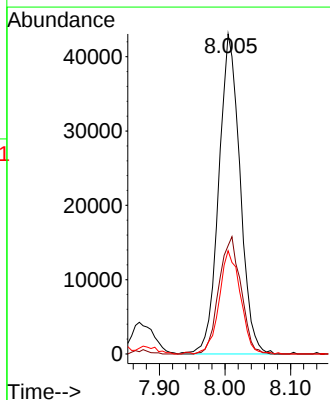
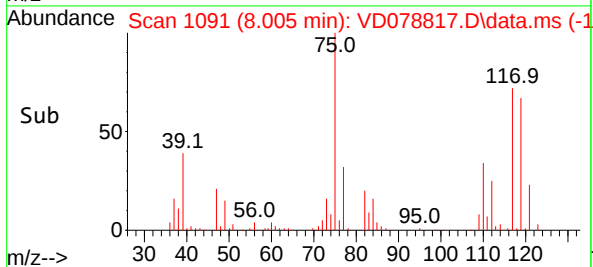
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

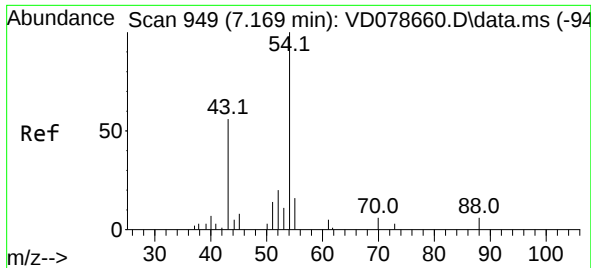


#36
1,1-Dichloropropene
Concen: 47.915 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



Tgt Ion: 75 Resp: 96859
Ion Ratio Lower Upper
75 100
110 37.9 19.1 57.1
77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 50.565 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

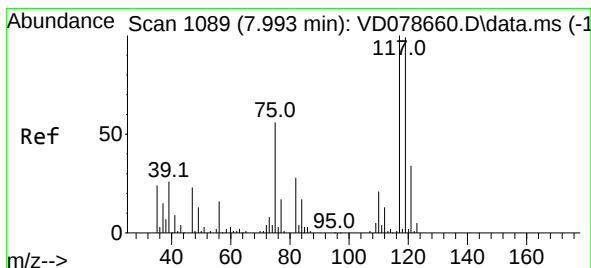
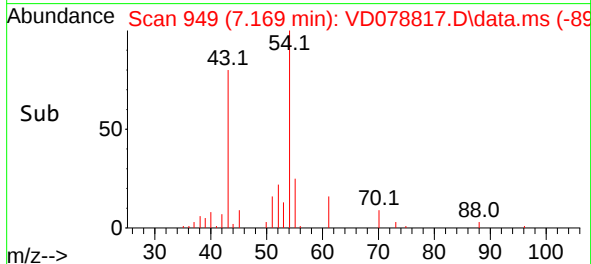
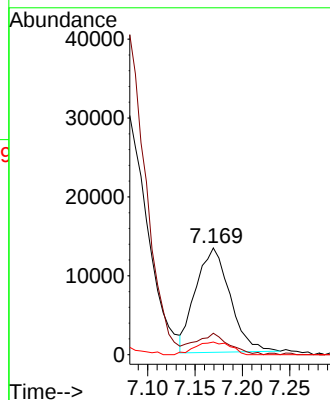
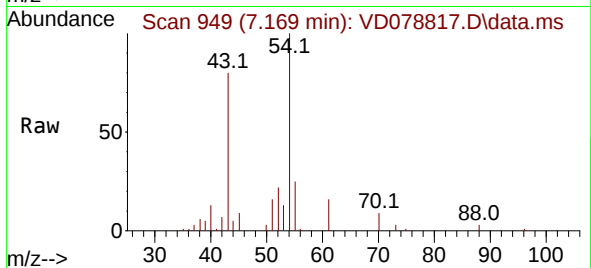
Tgt Ion: 43 Resp: 3339

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	21.8
70	12.5	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#38

Carbon Tetrachloride

Concen: 51.179 ug/l

RT: 7.993 min Scan# 1089

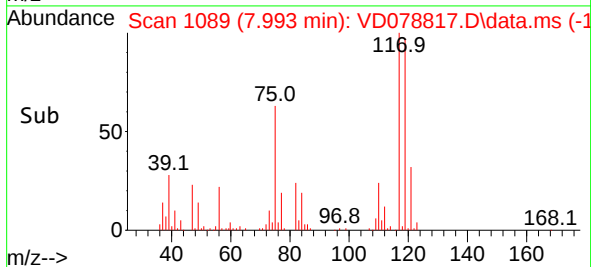
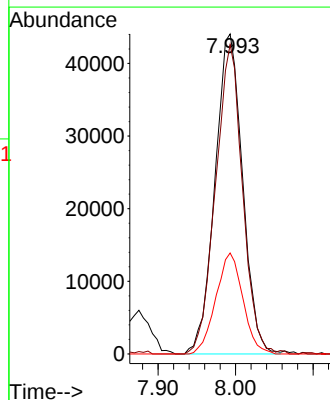
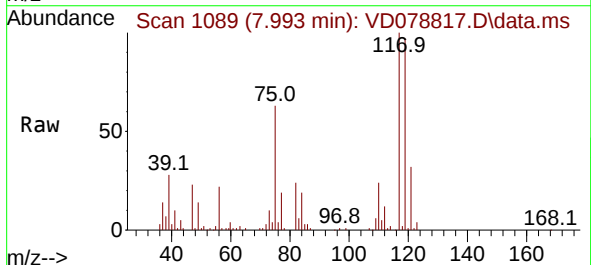
Delta R.T. 0.000 min

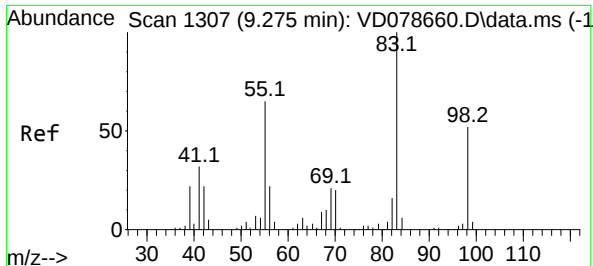
Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion:117 Resp: 109068

Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.2	118.8
121	31.5	26.8	40.2





#39

Methylcyclohexane

Concen: 50.093 ug/l

RT: 9.275 min Scan# 117469

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 117469

Ion Ratio Lower Upper

83 100

55 62.9 51.7 77.5

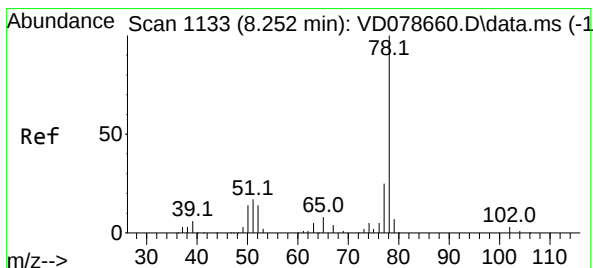
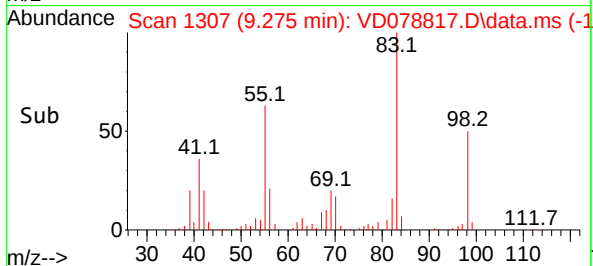
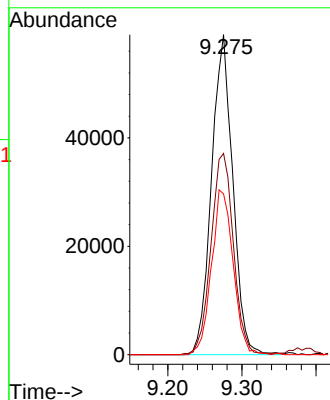
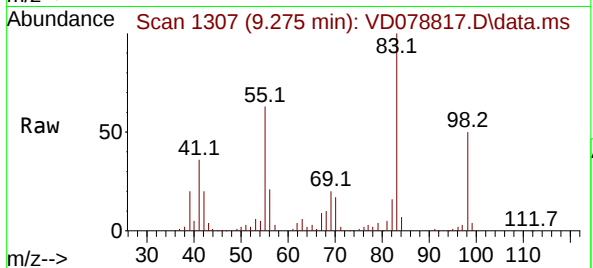
98 50.3 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#40

Benzene

Concen: 50.858 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078817.D

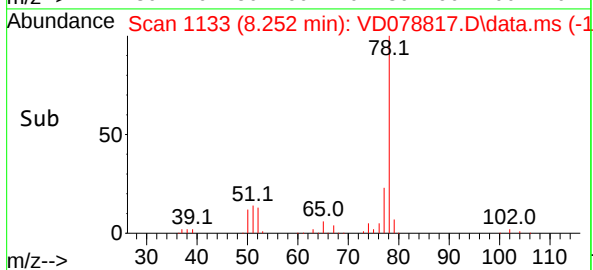
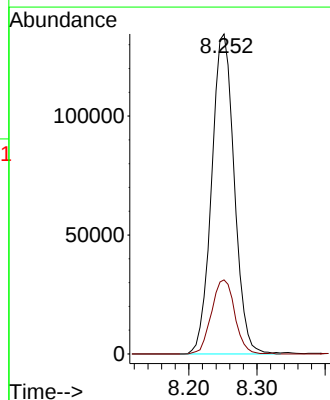
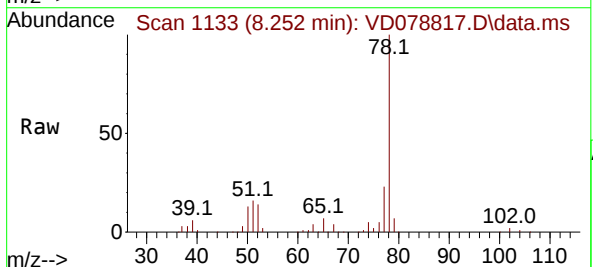
Acq: 16 Apr 2024 10:44

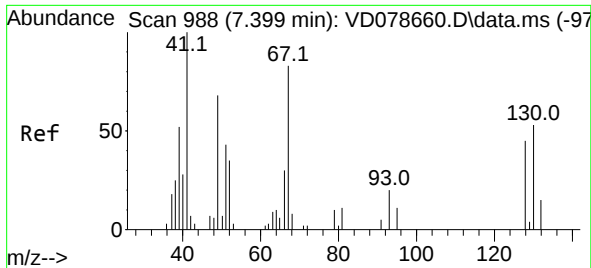
Tgt Ion: 78 Resp: 310778

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6





#41
Methacrylonitrile
Concen: 47.206 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

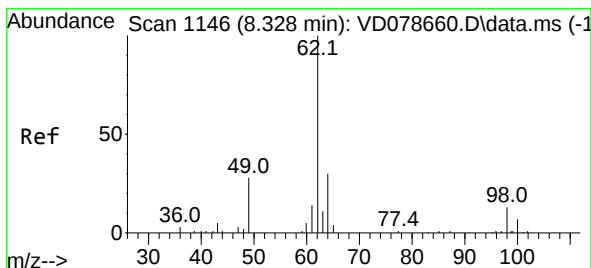
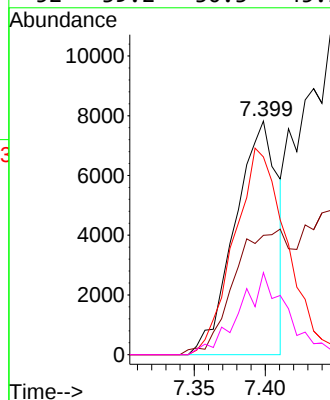
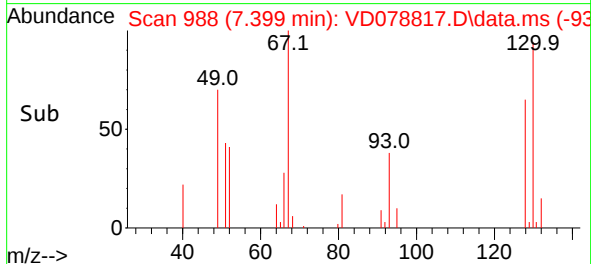
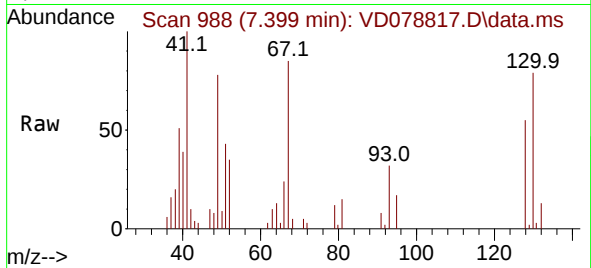
VSTDCCC050

Tgt Ion: 41 Resp: 1633
Ion Ratio Lower Upper
41 100
39 74.6 39.8 59.6
67 109.1 83.5 125.3
52 39.2 30.3 45.5

Manual Integrations

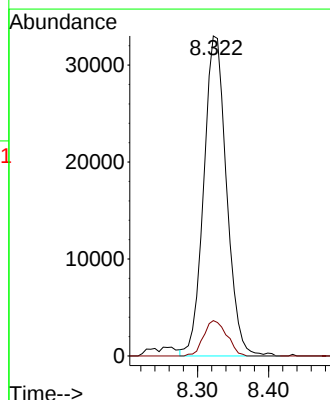
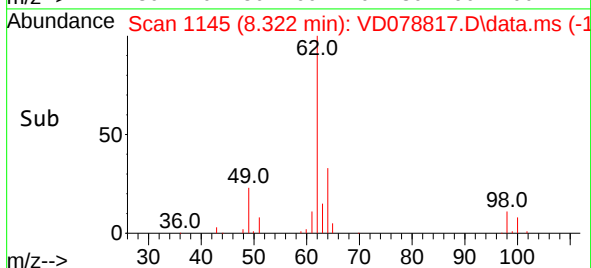
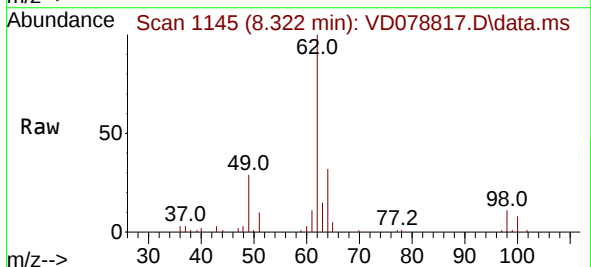
APPROVED

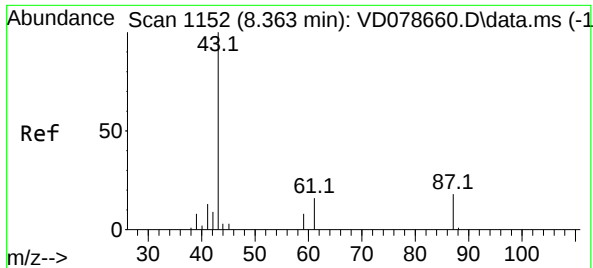
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#42
1,2-Dichloroethane
Concen: 49.563 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 62 Resp: 73860
Ion Ratio Lower Upper
62 100
98 11.2 0.0 23.8





#43

Isopropyl Acetate

Concen: 54.009 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

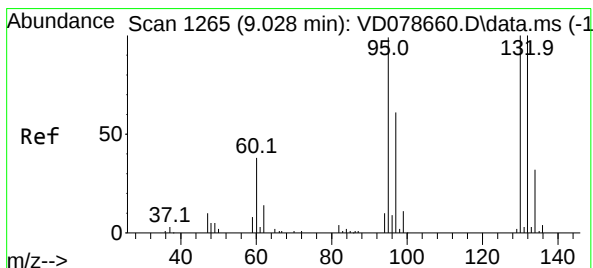
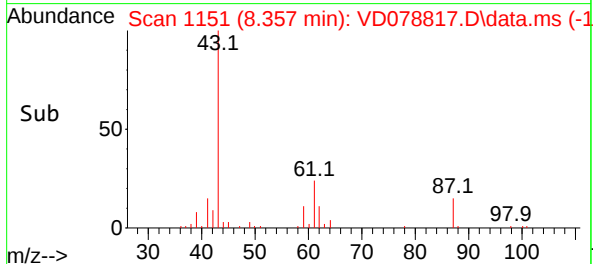
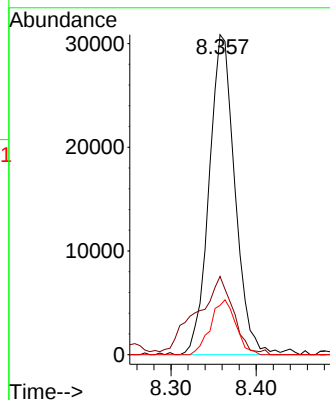
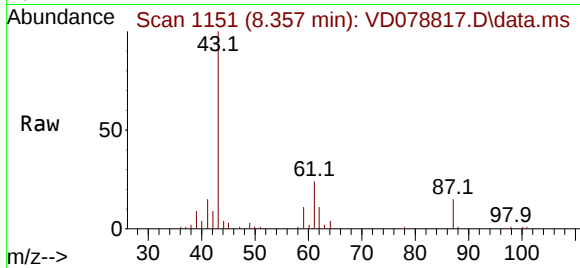
Tgt Ion: 43 Resp: 6486

Ion	Ratio	Lower	Upper
43	100		
61	35.0	30.1	45.1
87	16.7	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#44

Trichloroethene

Concen: 45.785 ug/l

RT: 9.028 min Scan# 1265

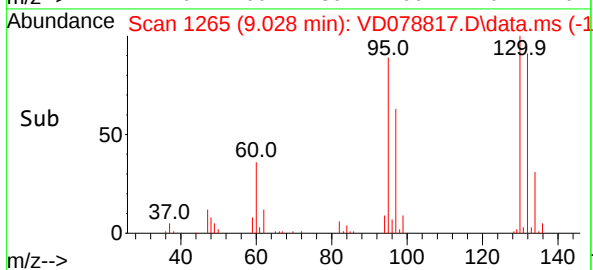
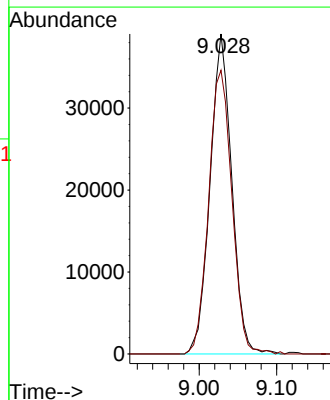
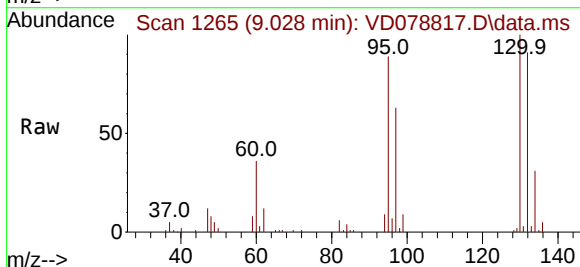
Delta R.T. 0.000 min

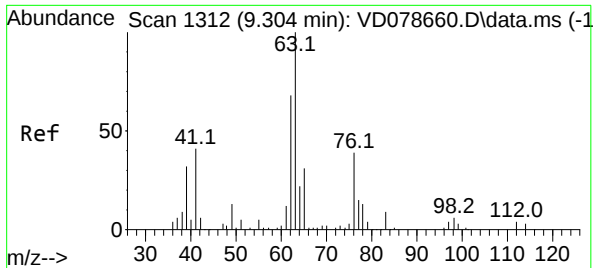
Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion:130 Resp: 75927

Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	197.8





#45

1,2-Dichloropropane

Concen: 47.950 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6950

Ion Ratio Lower Upper

63 100

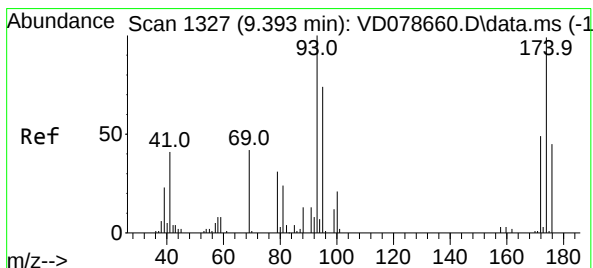
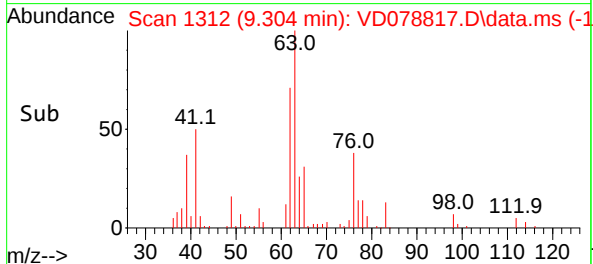
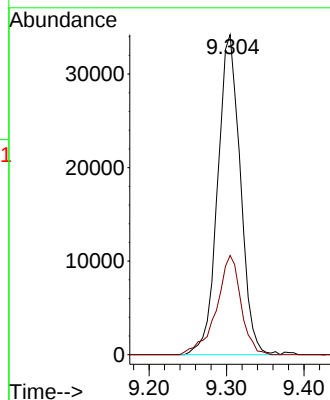
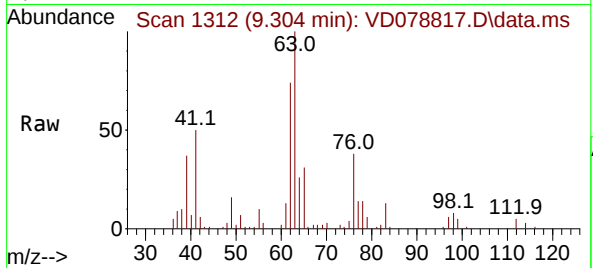
65 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#46

Dibromomethane

Concen: 47.767 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

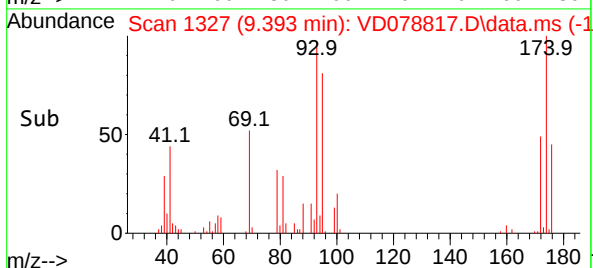
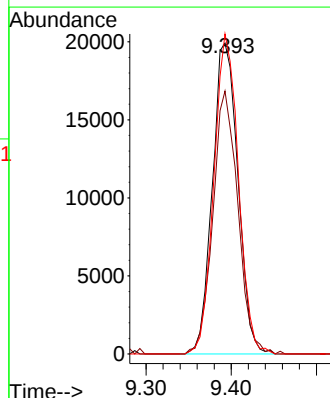
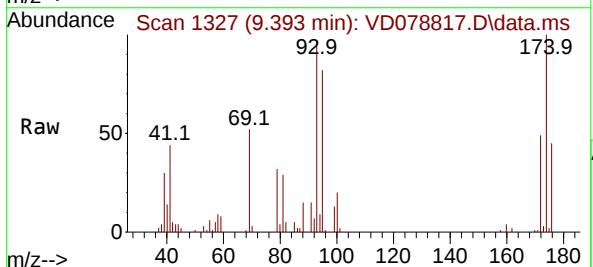
Tgt Ion: 93 Resp: 41507

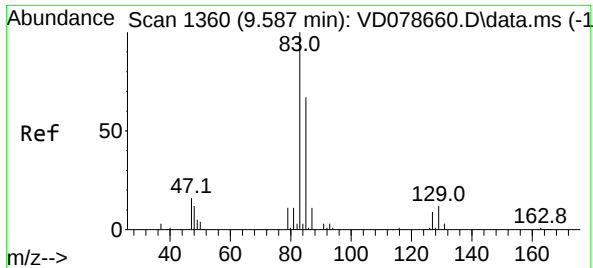
Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

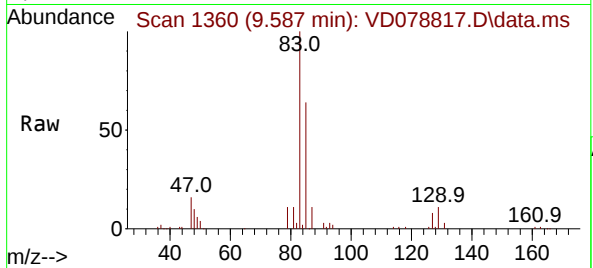
174 98.7 80.9 121.3





#47
Bromodichloromethane
Concen: 50.172 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

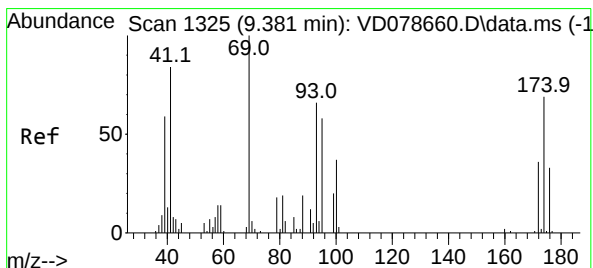
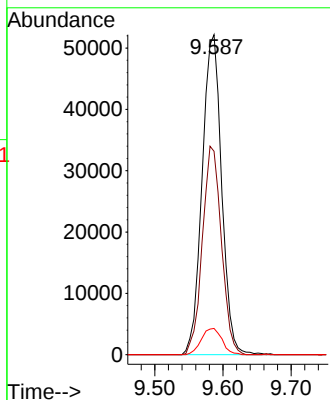
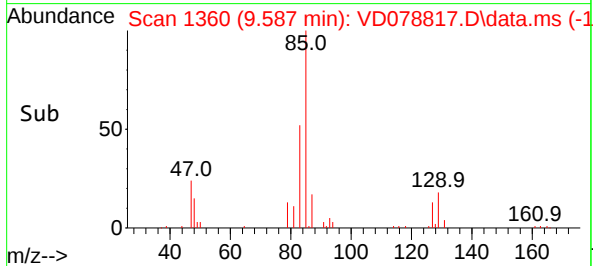
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10378
Ion Ratio Lower Upper
83 100
85 63.5 54.0 81.0
127 8.2 7.1 10.7

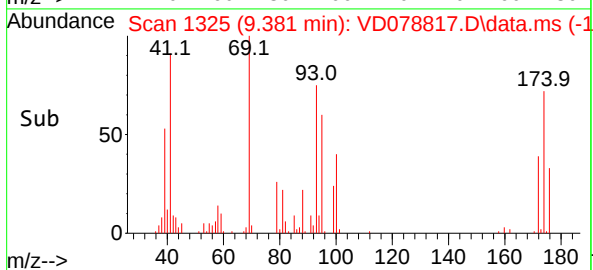
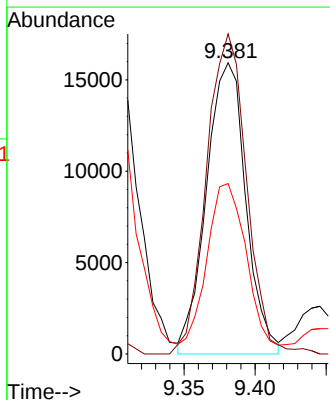
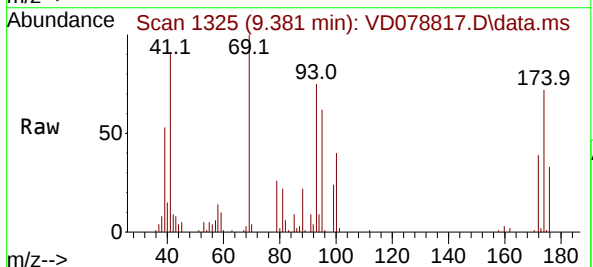
Manual Integrations
APPROVED

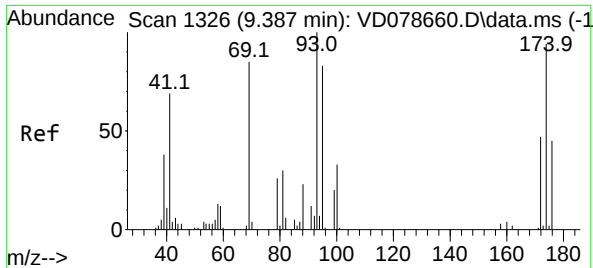
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#48
Methyl methacrylate
Concen: 52.708 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 41 Resp: 30844
Ion Ratio Lower Upper
41 100
69 111.6 88.3 132.5
39 59.7 46.6 69.8





#49

1,4-Dioxane

Concen: 1123.848 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 904

Ion Ratio Lower Upper

88 100

43 27.3 23.2 34.8

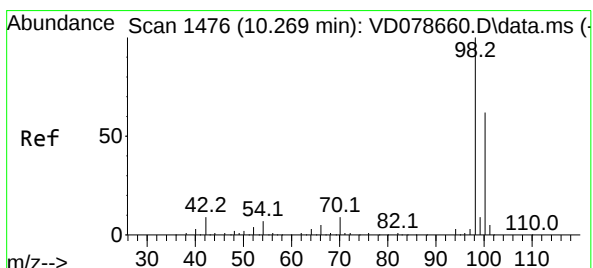
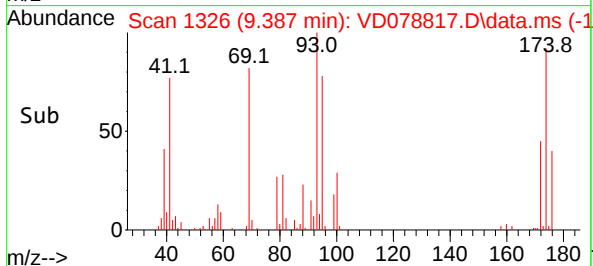
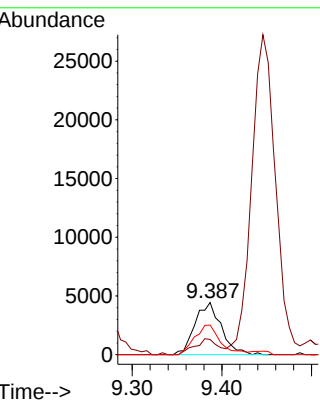
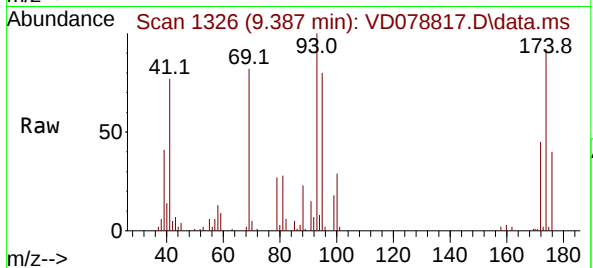
58 55.3 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#50

Toluene-d8

Concen: 56.939 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078817.D

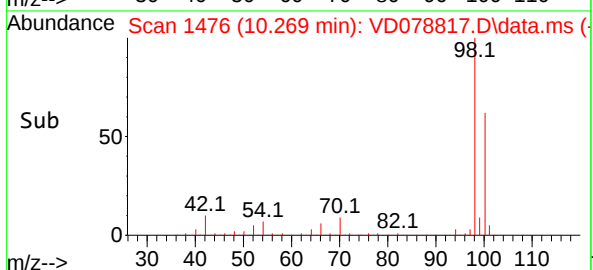
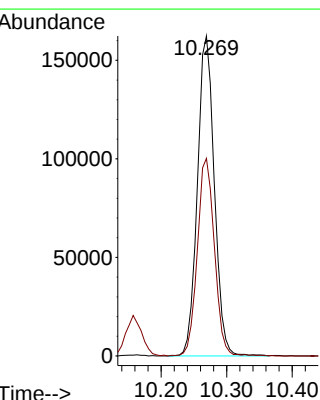
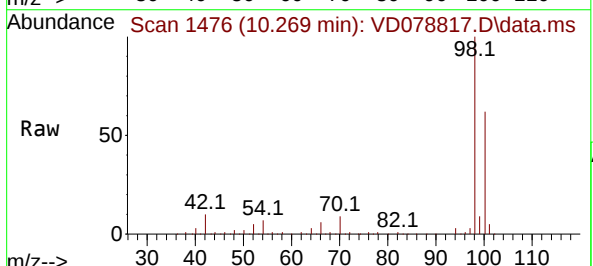
Acq: 16 Apr 2024 10:44

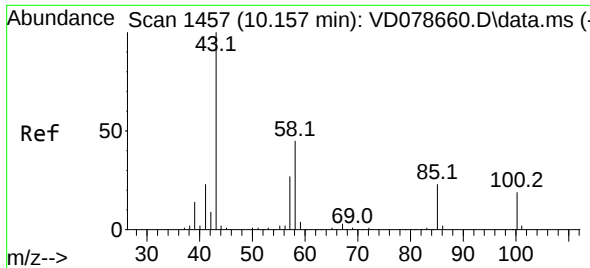
Tgt Ion: 98 Resp: 291750

Ion Ratio Lower Upper

98 100

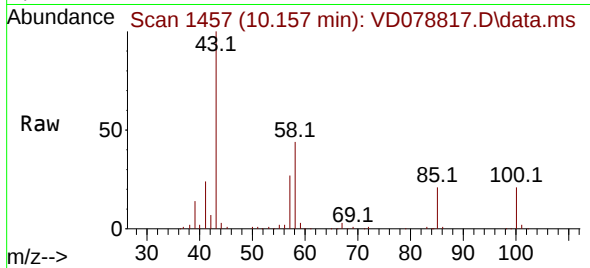
100 62.2 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 280.448 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

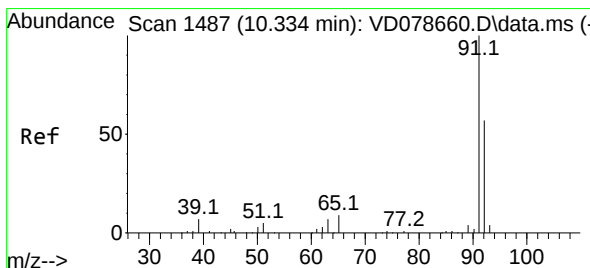
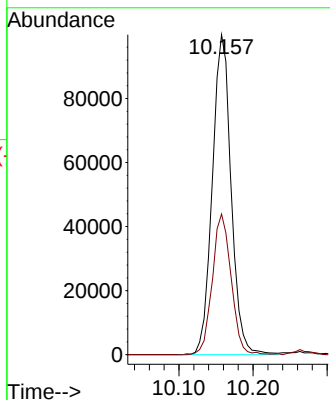
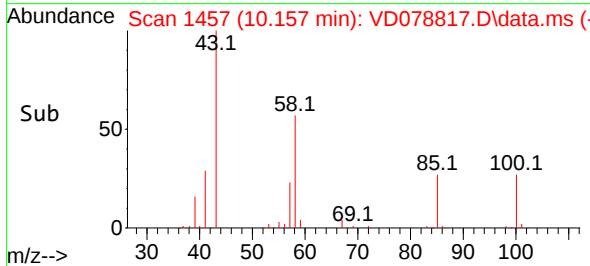
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 176080
Ion Ratio Lower Upper
43 100
58 44.0 36.4 54.6

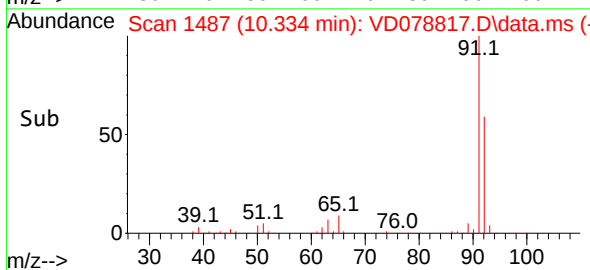
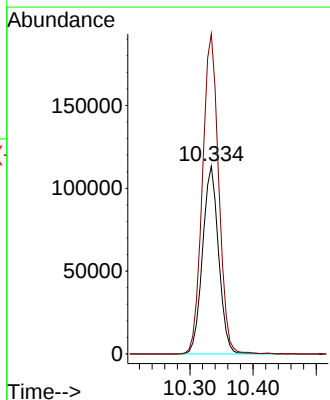
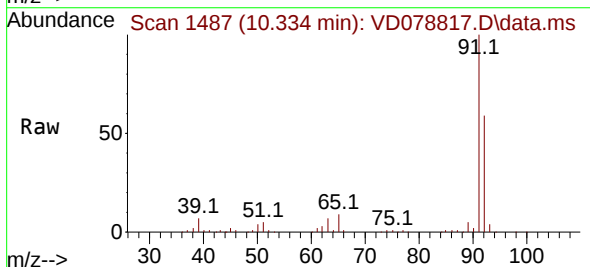
Manual Integrations
APPROVED

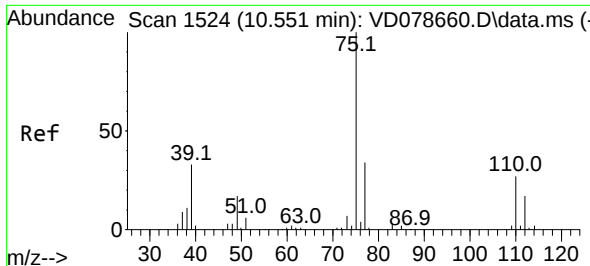
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#52
Toluene
Concen: 50.851 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

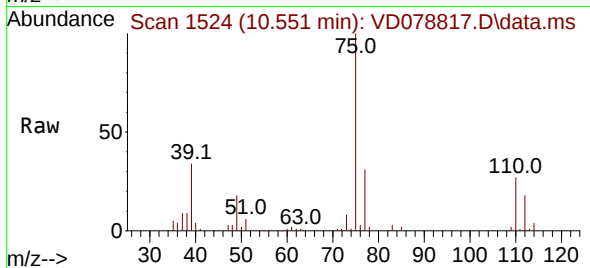
Tgt Ion: 92 Resp: 200057
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 48.869 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

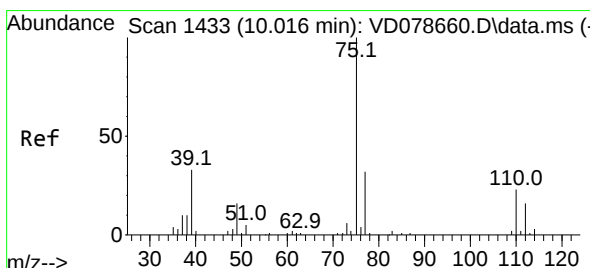
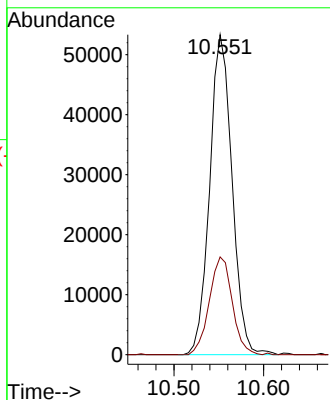
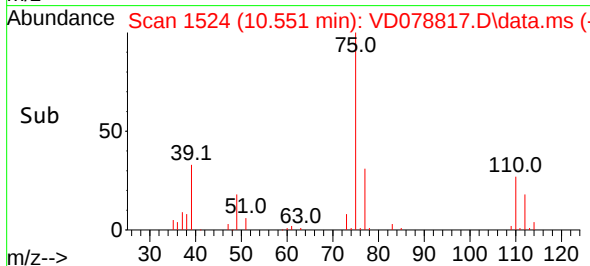
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



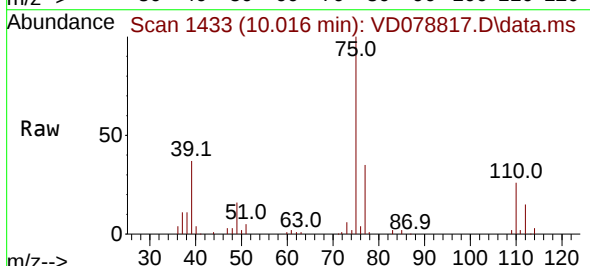
Tgt Ion: 75 Resp: 92428
 Ion Ratio Lower Upper
 75 100
 77 30.5 27.1 40.7

Manual Integrations
 APPROVED

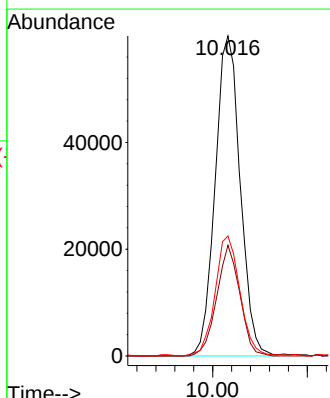
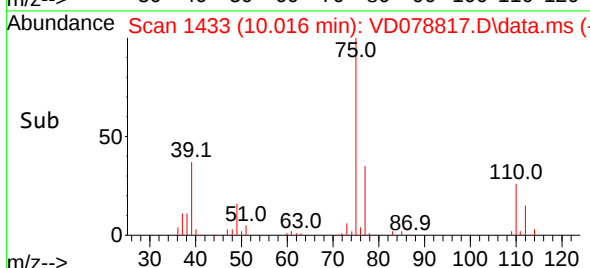
Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

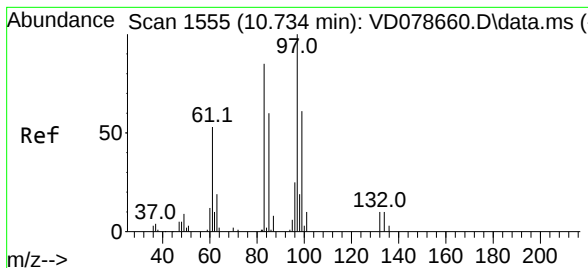


#54
 cis-1,3-Dichloropropene
 Concen: 48.405 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44



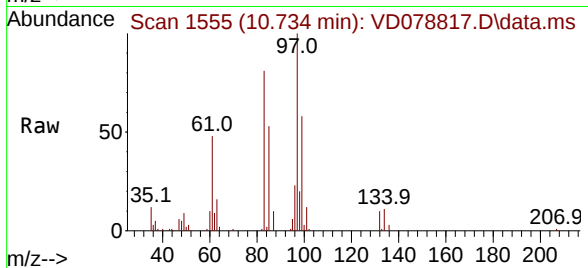
Tgt Ion: 75 Resp: 110057
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.4 38.0
 39 37.5 26.7 40.1





#55
1,1,2-Trichloroethane
Concen: 47.962 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

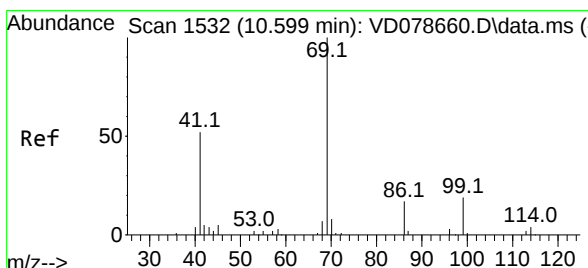
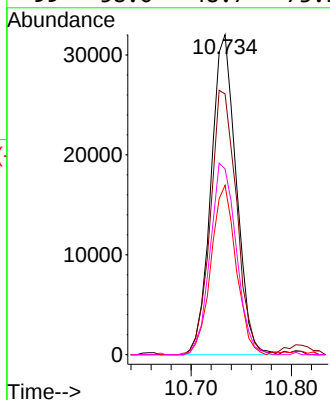
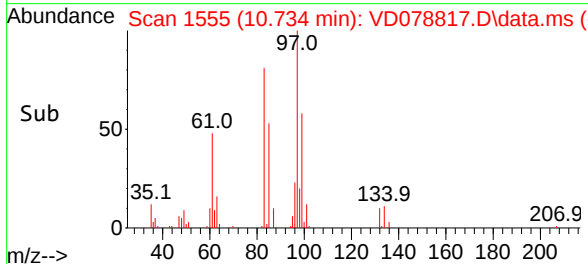
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



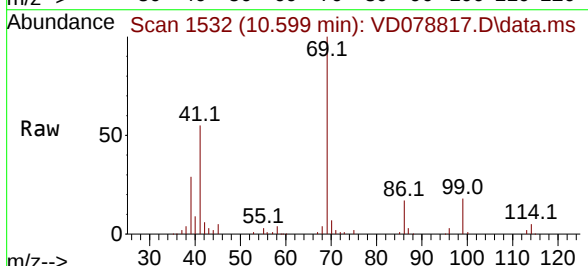
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.1	102.1
85	52.9	48.2	72.2
99	58.0	48.7	73.1

Manual Integrations
APPROVED

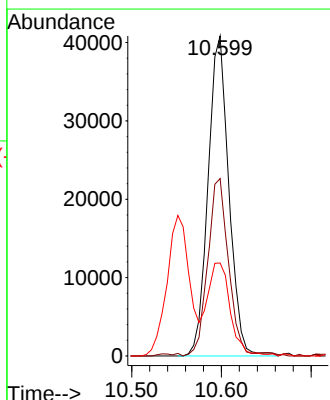
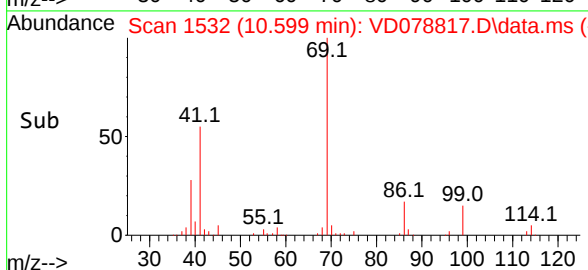
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

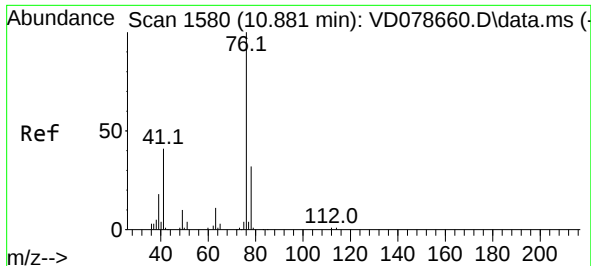


#56
Ethyl methacrylate
Concen: 56.388 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.0	40.9	61.3
39	32.2	25.5	38.3





#57

1,3-Dichloropropane

Concen: 48.501 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 91060

Ion Ratio Lower Upper

76 100

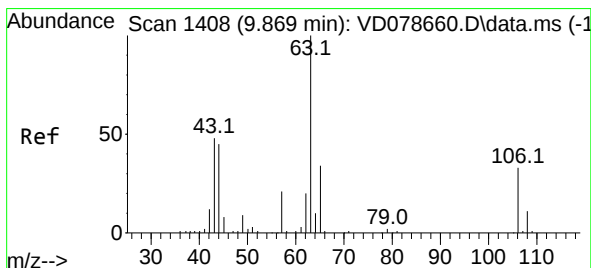
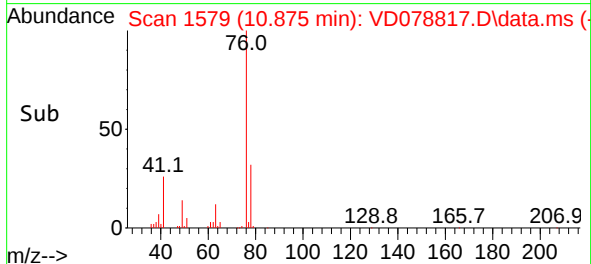
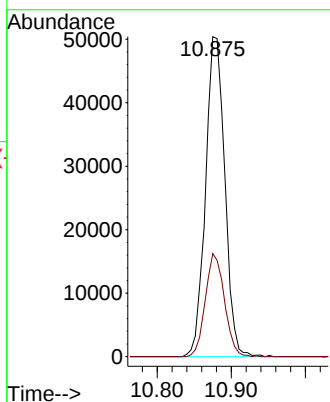
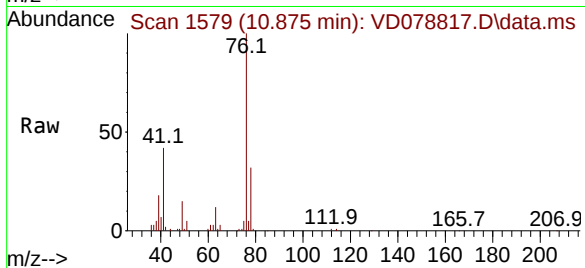
78 32.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 261.984 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078817.D

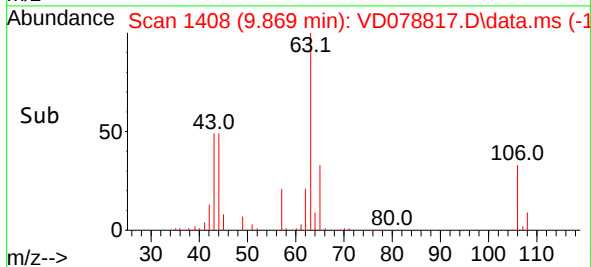
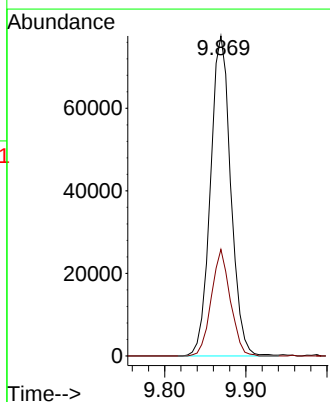
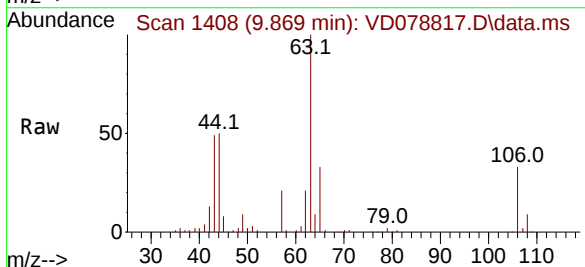
Acq: 16 Apr 2024 10:44

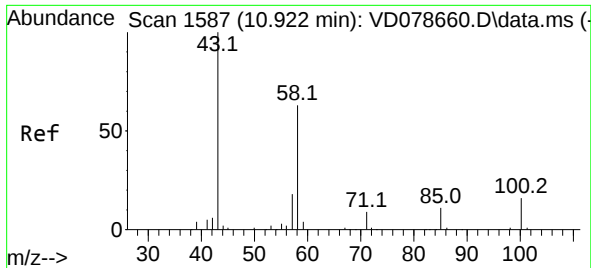
Tgt Ion: 63 Resp: 134755

Ion Ratio Lower Upper

63 100

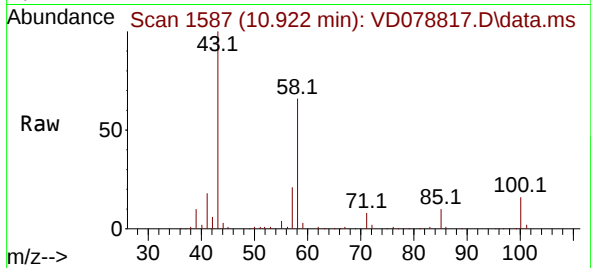
106 31.1 25.2 37.8





#59
2-Hexanone
Concen: 282.577 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

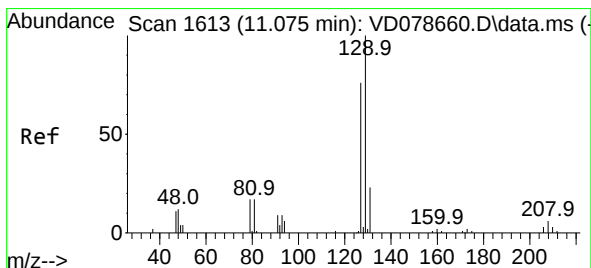
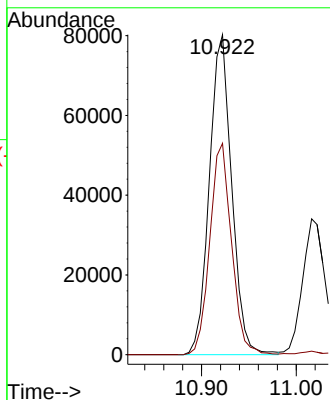
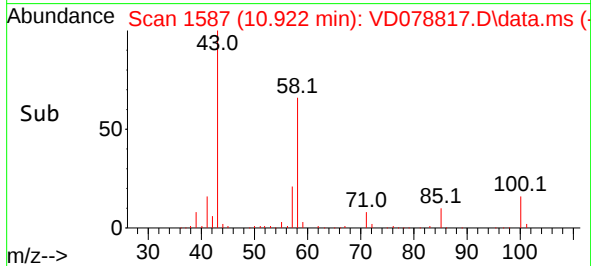
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131529
Ion Ratio Lower Upper
43 100
58 64.2 31.5 94.5

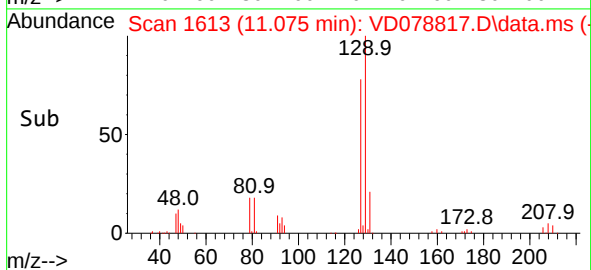
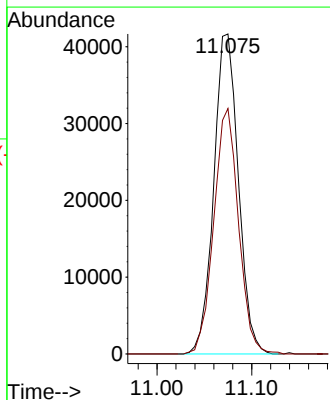
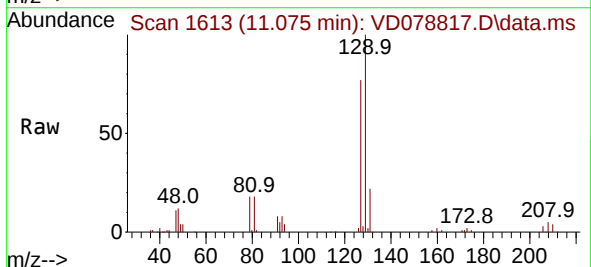
Manual Integrations
APPROVED

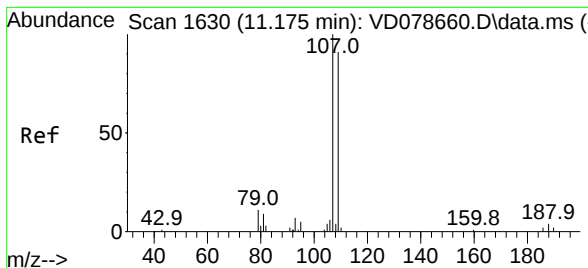
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#60
Dibromochloromethane
Concen: 52.458 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:129 Resp: 75279
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





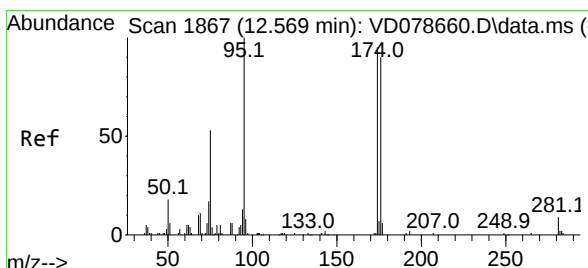
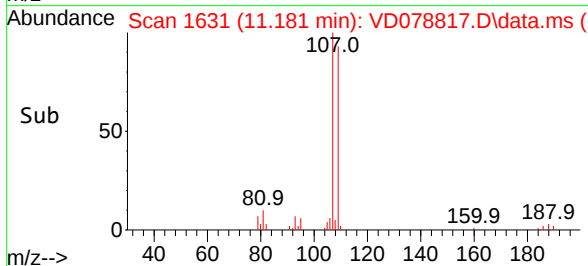
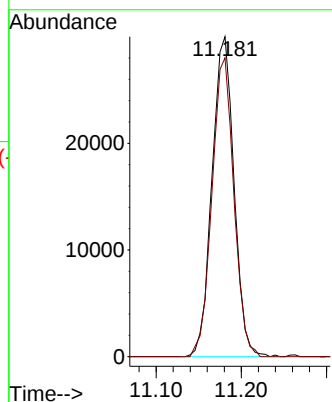
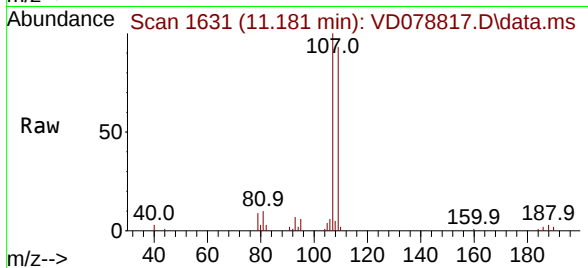
#61
1,2-Dibromoethane
Concen: 47.714 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5373
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2

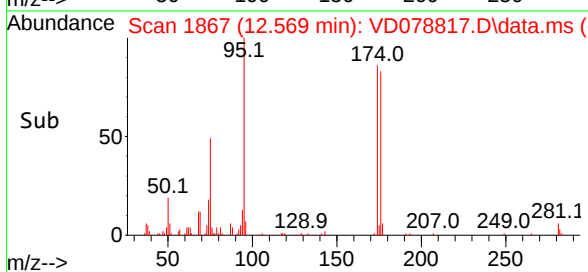
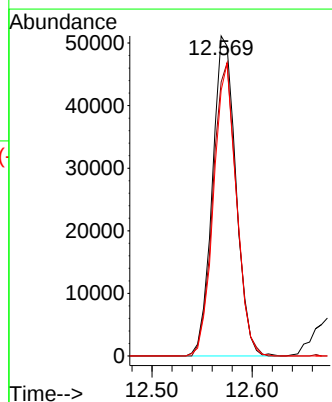
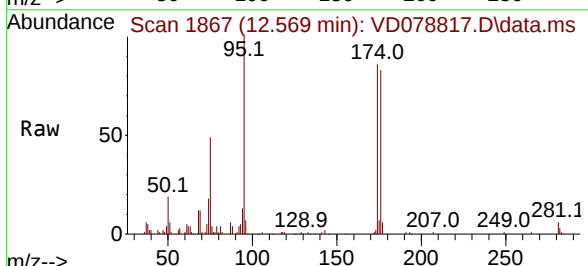
Manual Integrations
APPROVED

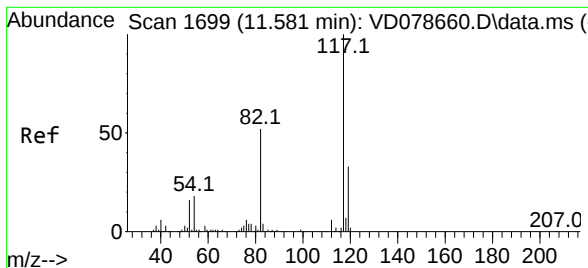
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#62
4-Bromofluorobenzene
Concen: 55.479 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 95 Resp: 83165
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.2
176 88.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

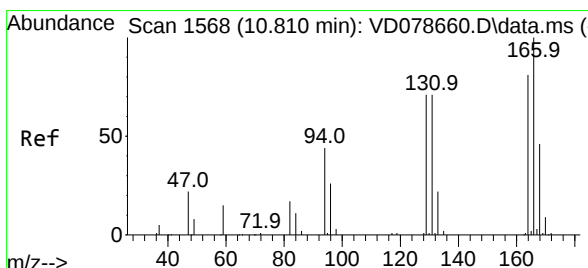
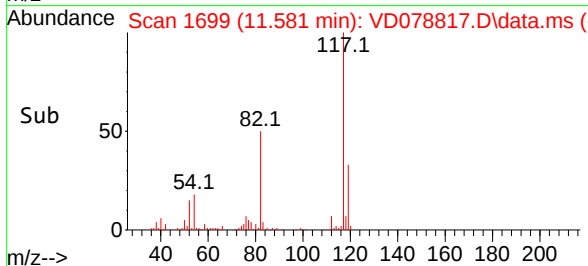
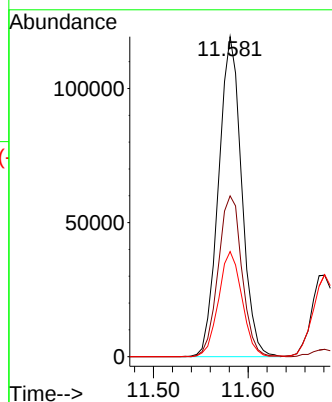
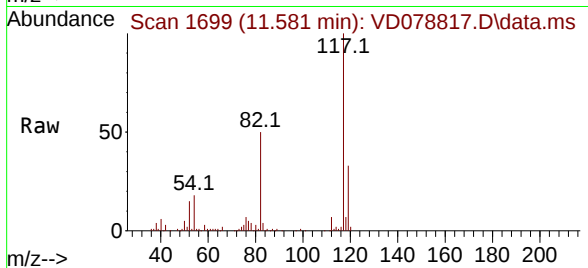
Tgt Ion:117 Resp: 20229

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	32.9	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#64

Tetrachloroethene

Concen: 48.870 ug/l

RT: 10.810 min Scan# 1568

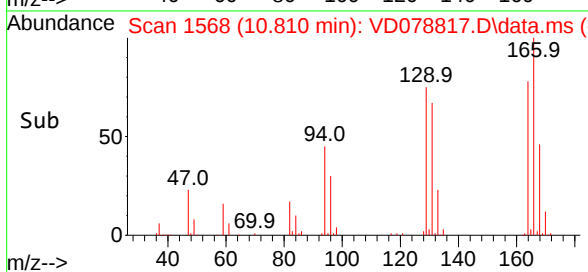
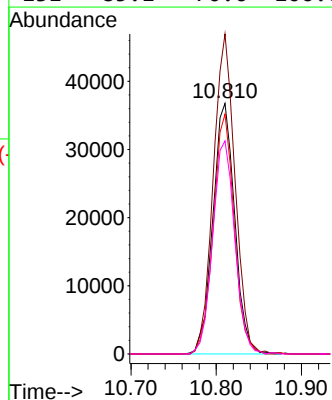
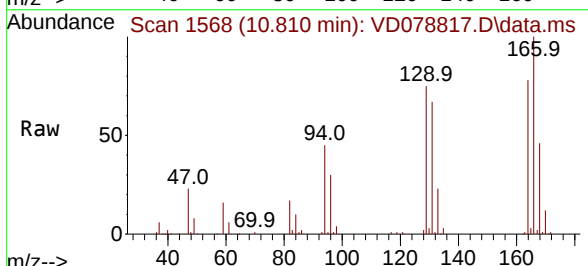
Delta R.T. 0.000 min

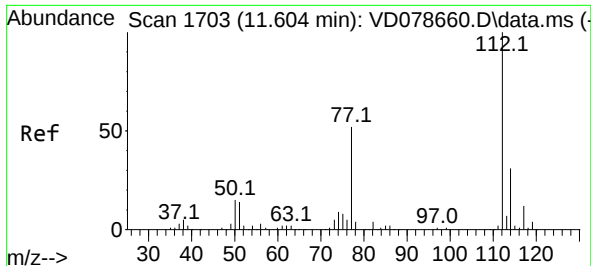
Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion:164 Resp: 65422

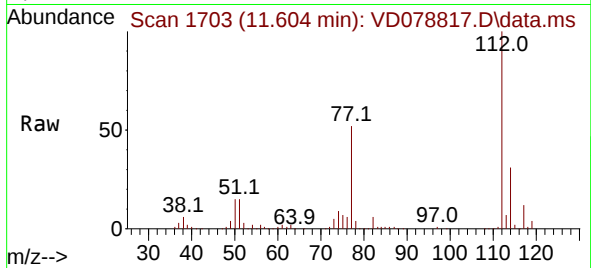
Ion	Ratio	Lower	Upper
164	100		
166	127.7	98.9	148.3
129	95.7	70.3	105.5
131	85.1	70.6	106.0





#65
Chlorobenzene
Concen: 51.847 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

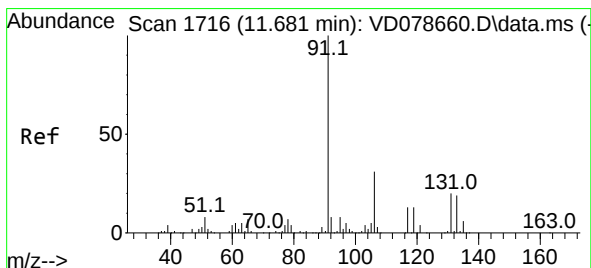
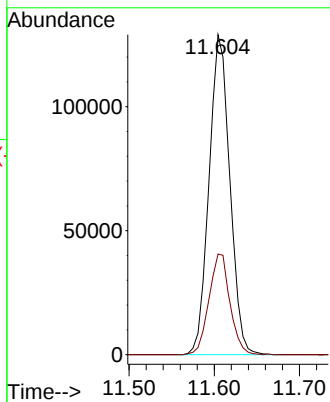
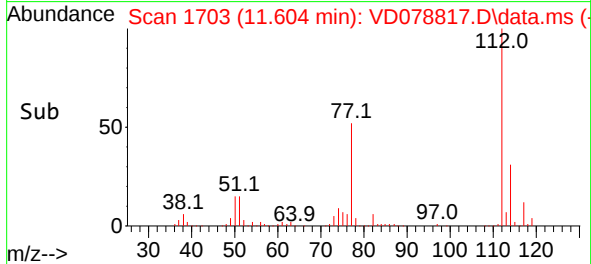
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 21917
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6

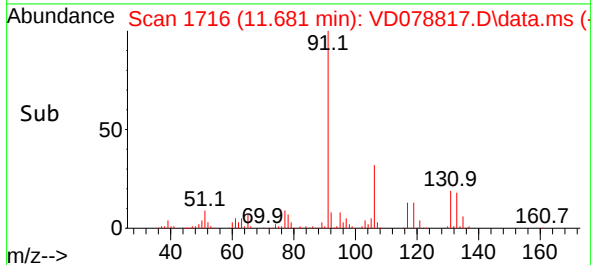
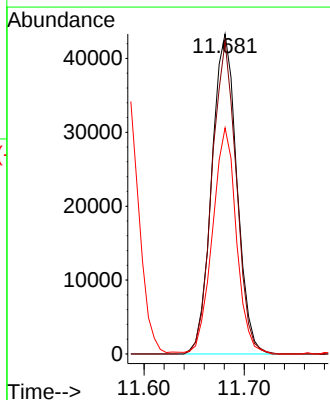
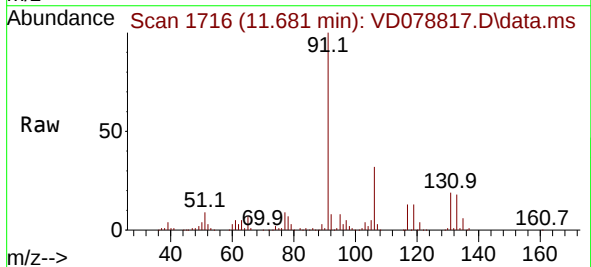
Manual Integrations
APPROVED

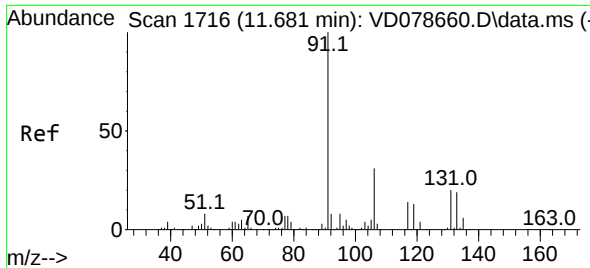
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.608 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

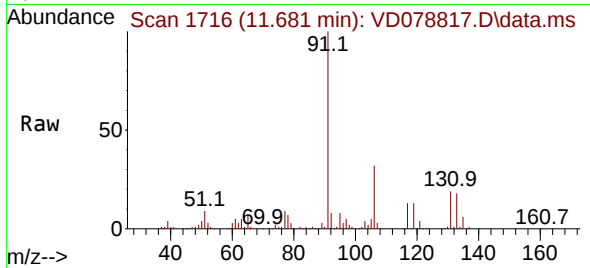
Tgt Ion:131 Resp: 75254
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 67.4 34.1 102.3





#67
Ethyl Benzene
Concen: 51.665 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

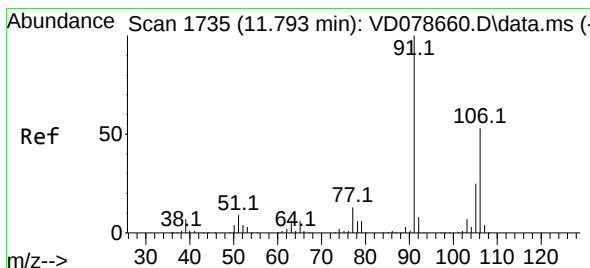
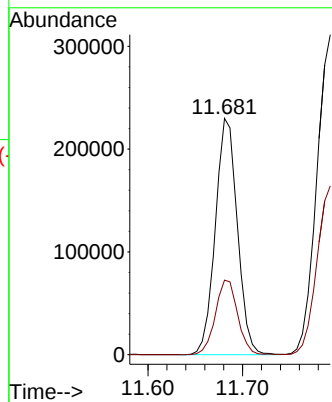
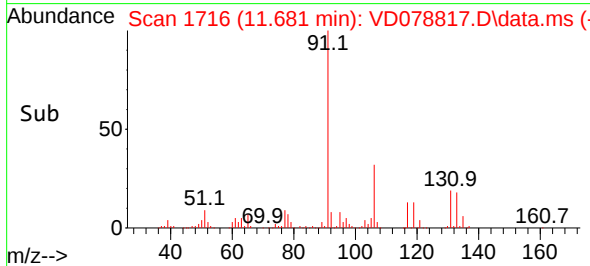
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 372170
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

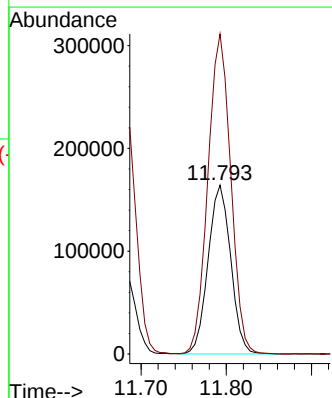
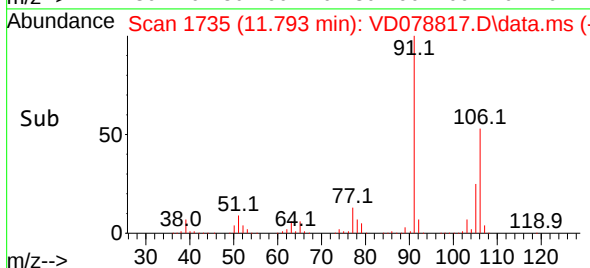
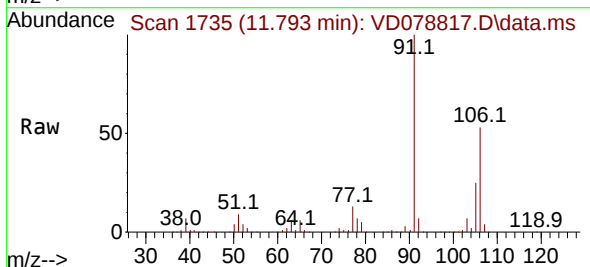
Manual Integrations
APPROVED

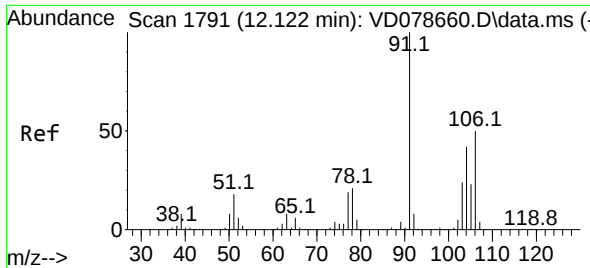
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#68
m/p-Xylenes
Concen: 103.354 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

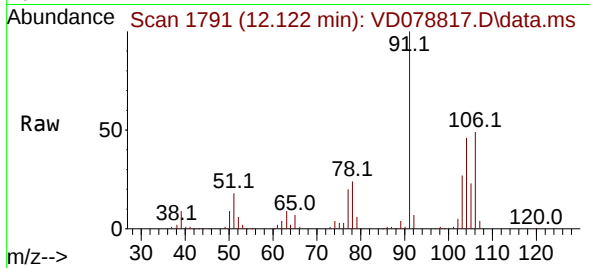
Tgt Ion:106 Resp: 302330
Ion Ratio Lower Upper
106 100
91 191.8 154.4 231.6





#69
o-Xylene
Concen: 50.155 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

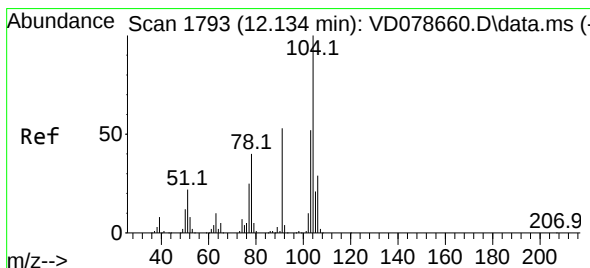
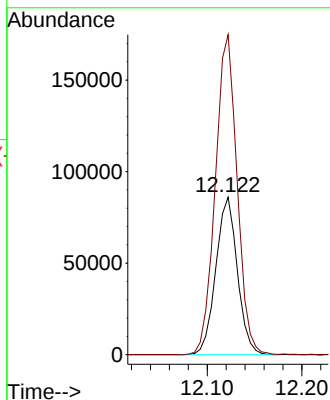
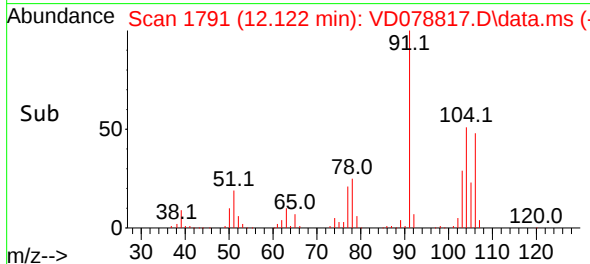
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 13574
Ion Ratio Lower Upper
106 100
91 206.0 99.6 298.7

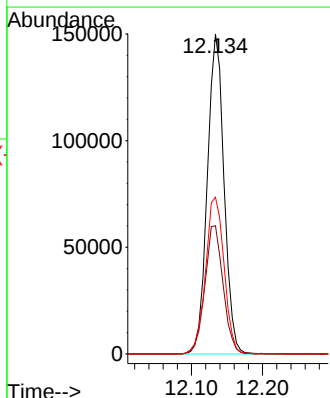
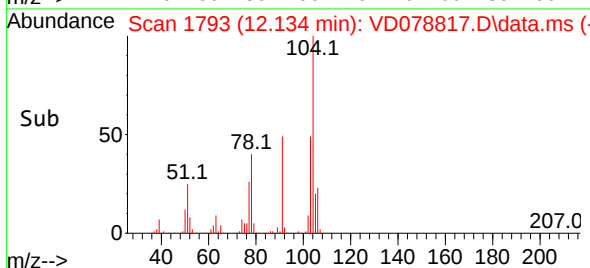
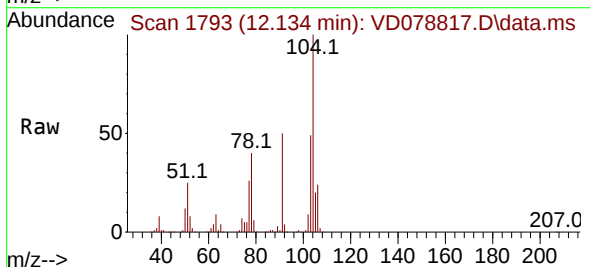
Manual Integrations
APPROVED

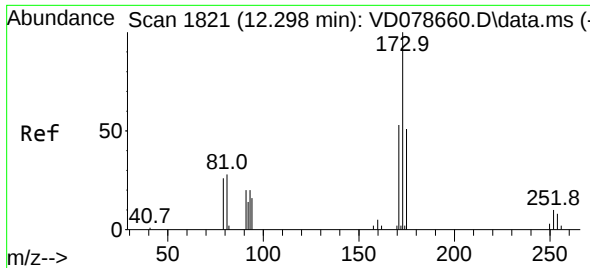
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#70
Styrene
Concen: 53.950 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

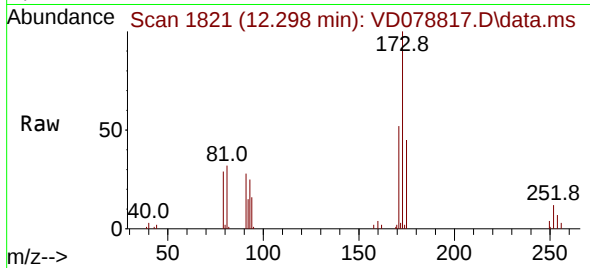
Tgt Ion:104 Resp: 245080
Ion Ratio Lower Upper
104 100
78 44.0 34.6 52.0
103 54.5 44.2 66.2





#71
Bromoform
Concen: 49.632 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

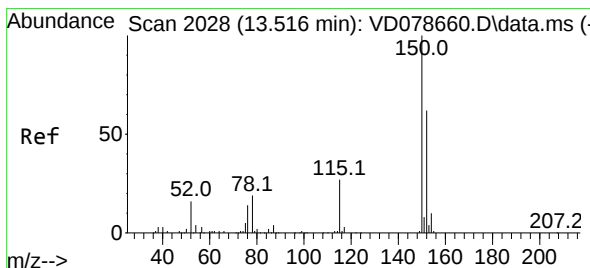
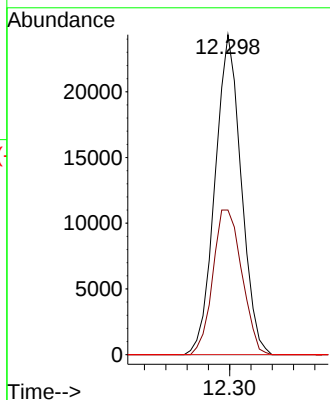
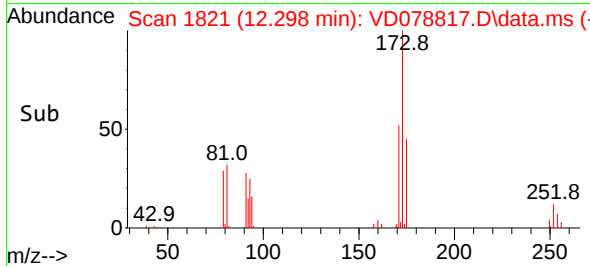
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



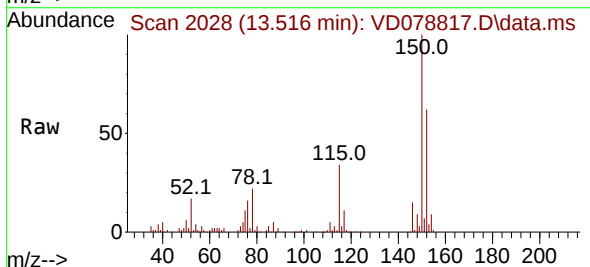
Tgt Ion:173 Resp: 41529
Ion Ratio Lower Upper
173 100
175 50.1 25.8 77.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

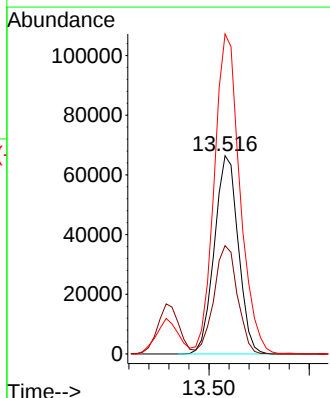
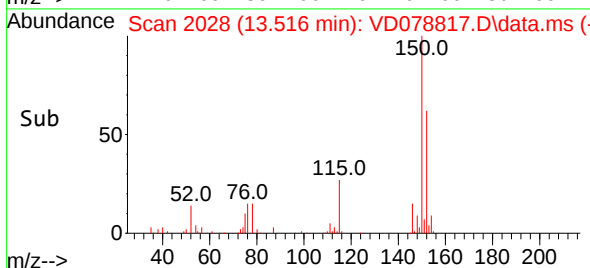
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

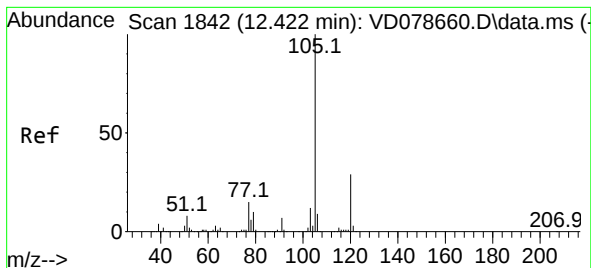


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44



Tgt Ion:152 Resp: 109827
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.2
150 173.9 0.0 350.2





#73

Isopropylbenzene

Concen: 49.147 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 355389

Ion Ratio Lower Upper

105 100

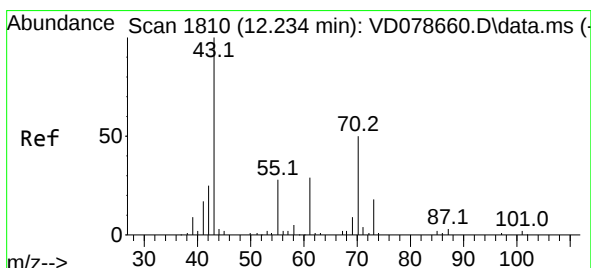
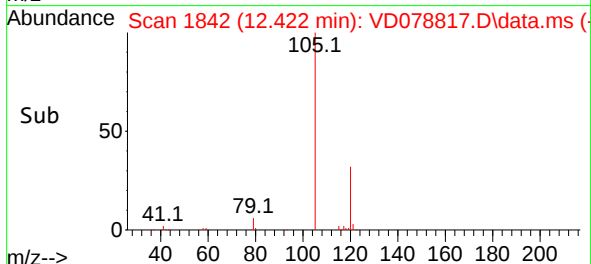
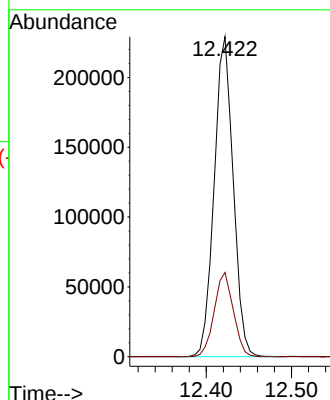
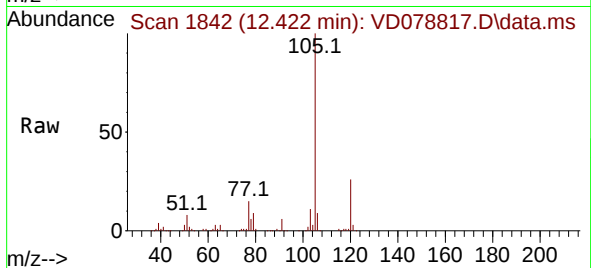
120 26.4 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024

Supervised By :Semsettin Yesilyurt 04/17/2024



#74

N-ethyl acetate

Concen: 54.972 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Tgt Ion: 43 Resp: 64539

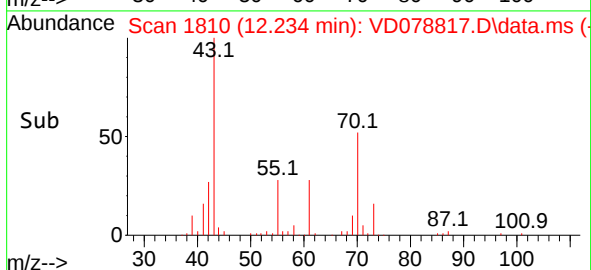
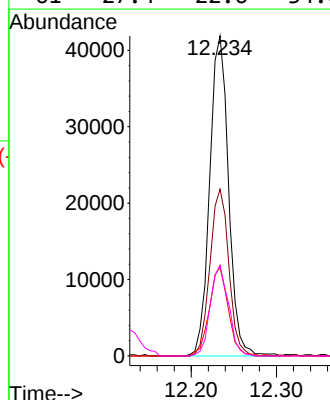
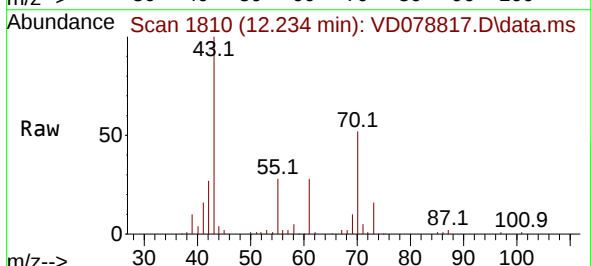
Ion Ratio Lower Upper

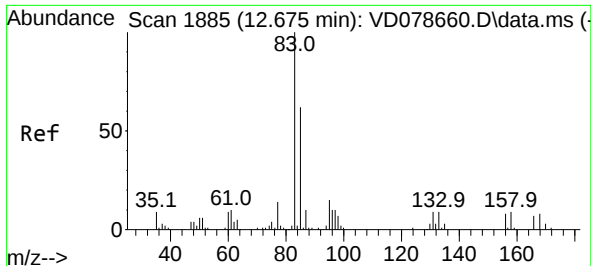
43 100

70 51.9 42.1 63.1

55 27.8 22.6 33.8

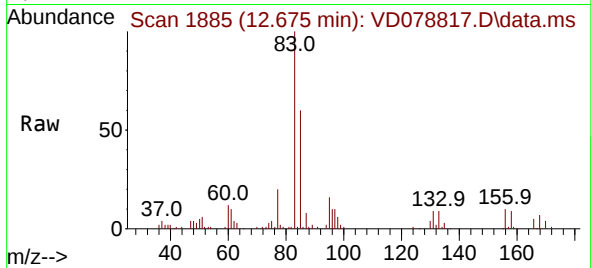
61 27.4 22.6 34.0





#75
1,1,2,2-Tetrachloroethane
Concen: 46.781 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

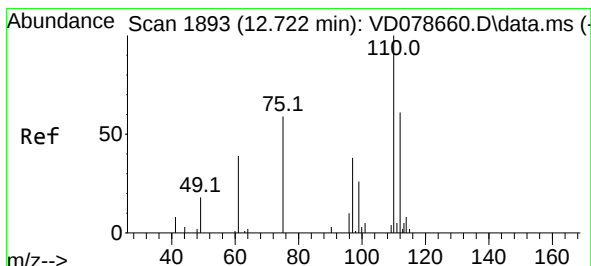
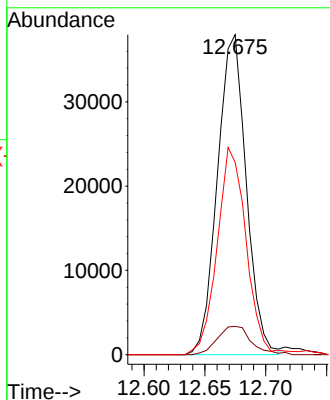
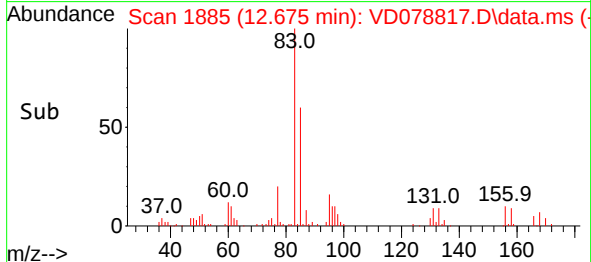
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 6262
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 65.8 32.2 96.6

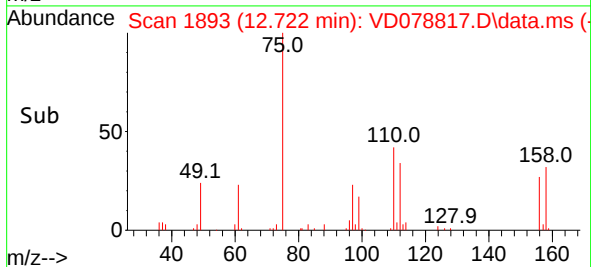
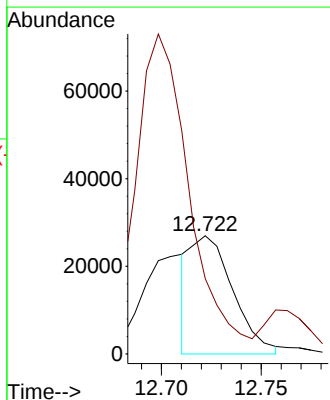
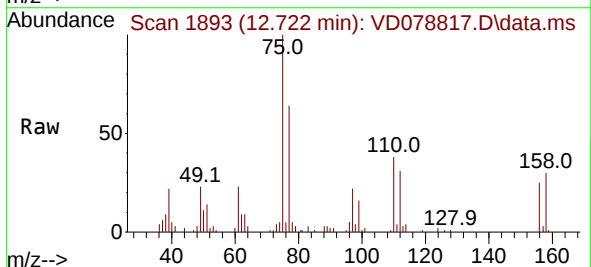
Manual Integrations
APPROVED

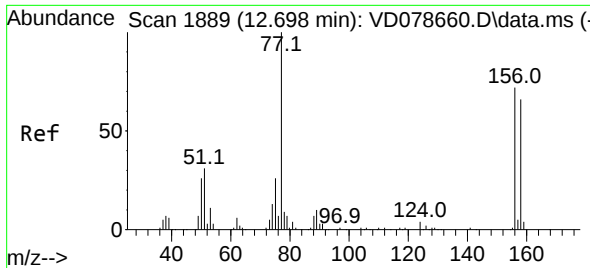
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#76
1,2,3-Trichloropropane
Concen: 47.163 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 75 Resp: 39907
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





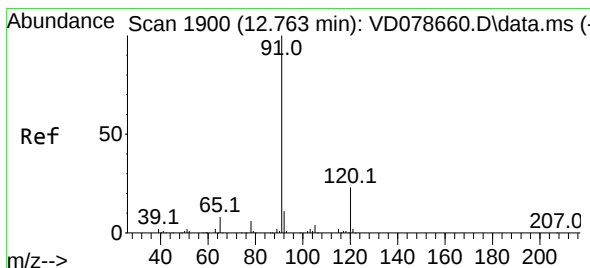
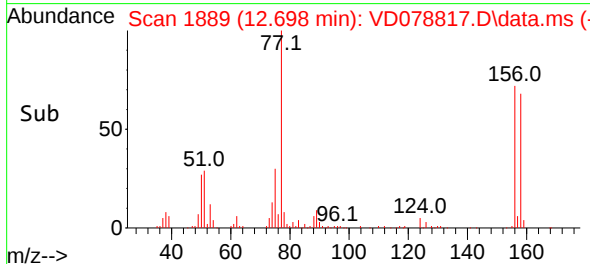
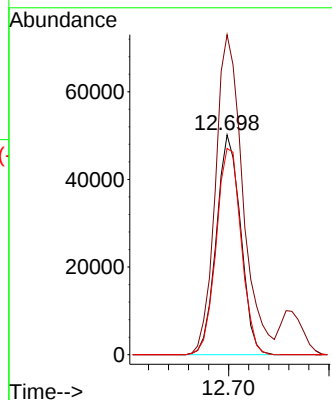
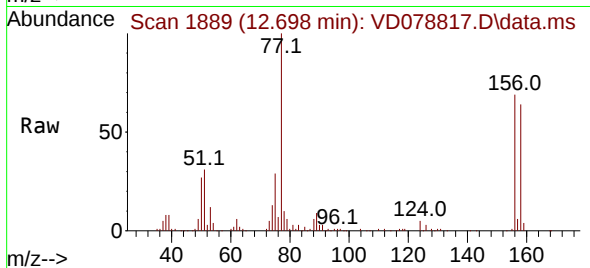
#77
Bromobenzene
Concen: 46.969 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 84229
Ion Ratio Lower Upper
156 100
77 164.3 79.1 237.3
158 96.8 47.0 141.0

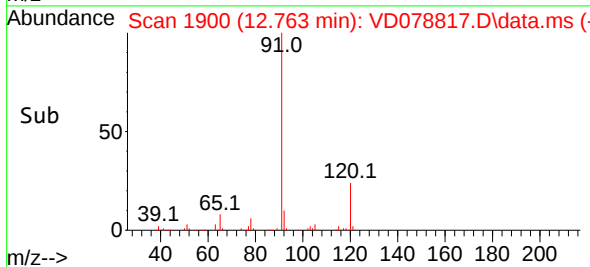
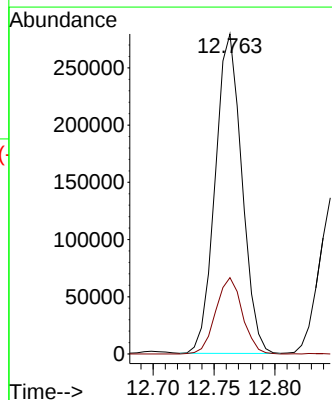
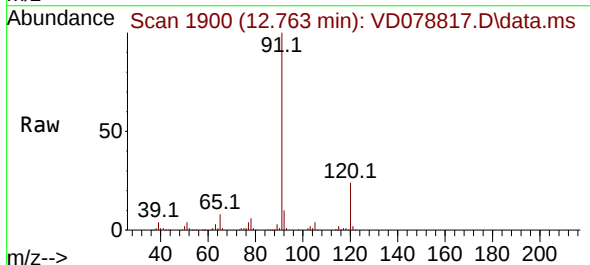
Manual Integrations
APPROVED

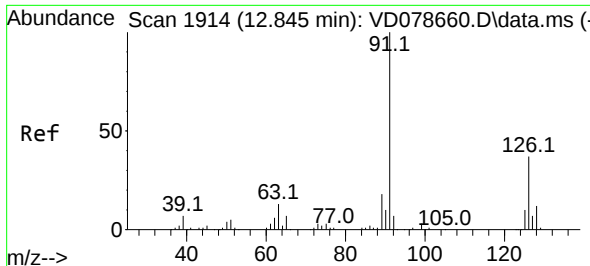
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#78
n-propylbenzene
Concen: 48.388 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 91 Resp: 425902
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.1





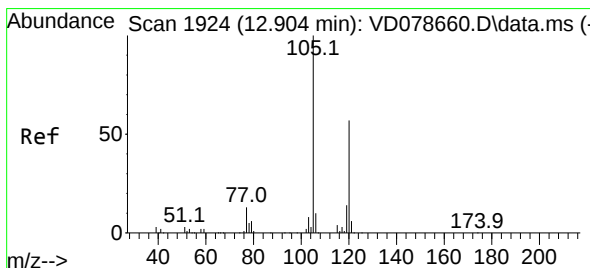
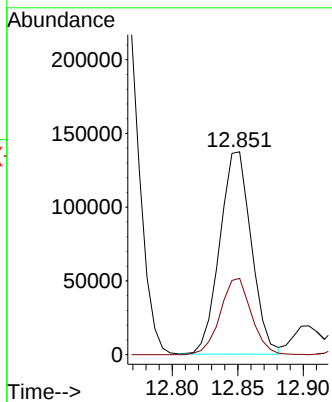
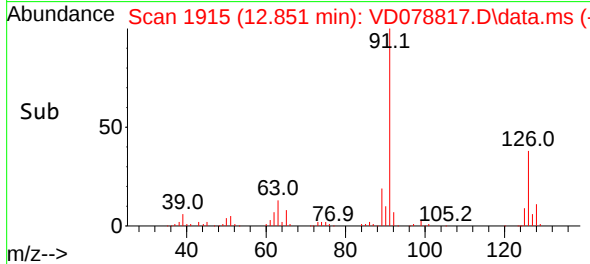
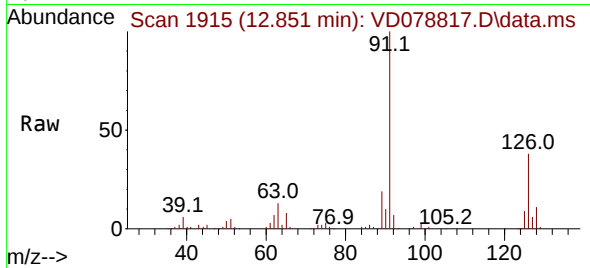
#79
2-Chlorotoluene
Concen: 47.637 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 230018
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1

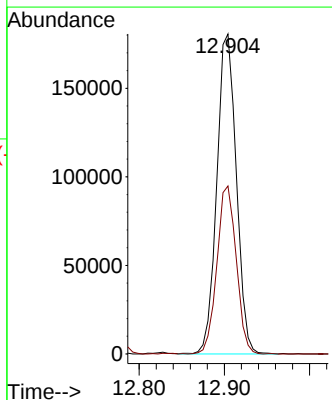
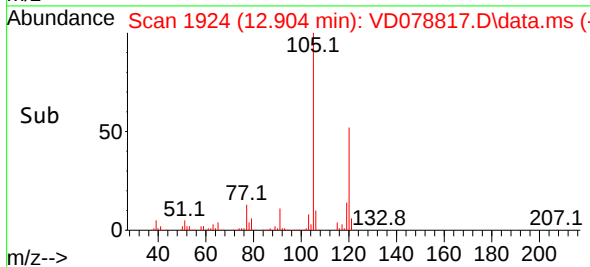
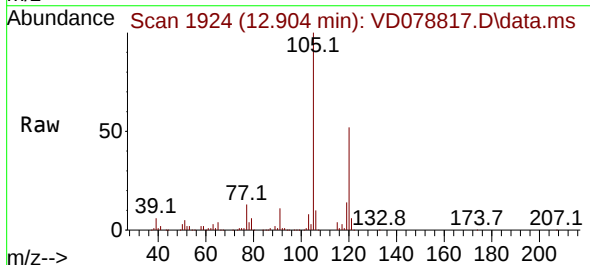
Manual Integrations
APPROVED

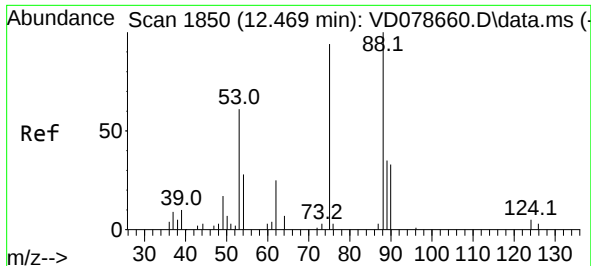
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.175 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

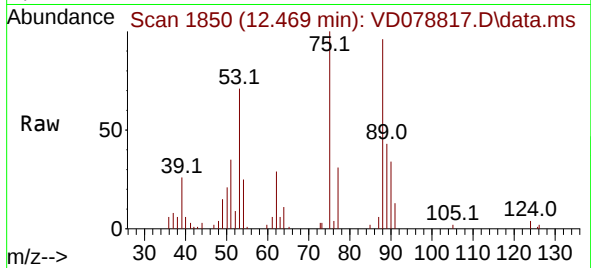
Tgt Ion:105 Resp: 288070
Ion Ratio Lower Upper
105 100
120 51.9 25.9 77.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.372 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

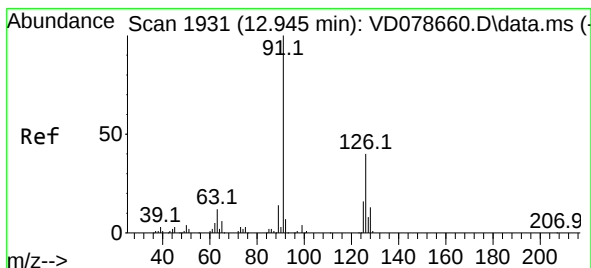
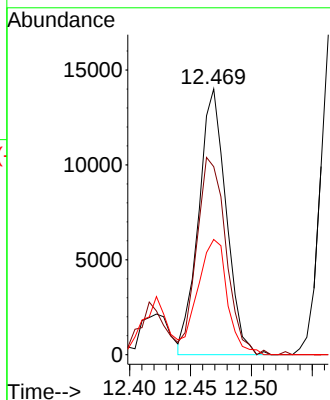
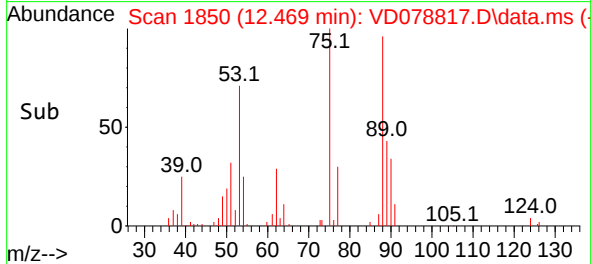
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 21948
Ion Ratio Lower Upper
75 100
53 78.7 61.0 91.6
89 46.7 35.4 53.0

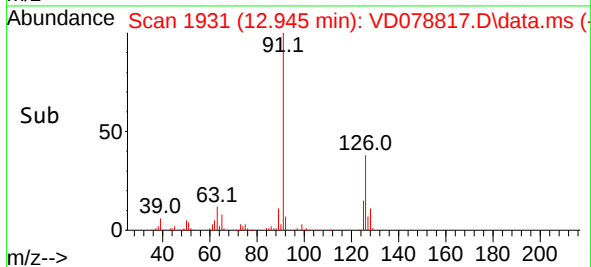
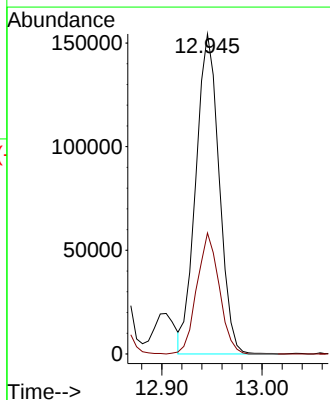
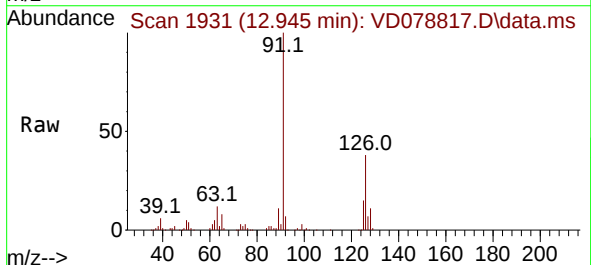
Manual Integrations
APPROVED

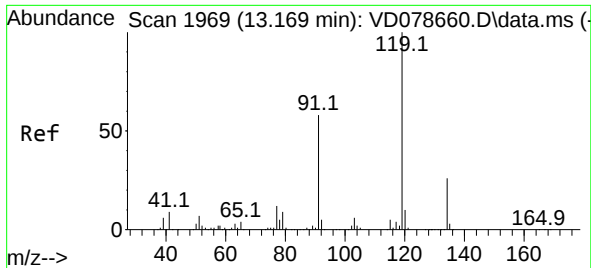
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#82
4-Chlorotoluene
Concen: 48.853 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 91 Resp: 249505
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.5





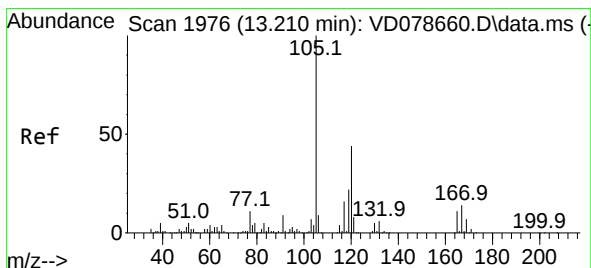
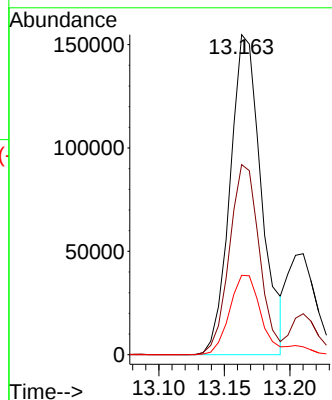
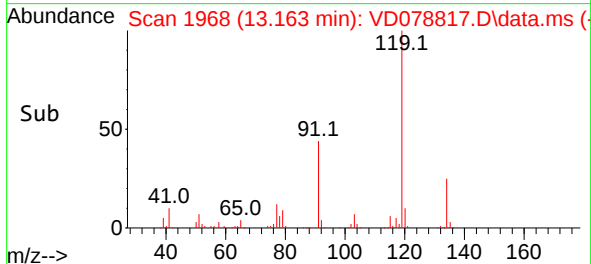
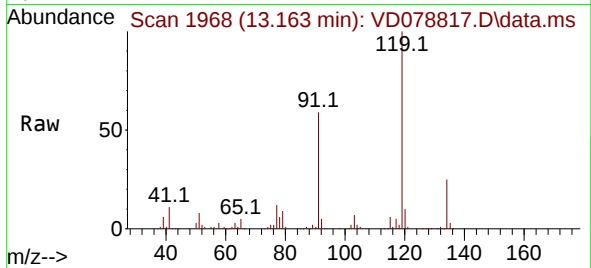
#83
tert-Butylbenzene
Concen: 49.896 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 257264
Ion Ratio Lower Upper
119 100
91 57.1 28.9 86.7
134 26.6 13.6 40.8

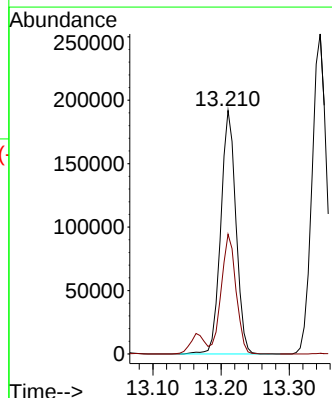
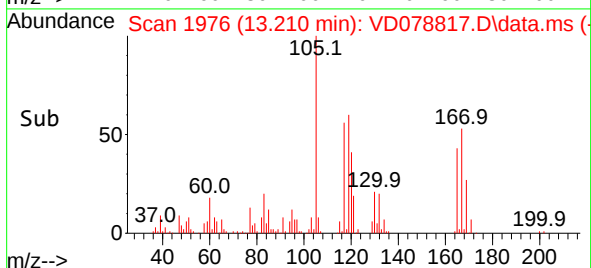
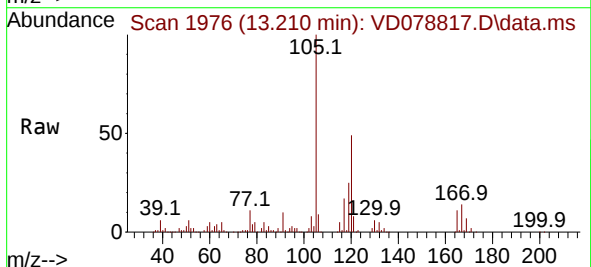
Manual Integrations
APPROVED

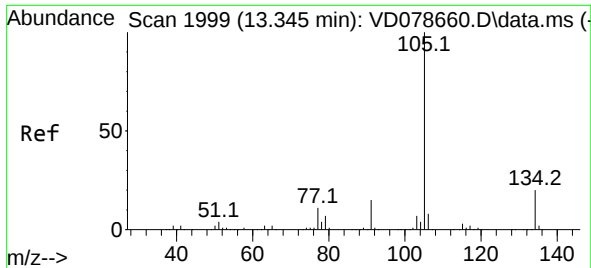
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.171 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

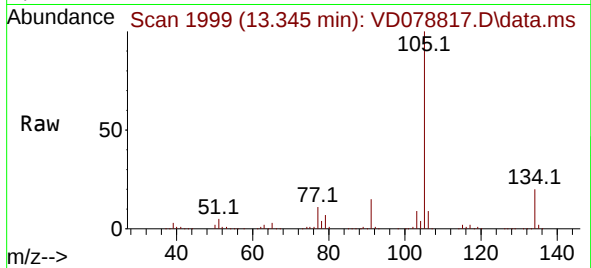
Tgt Ion:105 Resp: 296308
Ion Ratio Lower Upper
105 100
120 48.1 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 48.936 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

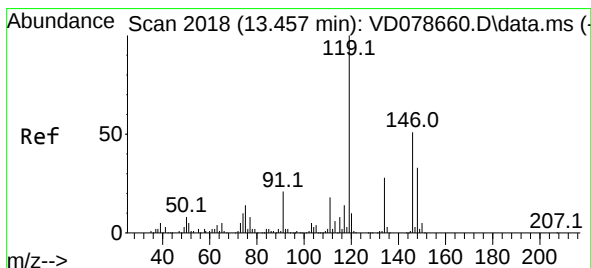
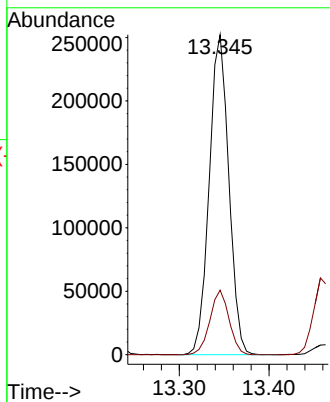
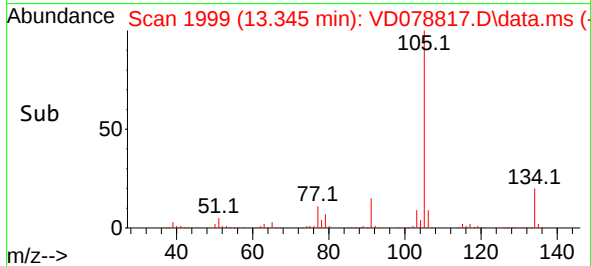
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



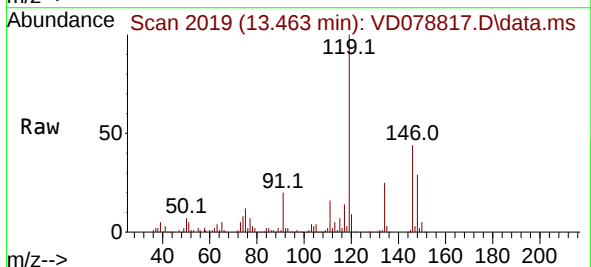
Tgt Ion:105 Resp: 381830
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2

Manual Integrations
 APPROVED

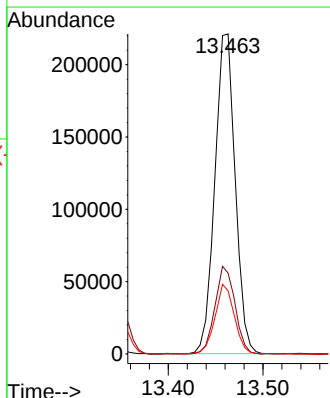
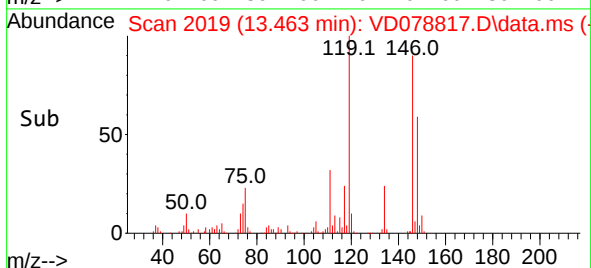
Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

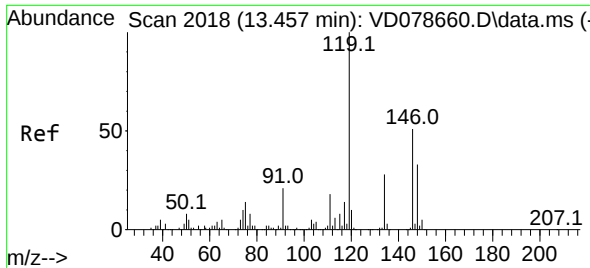


#86
 p-Isopropyltoluene
 Concen: 49.435 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44



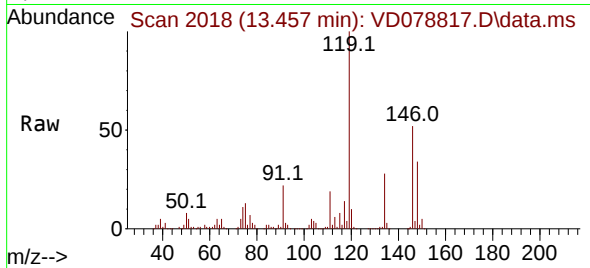
Tgt Ion:119 Resp: 330207
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 20.6 10.4 31.2





#87
 1,3-Dichlorobenzene
 Concen: 47.323 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44

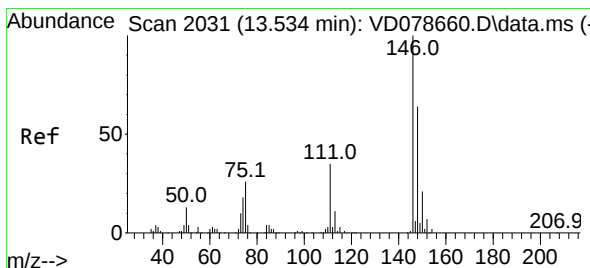
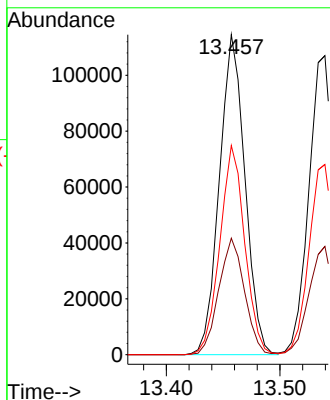
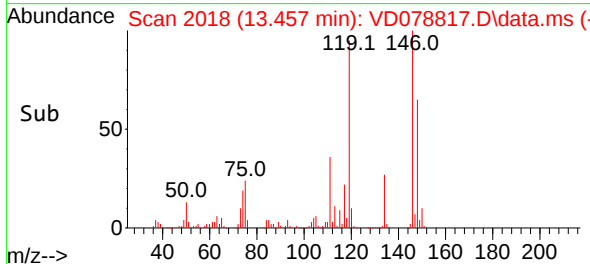
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



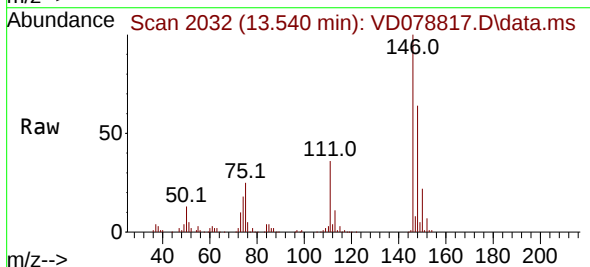
Tgt Ion:146 Resp: 179085
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.2 54.6
 148 63.8 31.1 93.5

Manual Integrations
 APPROVED

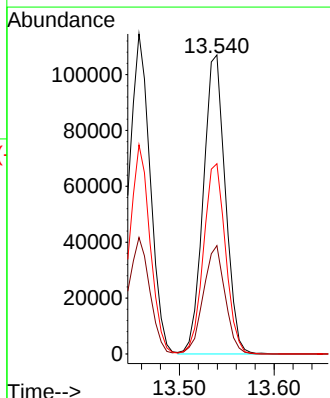
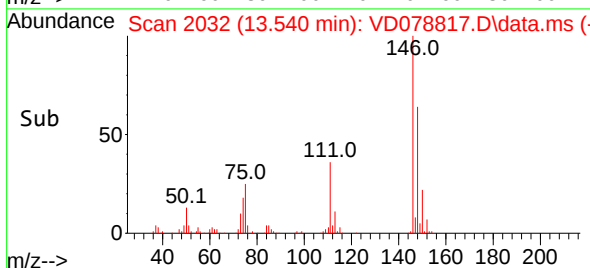
Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

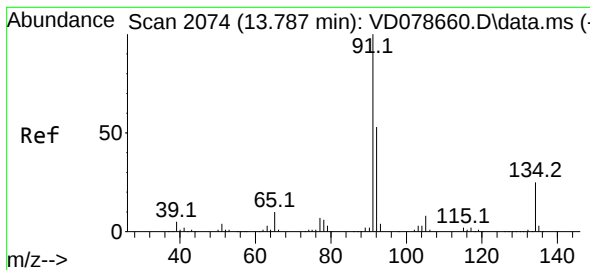


#88
 1,4-Dichlorobenzene
 Concen: 46.246 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: VD078817.D
 Acq: 16 Apr 2024 10:44



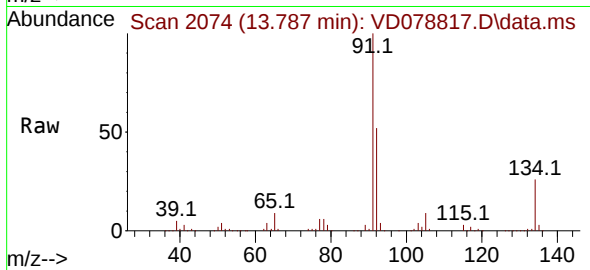
Tgt Ion:146 Resp: 172474
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.8 53.3
 148 63.8 32.4 97.0





#89
n-Butylbenzene
Concen: 49.096 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

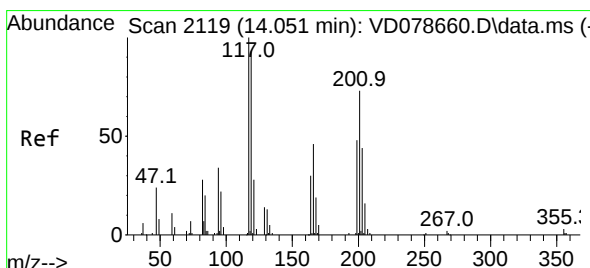
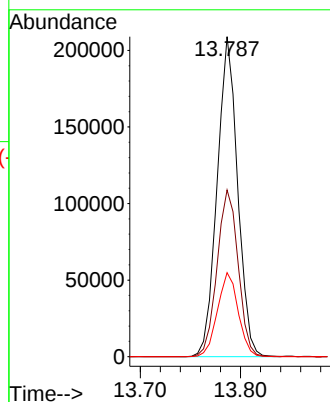
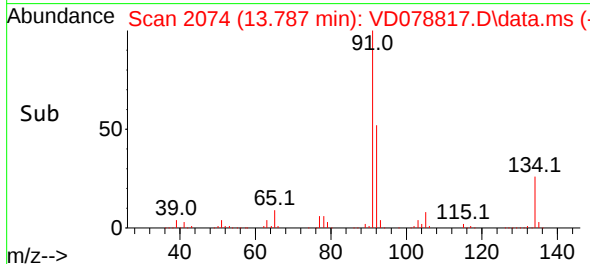
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 296170
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 26.6 13.0 38.9

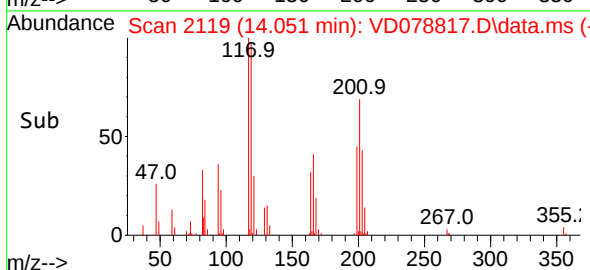
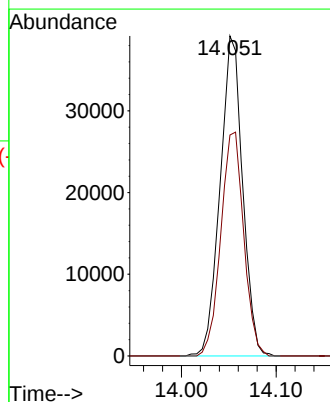
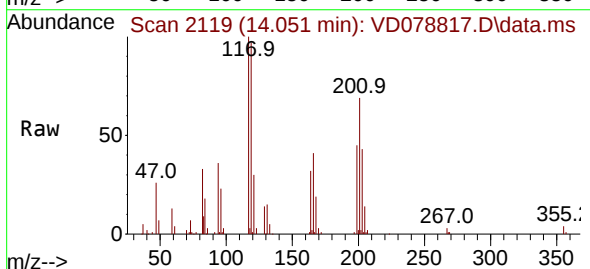
Manual Integrations
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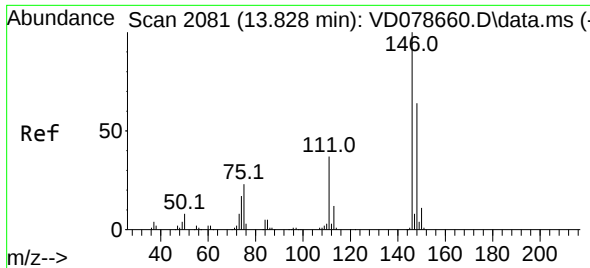
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#90
Hexachloroethane
Concen: 46.758 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:117 Resp: 64626
Ion Ratio Lower Upper
117 100
201 71.2 36.2 108.6





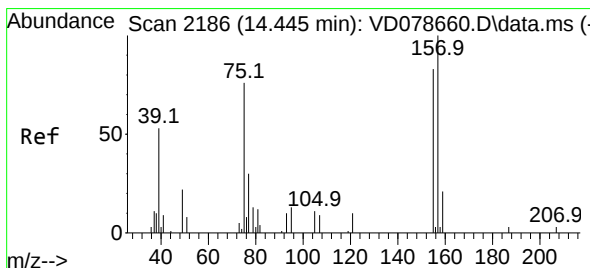
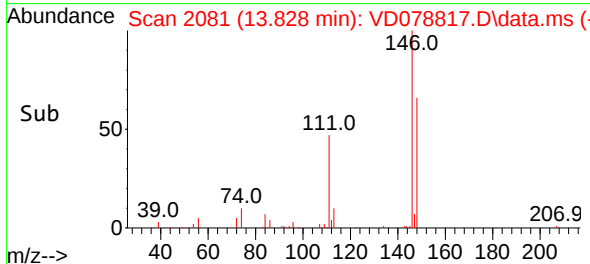
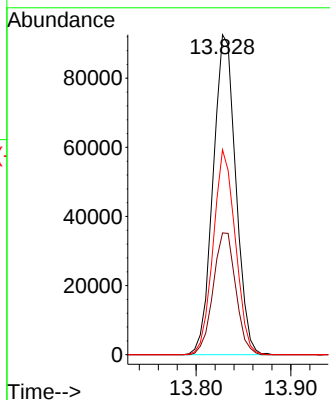
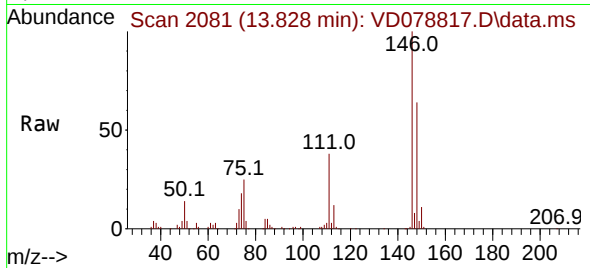
#91
1,2-Dichlorobenzene
Concen: 47.324 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 15424
Ion Ratio Lower Upper
146 100
111 37.9 18.6 56.0
148 62.4 32.1 96.5

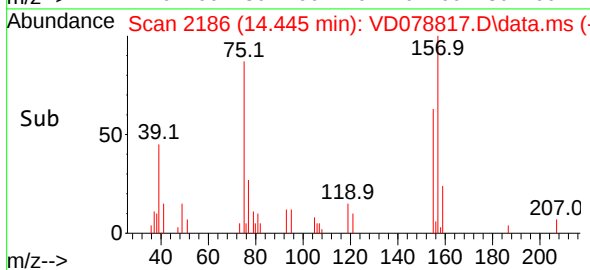
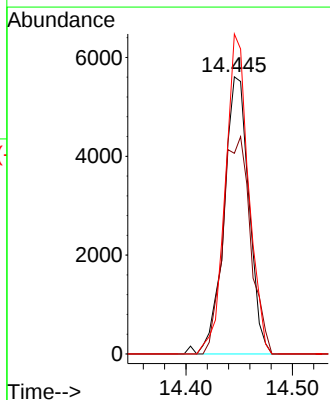
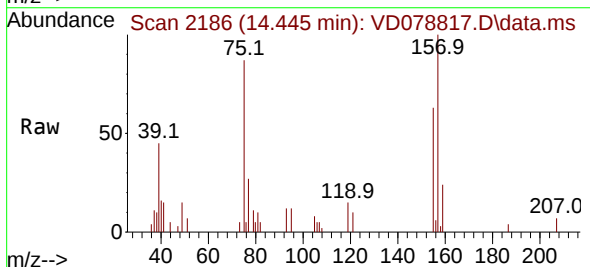
Manual Integrations
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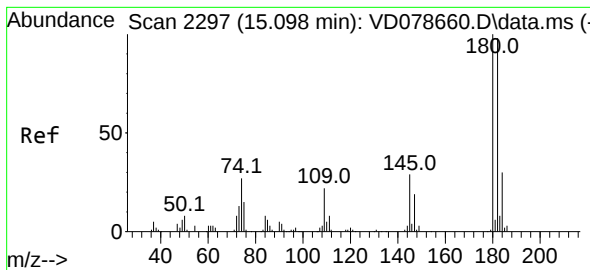
Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.807 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion: 75 Resp: 9098
Ion Ratio Lower Upper
75 100
155 86.9 49.8 149.3
157 108.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 46.535 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

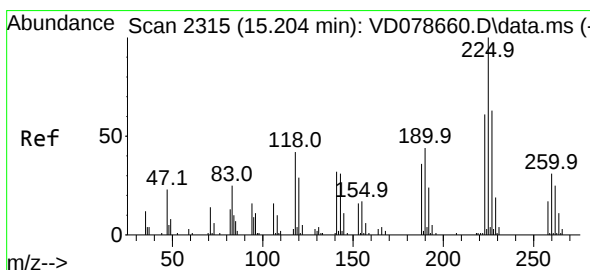
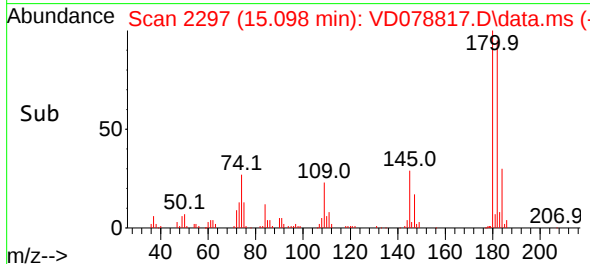
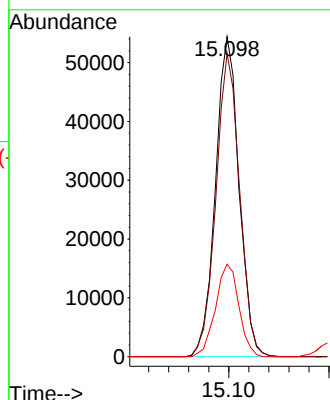
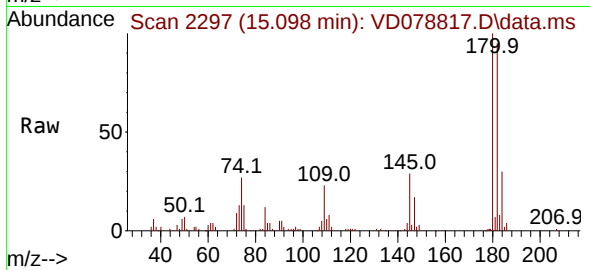
VSTDCCC050

Tgt Ion:180	Resp:	88510
Ion Ratio	Lower	Upper
180	100	
182	95.3	49.7 149.1
145	28.8	14.6 44.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#94

Hexachlorobutadiene

Concen: 44.307 ug/l

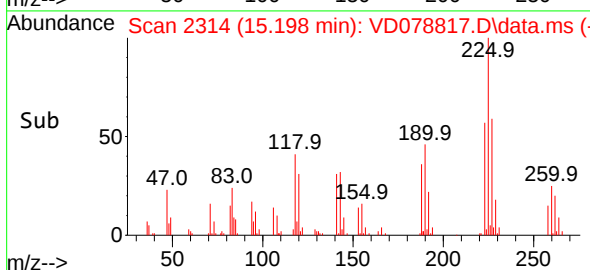
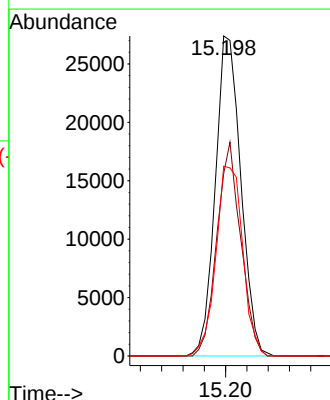
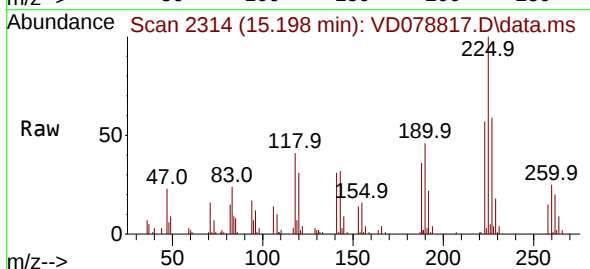
RT: 15.198 min Scan# 2314

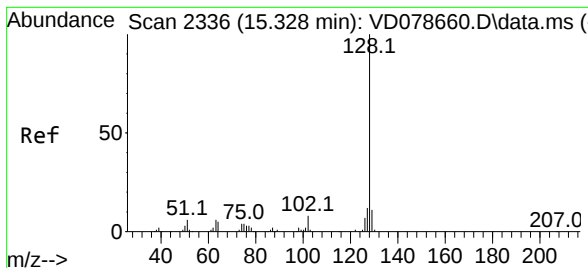
Delta R.T. -0.006 min

Lab File: VD078817.D

Acq: 16 Apr 2024 10:44

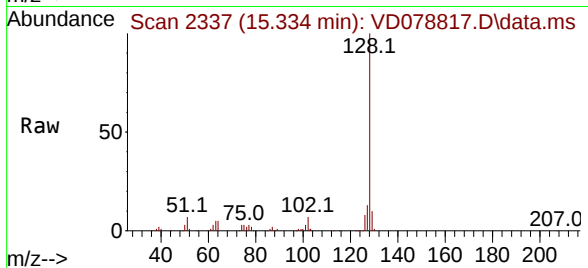
Tgt Ion:225	Resp:	45626
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.9 95.7
227	62.3	32.0 96.0





#95
Naphthalene
Concen: 49.982 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

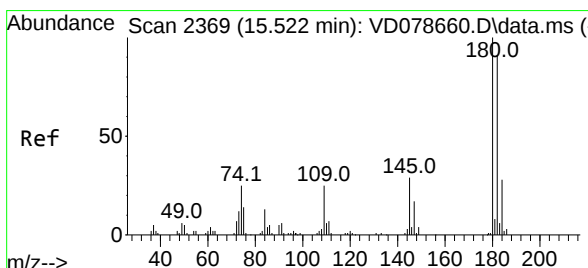
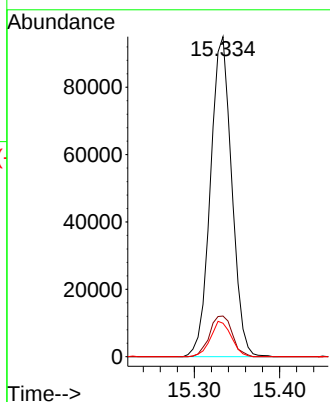
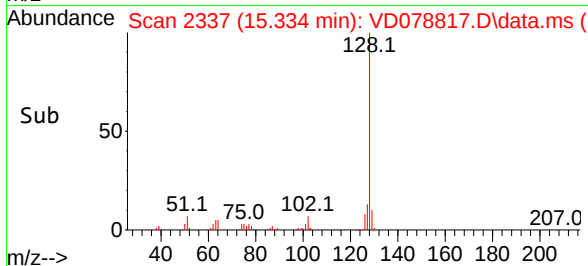
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 165294
Ion Ratio Lower Upper
128 100
127 12.7 9.3 13.9
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.442 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078817.D
Acq: 16 Apr 2024 10:44

Tgt Ion:180 Resp: 78069
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.1
145 30.9 14.4 43.4

