

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078019.D
 Acq On : 21 Dec 2023 04:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

Quant Time: Dec 21 05:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	102206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65041	54.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.020%			
35) Dibromofluoromethane	7.810	113	69639	53.903	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.800%			
50) Toluene-d8	10.269	98	272824	52.726	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.460%			
62) 4-Bromofluorobenzene	12.575	95	85103	55.011	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48093	37.669	ug/l	99
3) Chloromethane	2.152	50	89119	51.210	ug/l	99
4) Vinyl Chloride	2.287	62	124282	52.606	ug/l	98
5) Bromomethane	2.699	94	99271	74.884	ug/l	99
6) Chloroethane	2.846	64	97475	60.518	ug/l	94
7) Trichlorofluoromethane	3.181	101	101180	46.501	ug/l	97
8) Diethyl Ether	3.599	74	32914	53.871	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.975	101	60223	48.381	ug/l	96
10) Methyl Iodide	4.175	142	72086	63.908	ug/l #	89
11) Tert butyl alcohol	5.058	59	12862	220.438	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	61537	50.089	ug/l #	78
13) Acrolein	3.799	56	17799	139.712	ug/l	95
14) Allyl chloride	4.569	41	85690	50.714	ug/l	90
15) Acrylonitrile	5.264	53	71398	272.933	ug/l	99
16) Acetone	4.022	43	55024	205.825	ug/l	88
17) Carbon Disulfide	4.275	76	182121	43.817	ug/l	97
18) Methyl Acetate	4.569	43	58320	61.487	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	149231	57.252	ug/l	92
20) Methylene Chloride	4.805	84	82862	58.965	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	78054	56.092	ug/l	92
22) Diisopropyl ether	6.216	45	198186	56.128	ug/l	93
23) Vinyl Acetate	6.164	43	426719m	247.472	ug/l	
24) 1,1-Dichloroethane	6.116	63	137936	57.685	ug/l	98
25) 2-Butanone	7.087	43	78802	237.267	ug/l	88
26) 2,2-Dichloropropane	7.081	77	102446	51.028	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	92741	61.938	ug/l	95
28) Bromochloromethane	7.428	49	48483	50.178	ug/l #	79
29) Tetrahydrofuran	7.440	42	49789	259.613	ug/l	87
30) Chloroform	7.605	83	146451	61.196	ug/l	95
31) Cyclohexane	7.887	56	91675	42.796	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	116902	55.412	ug/l	99
36) 1,1-Dichloropropene	8.010	75	103014	49.849	ug/l	97
37) Ethyl Acetate	7.169	43	36544	45.352	ug/l #	92
38) Carbon Tetrachloride	7.999	117	102714	49.857	ug/l	97
39) Methylcyclohexane	9.281	83	107934	44.057	ug/l	97
40) Benzene	8.258	78	314652	53.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18748	45.777	ug/l #	90
42) 1,2-Dichloroethane	8.334	62	83121	54.672	ug/l	96
43) Isopropyl Acetate	8.363	43	69618	48.603	ug/l	95
44) Trichloroethene	9.034	130	82569	54.021	ug/l	99
45) 1,2-Dichloropropane	9.310	63	80130	56.199	ug/l	98
46) Dibromomethane	9.393	93	43536	57.708	ug/l	93
47) Bromodichloromethane	9.587	83	112503	58.834	ug/l	99
48) Methyl methacrylate	9.381	41	41010	50.366	ug/l #	79
49) 1,4-Dioxane	9.387	88	7499	1001.045	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	180718	247.209	ug/l	91
52) Toluene	10.334	92	204242	56.137	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	100043	54.481	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	120959	54.483	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	58945	57.121	ug/l	94
56) Ethyl methacrylate	10.599	69	50836	55.884	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	101866	57.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	120331	231.955	ug/l	94
59) 2-Hexanone	10.922	43	122560	202.078	ug/l	92
60) Dibromochloromethane	11.075	129	73994	59.556	ug/l	95
61) 1,2-Dibromoethane	11.181	107	55459	57.092	ug/l	99
64) Tetrachloroethene	10.810	164	68767	51.902	ug/l	90
65) Chlorobenzene	11.610	112	222098	52.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	81946	54.666	ug/l	97
67) Ethyl Benzene	11.687	91	404005	53.831	ug/l	95
68) m/p-Xylenes	11.793	106	309699	107.882	ug/l	92
69) o-Xylene	12.122	106	145626	55.042	ug/l	92
70) Styrene	12.134	104	223490	56.809	ug/l	95
71) Bromoform	12.298	173	42969	54.859	ug/l #	99
73) Isopropylbenzene	12.422	105	383016	49.678	ug/l	97
74) N-amyl acetate	12.234	43	62341	41.134	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	69135	51.427	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36254m	41.035	ug/l	
77) Bromobenzene	12.698	156	92517	51.016	ug/l	91
78) n-propylbenzene	12.763	91	466078	49.610	ug/l	96
79) 2-Chlorotoluene	12.851	91	255728	50.792	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	328075	51.020	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	19593	44.931	ug/l	93
82) 4-Chlorotoluene	12.945	91	264660	50.282	ug/l	97
83) tert-Butylbenzene	13.169	119	279605	51.505	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	333131	51.796	ug/l	97
85) sec-Butylbenzene	13.345	105	401232	50.001	ug/l	96
86) p-Isopropyltoluene	13.463	119	367447	51.144	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	194272	52.385	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	183226	49.482	ug/l	97
89) n-Butylbenzene	13.787	91	337089	49.863	ug/l	98
90) Hexachloroethane	14.057	117	72305	54.723	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	161085	51.073	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9182	47.094	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100600	46.696	ug/l	96
94) Hexachlorobutadiene	15.204	225	52541	45.226	ug/l	99
95) Naphthalene	15.328	128	182474	50.977	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	87063	49.019	ug/l	99

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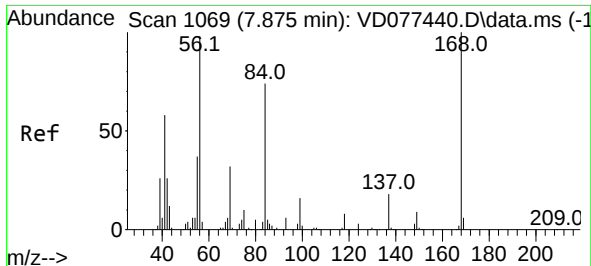
Manual Integrations
APPROVED

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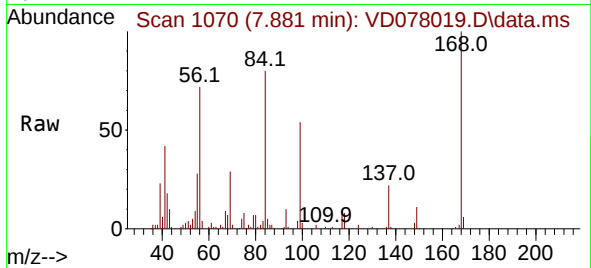
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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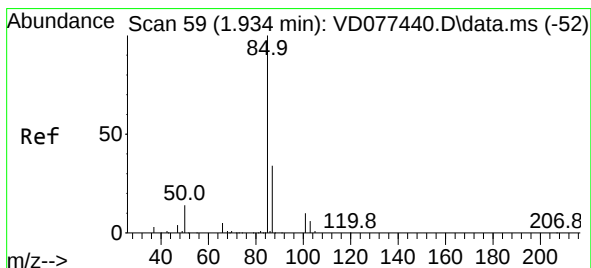
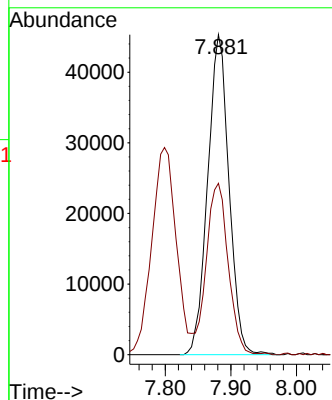
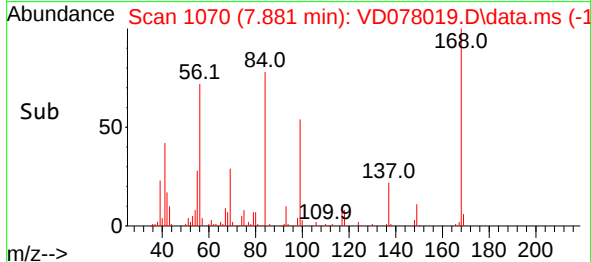
Instrument :
MSVOA_D
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Tgt Ion:168 Resp: 102200
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1

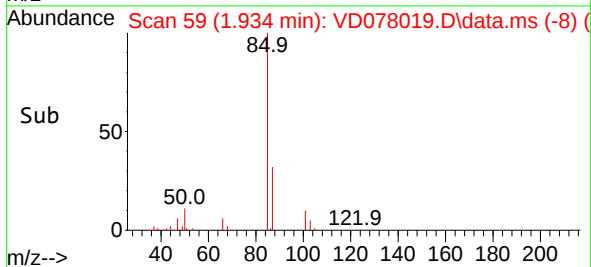
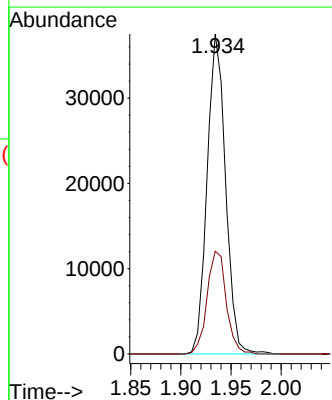
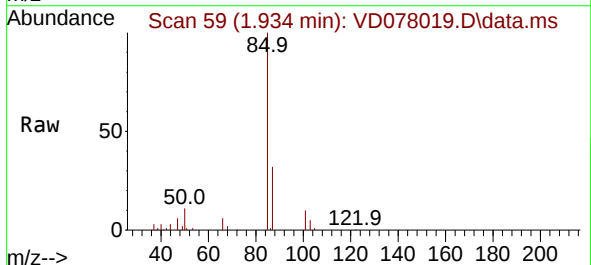
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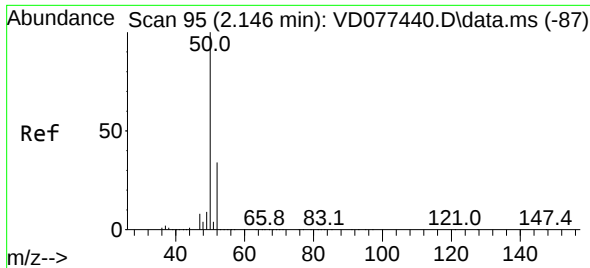
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#2
Dichlorodifluoromethane
Concen: 37.669 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

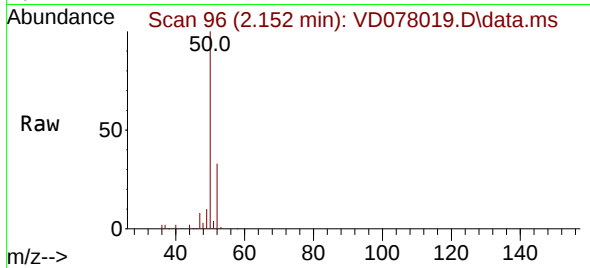
Tgt Ion: 85 Resp: 48093
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 51.210 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

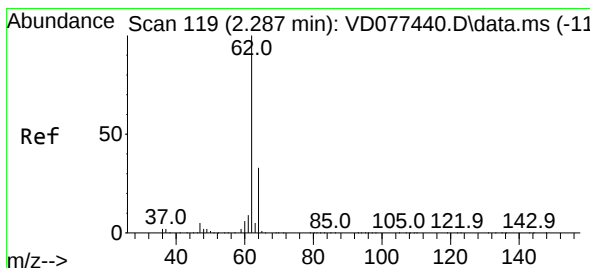
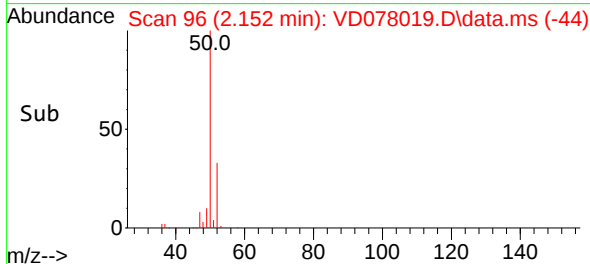
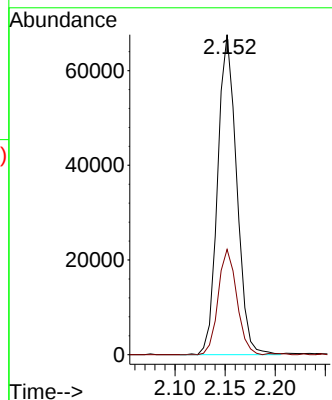
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Tgt Ion: 50 Resp: 89119
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

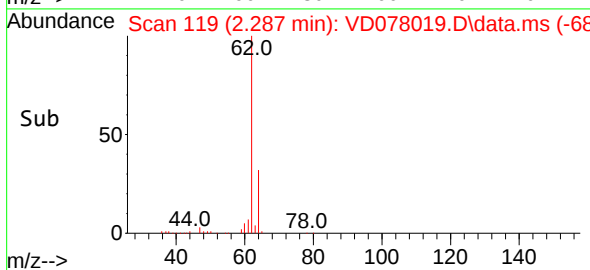
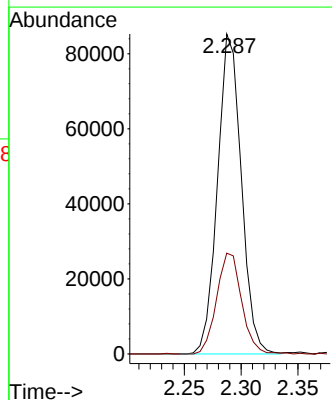
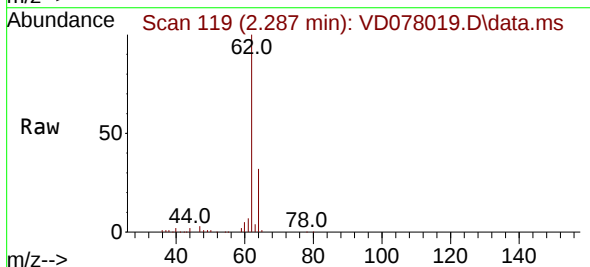
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#4
Vinyl Chloride
Concen: 52.606 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

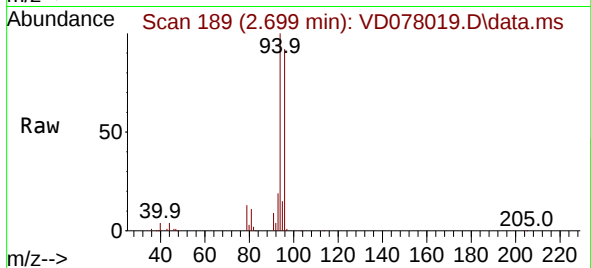
Tgt Ion: 62 Resp: 124282
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 74.884 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

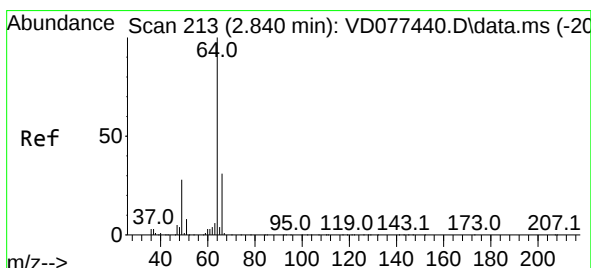
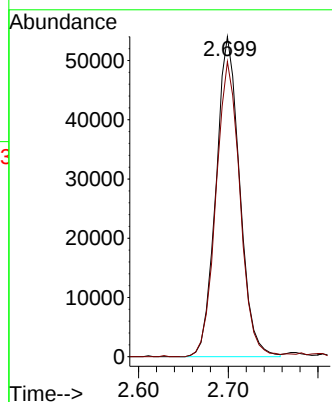
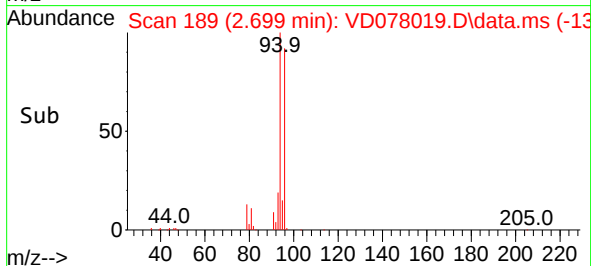
Instrument :
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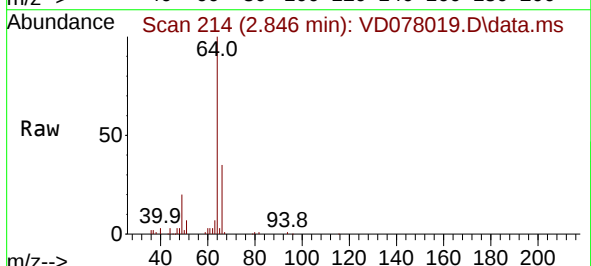
Tgt Ion: 94 Resp: 9927
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.8

Manual Integrations
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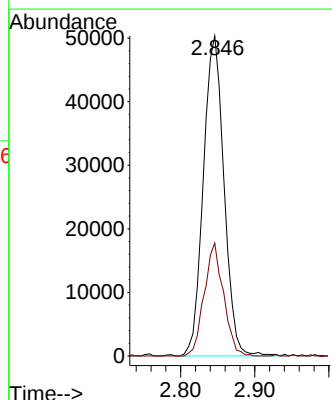
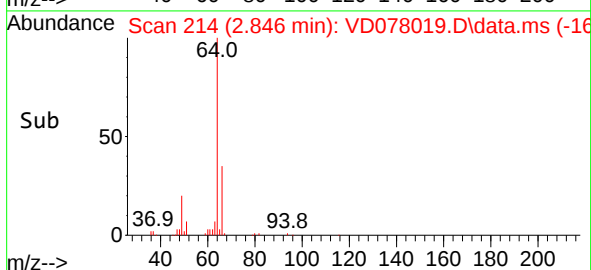
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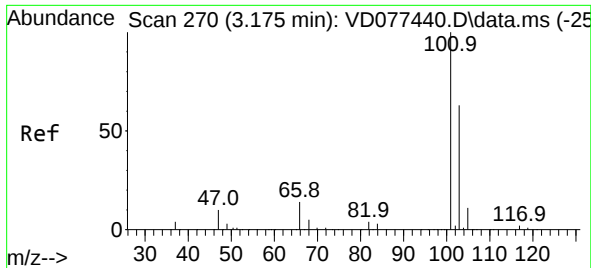


#6
Chloroethane
Concen: 60.518 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion: 64 Resp: 97475
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3





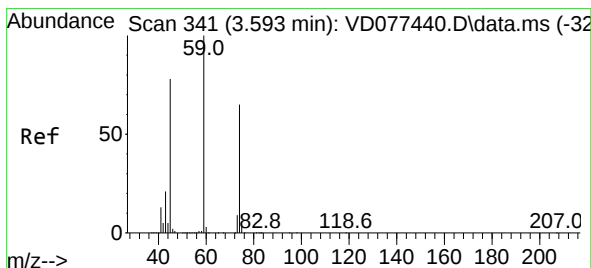
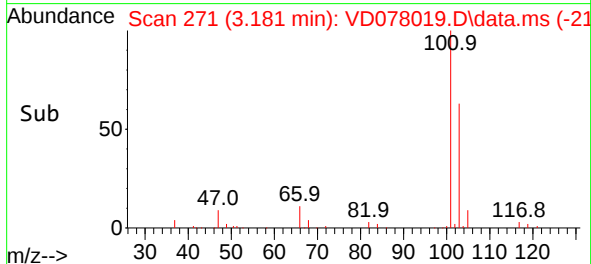
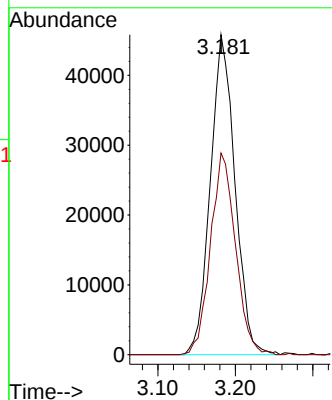
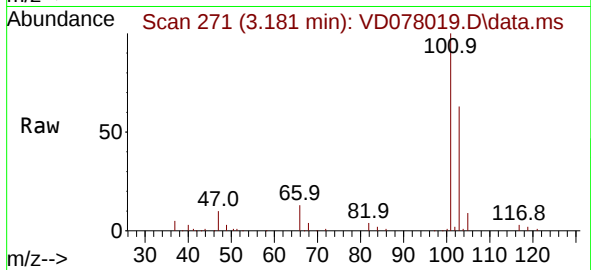
#7
Trichlorofluoromethane
Concen: 46.501 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
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Tgt Ion:101 Resp: 101180
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

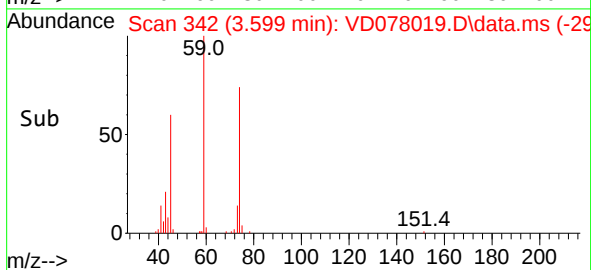
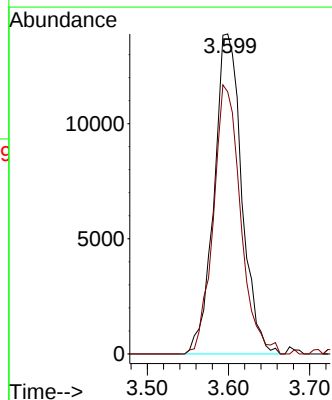
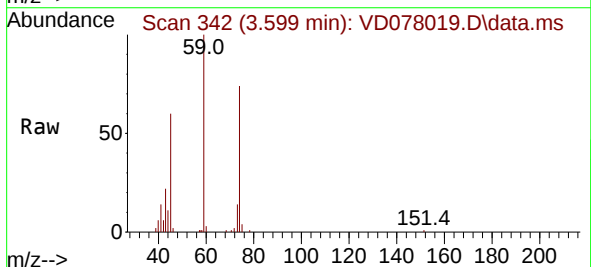
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#8
Diethyl Ether
Concen: 53.871 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078019.D
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Tgt Ion: 74 Resp: 32914
Ion Ratio Lower Upper
74 100
45 82.8 37.5 112.7





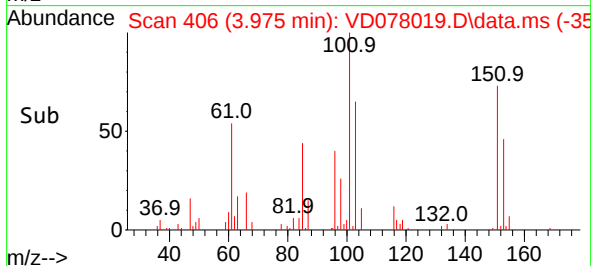
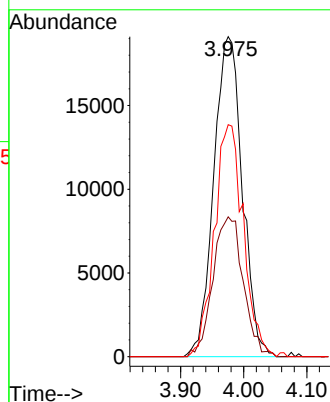
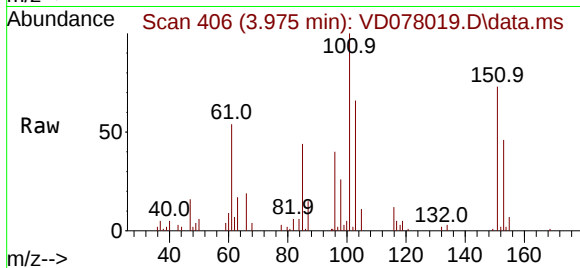
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.381 ug/l
RT: 3.975 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD078019.D
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Tgt Ion:101 Resp: 6022
Ion Ratio Lower Upper
101 100
85 46.3 33.8 50.6
151 73.1 59.8 89.6

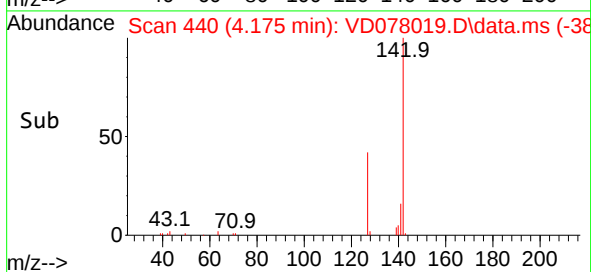
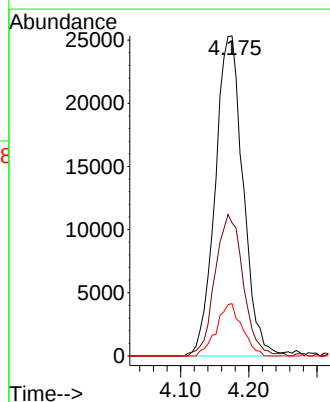
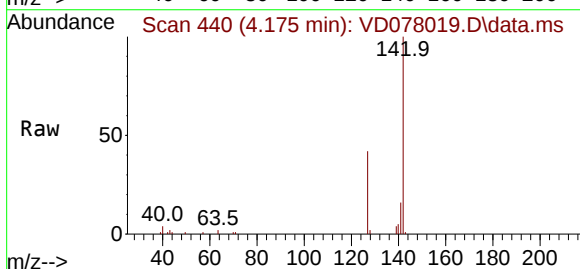
Manual Integrations
APPROVED

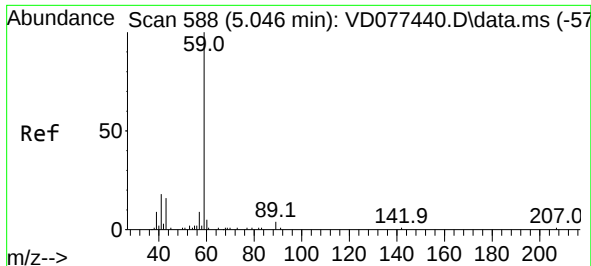
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#10
Methyl Iodide
Concen: 63.908 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

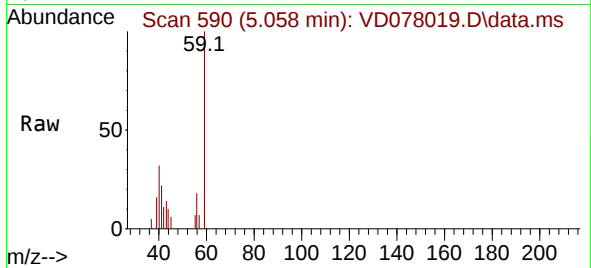
Tgt Ion:142 Resp: 72086
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 15.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 220.438 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

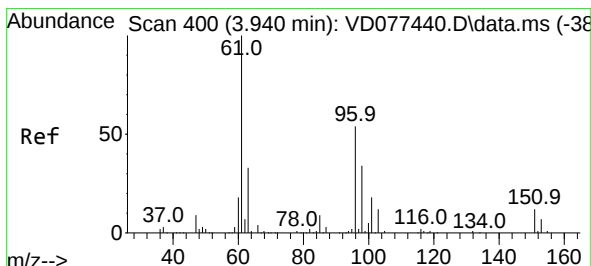
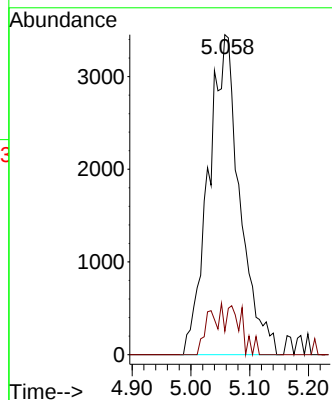
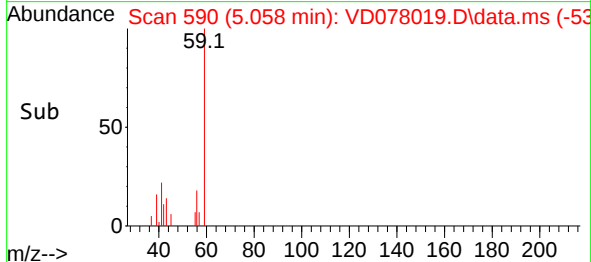
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



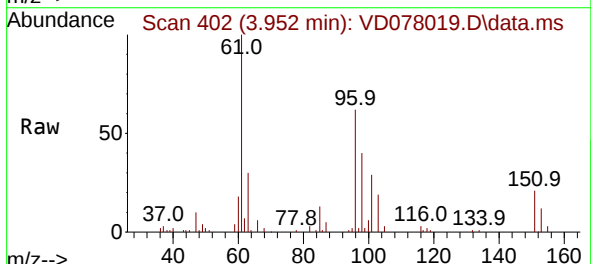
Tgt Ion: 59 Resp: 1286
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8

Manual Integrations
APPROVED

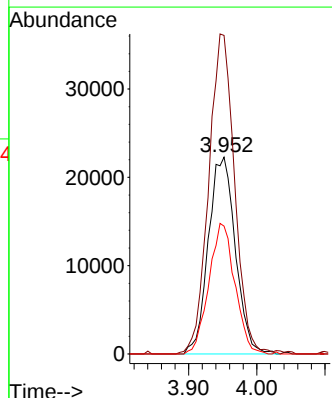
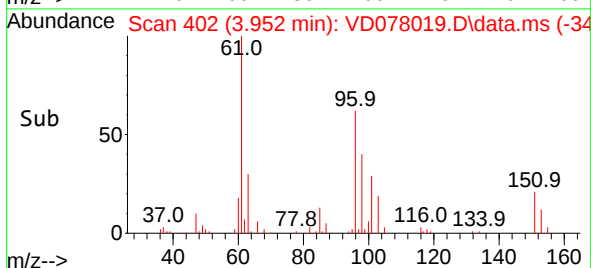
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#12
1,1-Dichloroethene
Concen: 50.089 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



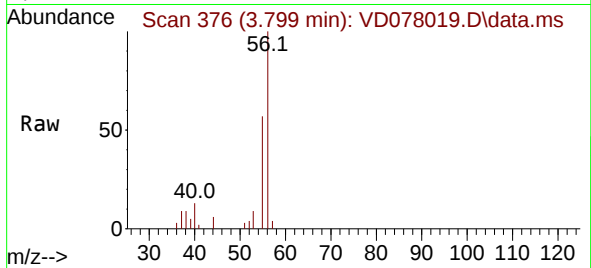
Tgt Ion: 96 Resp: 61537
Ion Ratio Lower Upper
96 100
61 161.1 100.6 150.8#
98 65.0 50.2 75.2





#13
Acrolein
Concen: 139.712 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

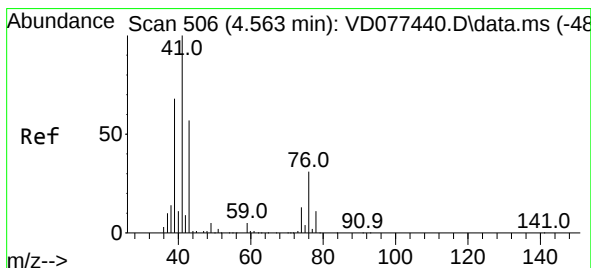
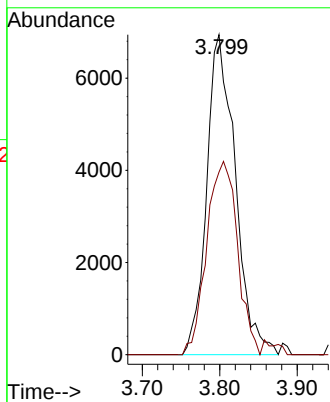
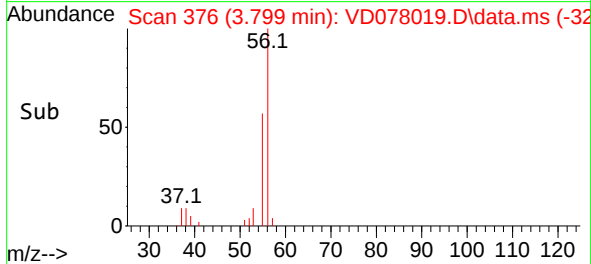
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17799
Ion Ratio Lower Upper
56 100
55 64.9 55.1 82.7

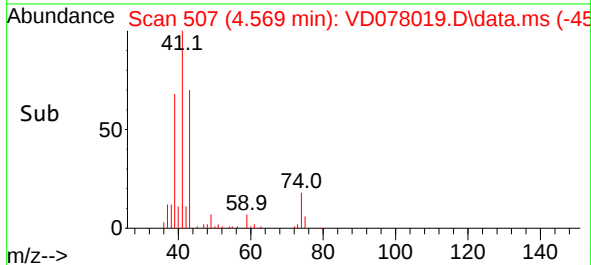
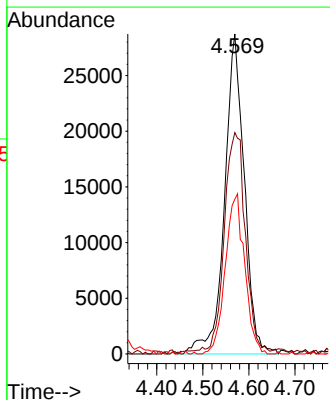
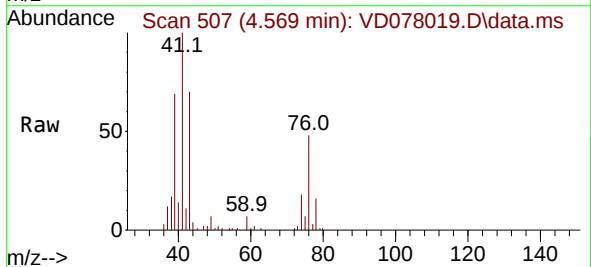
Manual Integrations
APPROVED

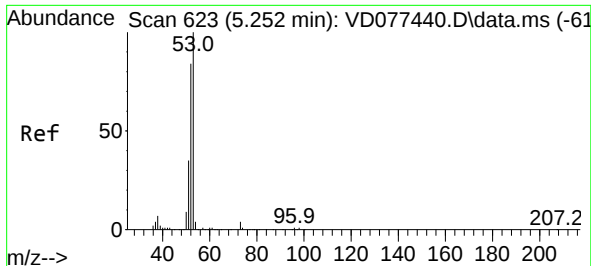
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#14
Allyl chloride
Concen: 50.714 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

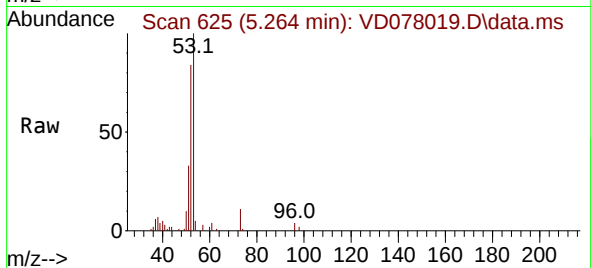
Tgt Ion: 41 Resp: 85690
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 48.9 45.8 68.8





#15
Acrylonitrile
Concen: 272.933 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

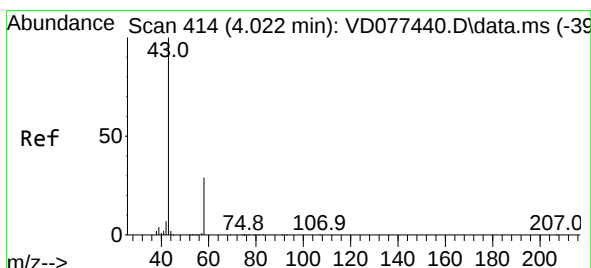
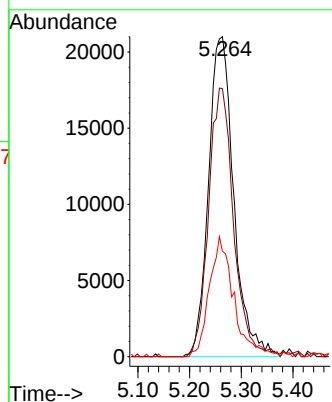
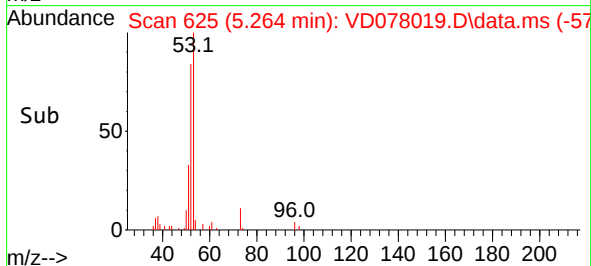
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 71398
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 36.2 28.3 42.5

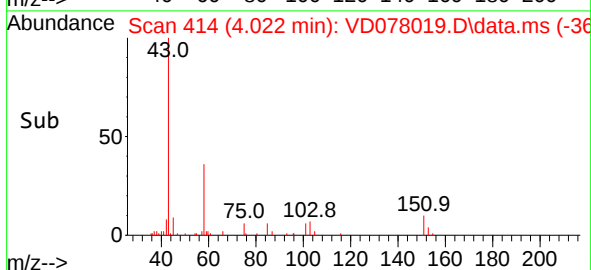
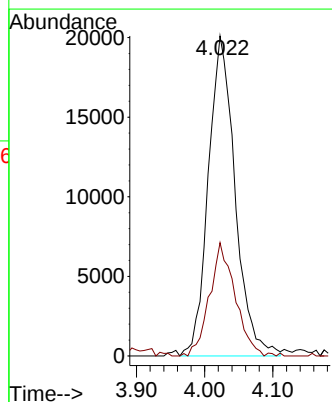
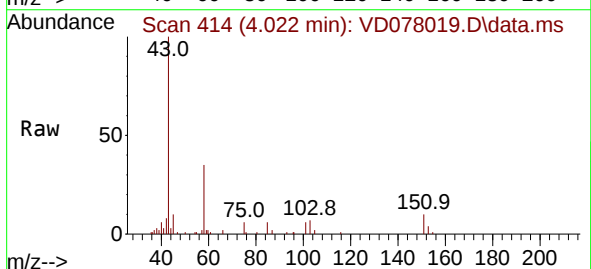
Manual Integrations
APPROVED

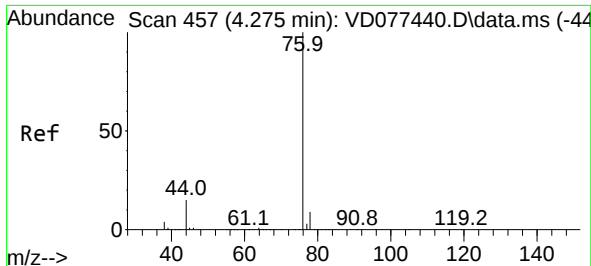
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#16
Acetone
Concen: 205.825 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

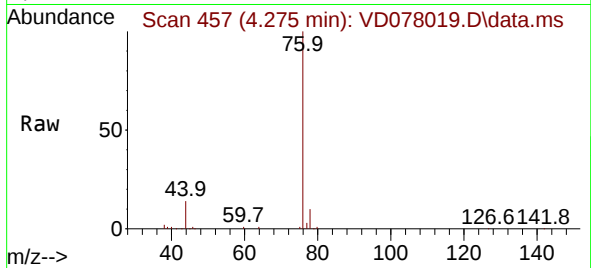
Tgt Ion: 43 Resp: 55024
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1





#17
Carbon Disulfide
Concen: 43.817 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

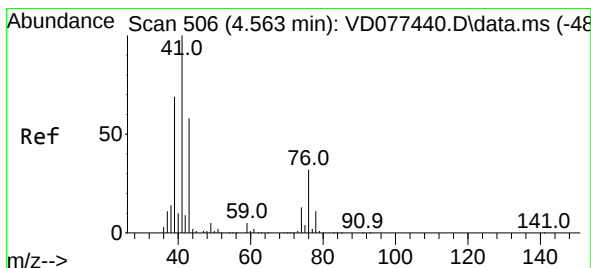
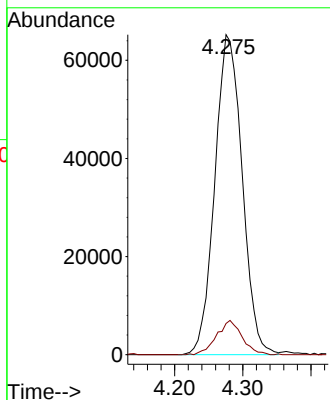
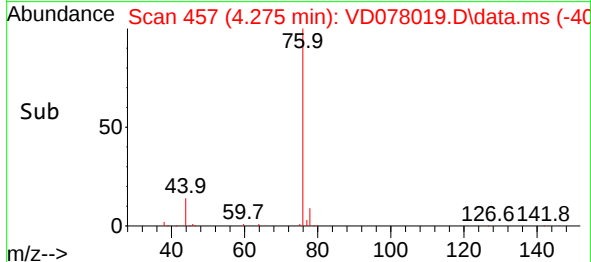
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



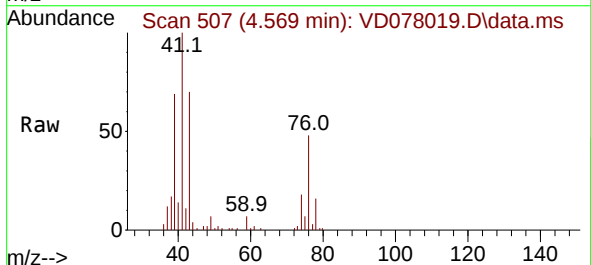
Tgt Ion: 76 Resp: 18212
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

Manual Integrations
APPROVED

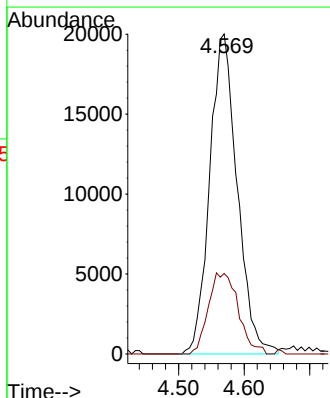
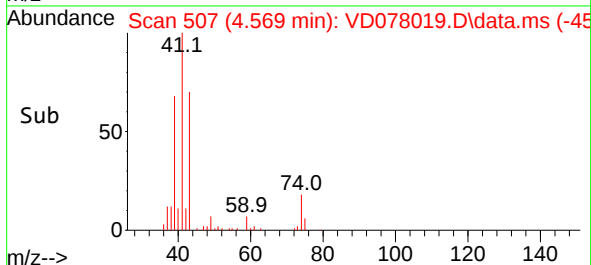
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

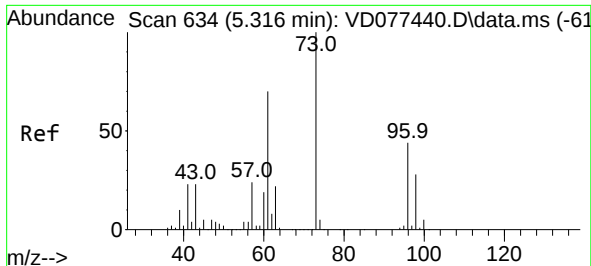


#18
Methyl Acetate
Concen: 61.487 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion: 43 Resp: 58320
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6





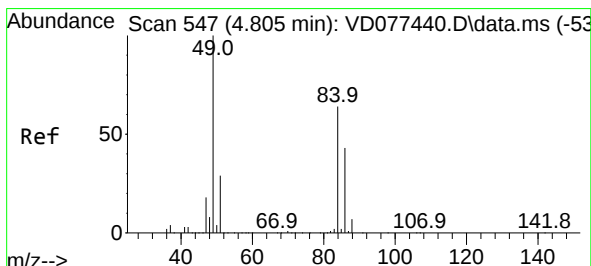
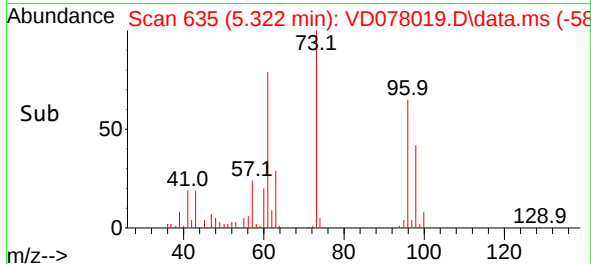
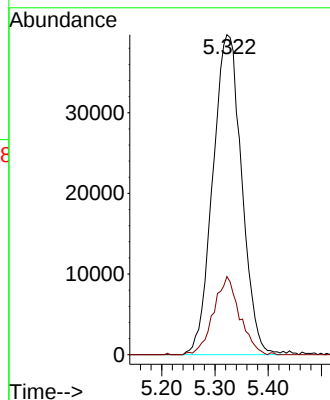
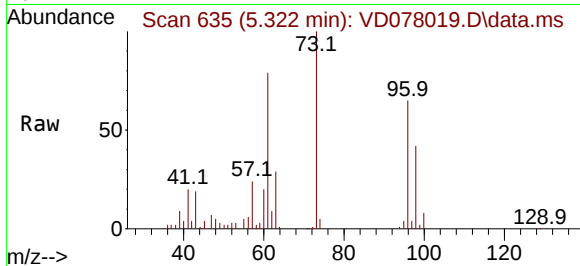
#19
Methyl tert-butyl Ether
Concen: 57.252 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 14923
Ion Ratio Lower Upper
73 100
57 24.4 16.6 25.0

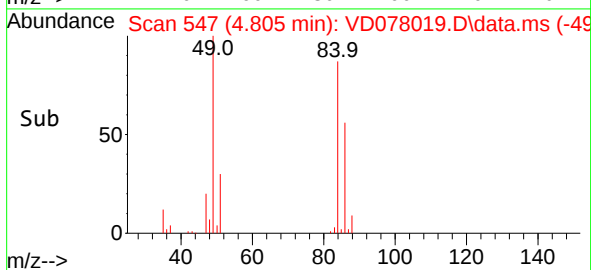
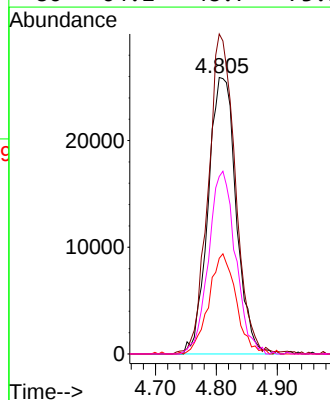
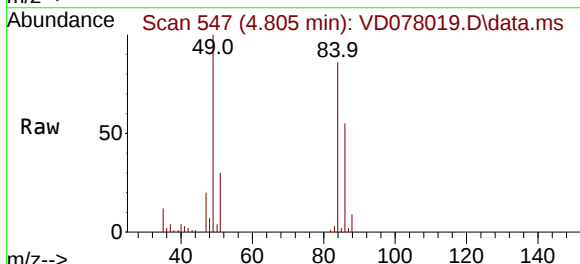
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#20
Methylene Chloride
Concen: 58.965 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

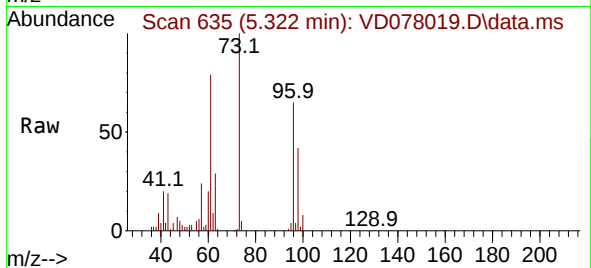
Tgt Ion: 84 Resp: 82862
Ion Ratio Lower Upper
84 100
49 115.0 71.4 107.2#
51 34.6 24.5 36.7
86 64.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 56.092 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

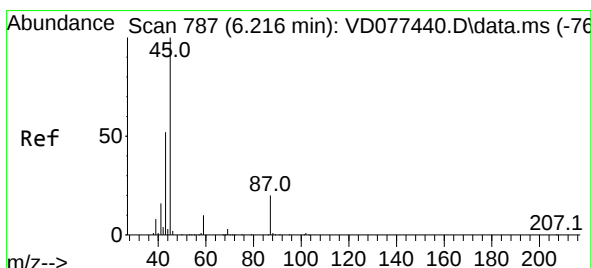
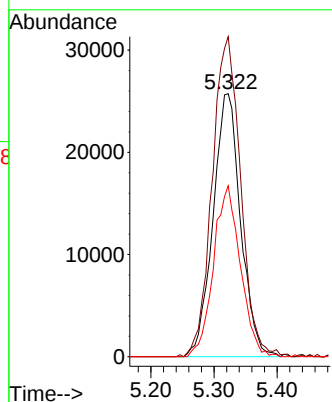
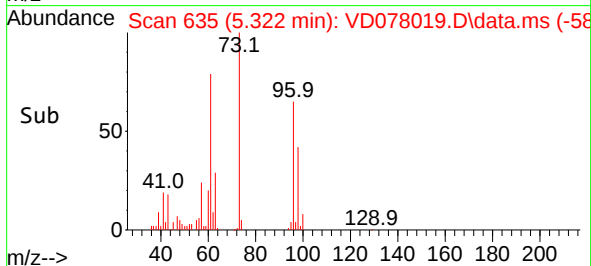
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 78054
Ion Ratio Lower Upper
96 100
61 121.0 89.3 133.9
98 65.0 48.6 73.0

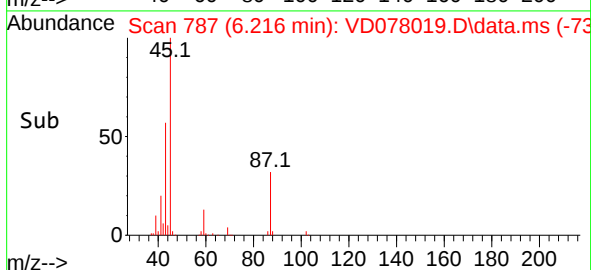
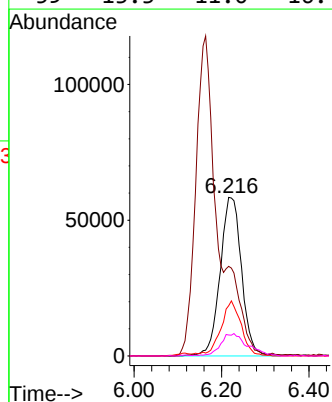
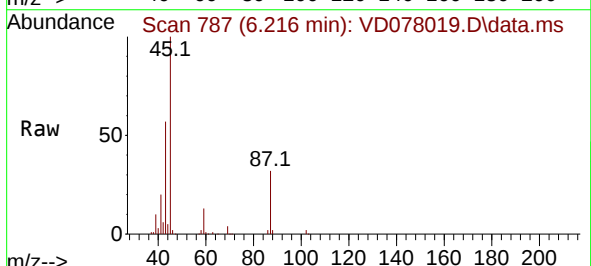
Manual Integrations
APPROVED

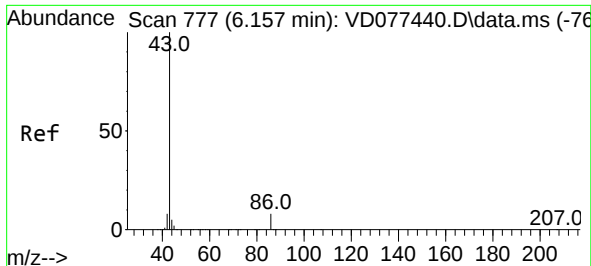
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#22
Diisopropyl ether
Concen: 56.128 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

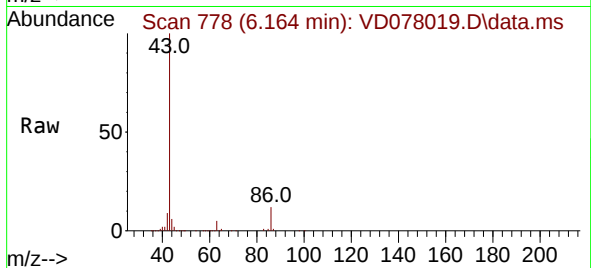
Tgt Ion: 45 Resp: 198186
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 31.8 28.2 42.4
59 13.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 247.472 ug/l m
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

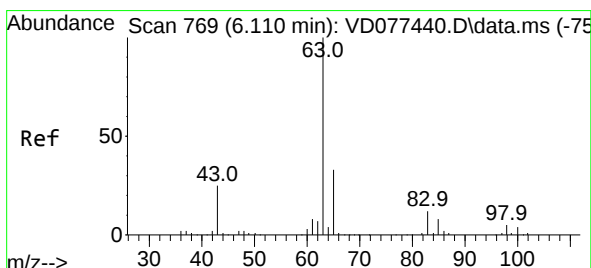
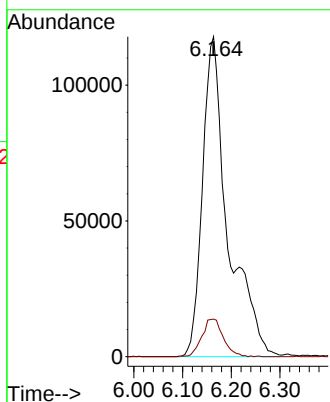
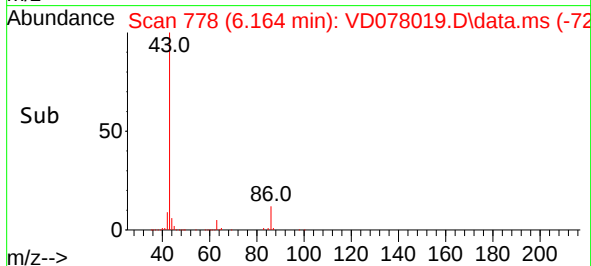
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



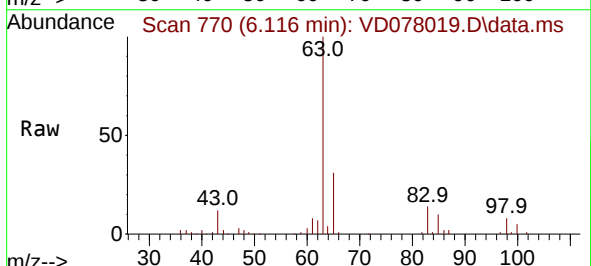
Tgt Ion: 43 Resp: 426719
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7

Manual Integrations
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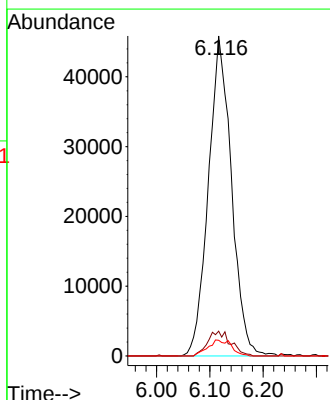
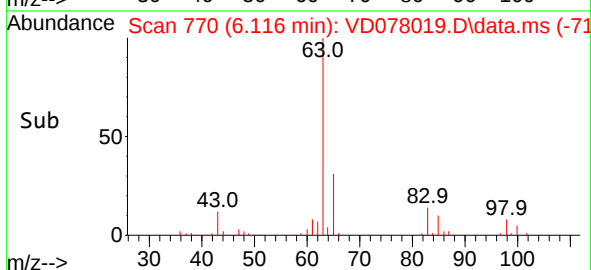
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 57.685 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01



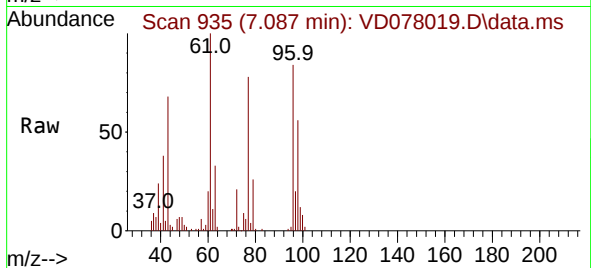
Tgt Ion: 63 Resp: 137936
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 237.267 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

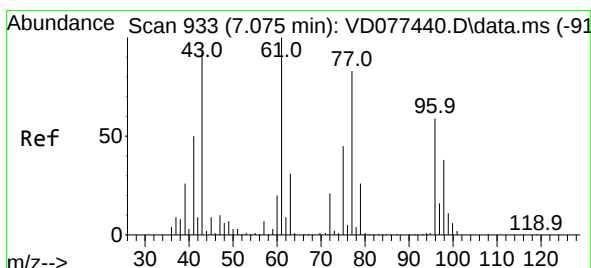
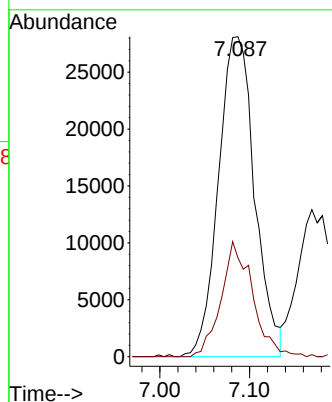
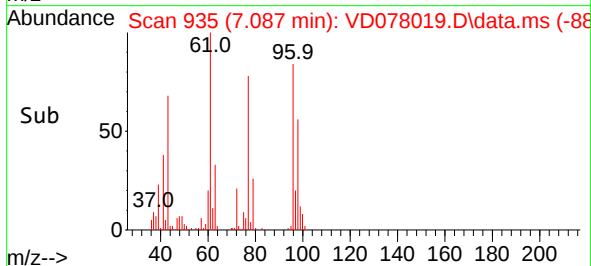
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7880
Ion Ratio Lower Upper
43 100
72 30.9 30.7 46.1

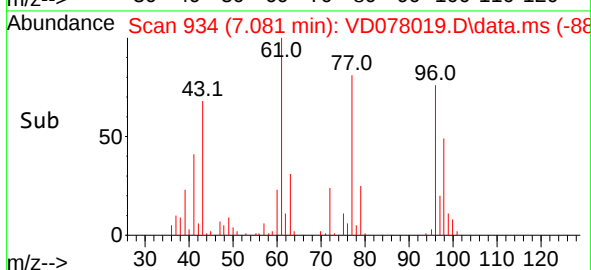
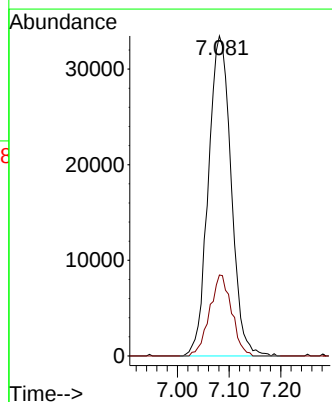
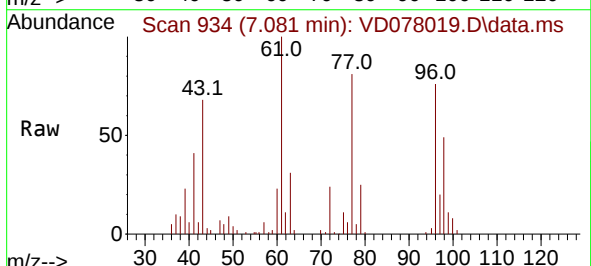
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#26
2,2-Dichloropropane
Concen: 51.028 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

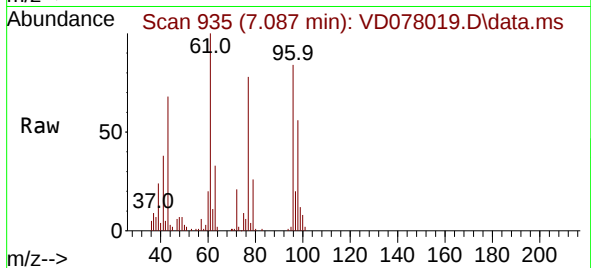
Tgt Ion: 77 Resp: 102446
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 61.938 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

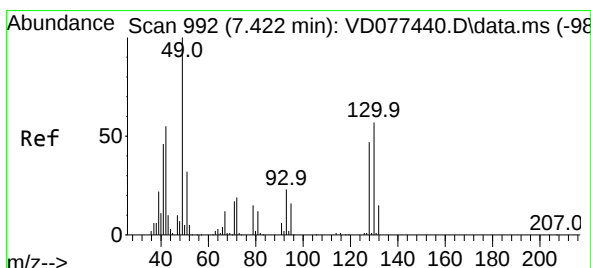
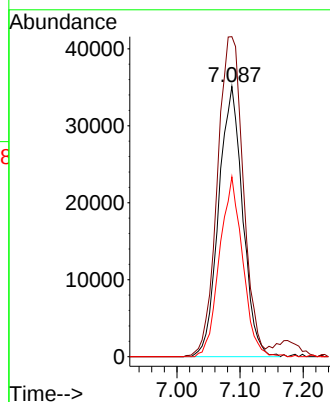
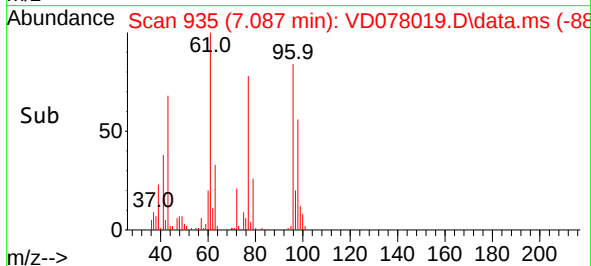
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 9274
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 239.2
 98 64.0 0.0 128.6

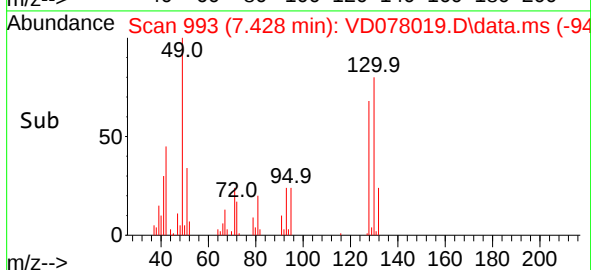
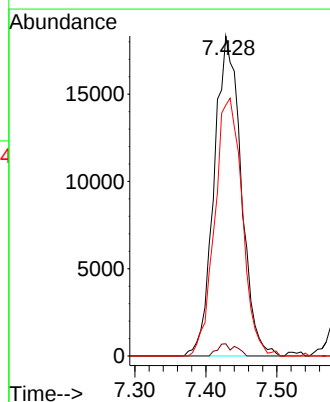
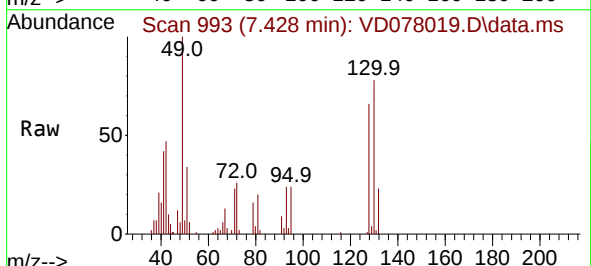
Manual Integrations
 APPROVED

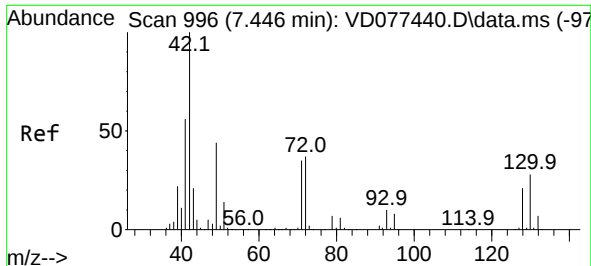
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#28
 Bromochloromethane
 Concen: 50.178 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

Tgt Ion: 49 Resp: 48483
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 82.1 83.2 124.8#





#29

Tetrahydrofuran

Concen: 259.613 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

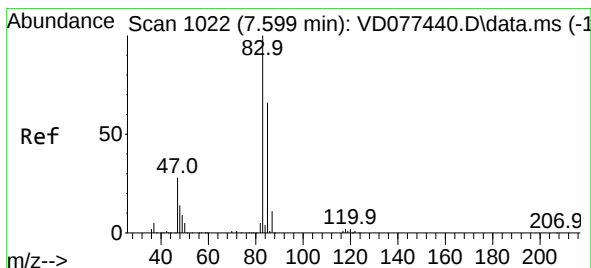
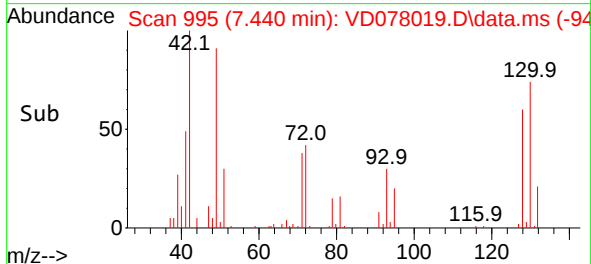
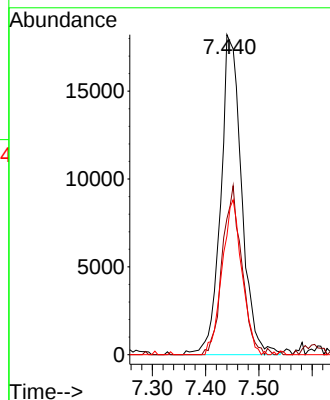
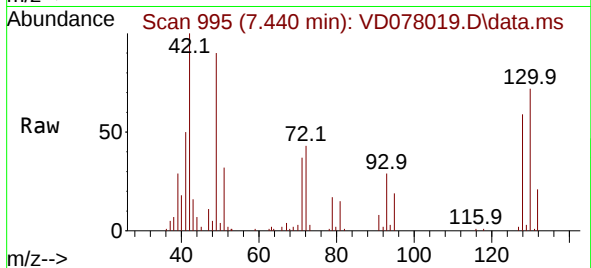
VSTDCCC050EC

Tgt Ion: 42 Resp: 49789
 Ion Ratio Lower Upper
 42 100
 72 48.7 46.5 69.7
 71 45.9 44.5 66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#30

Chloroform

Concen: 61.196 ug/l

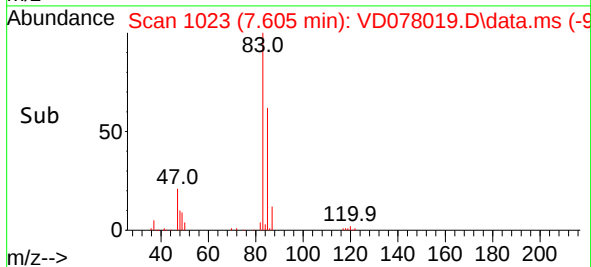
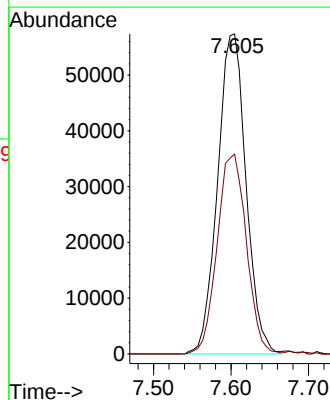
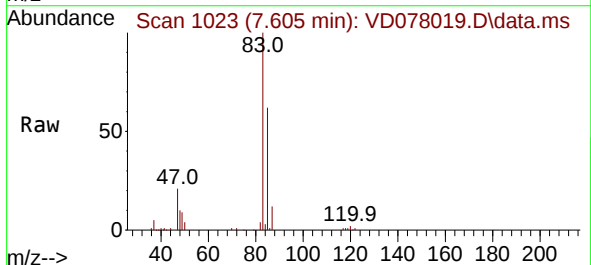
RT: 7.605 min Scan# 1023

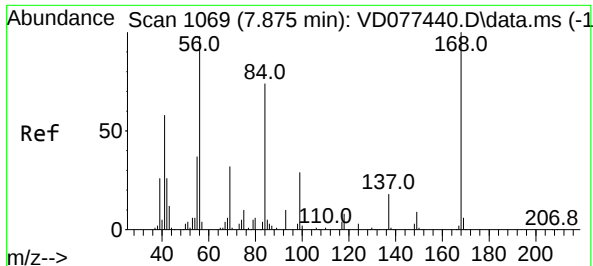
Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

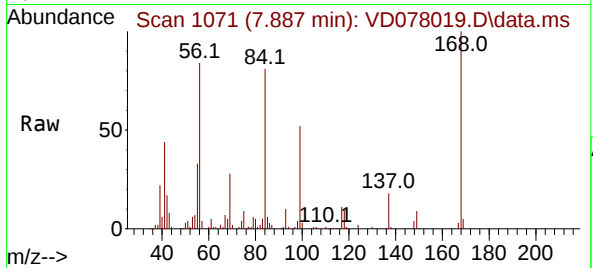
Tgt Ion: 83 Resp: 146451
 Ion Ratio Lower Upper
 83 100
 85 62.4 53.4 80.2





#31
Cyclohexane
Concen: 42.796 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

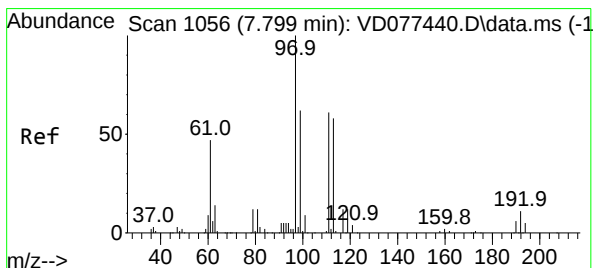
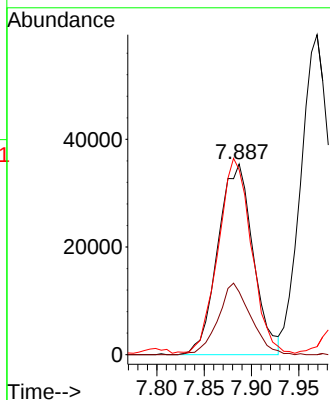
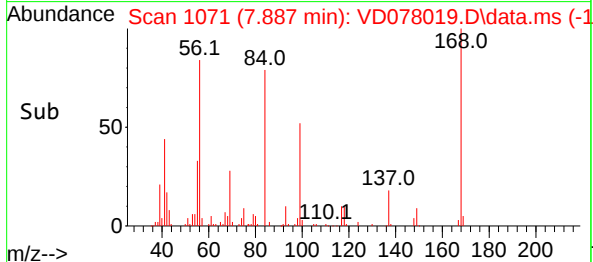
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



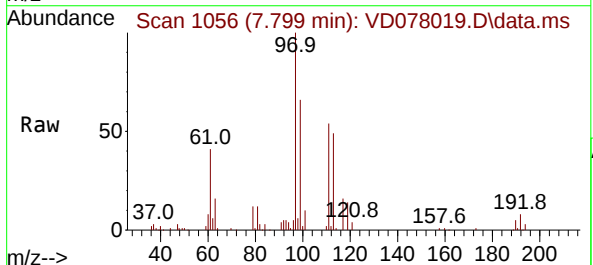
Tgt Ion: 56 Resp: 91679
Ion Ratio Lower Upper
56 100
69 32.9 28.6 43.0
84 95.6 84.8 127.2

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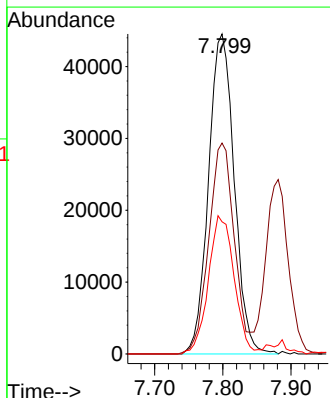
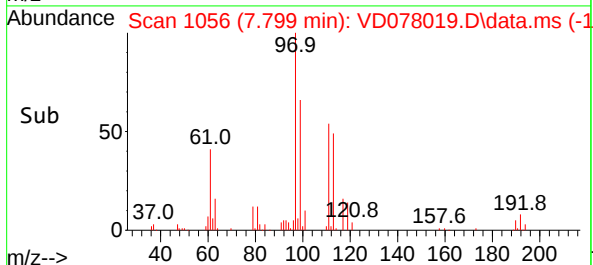
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

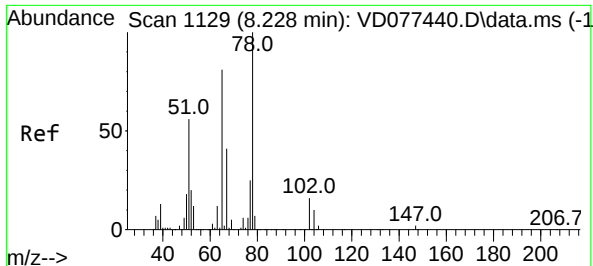


#32
1,1,1-Trichloroethane
Concen: 55.412 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion: 97 Resp: 116902
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.005 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6504

Ion Ratio Lower Upper

65 100

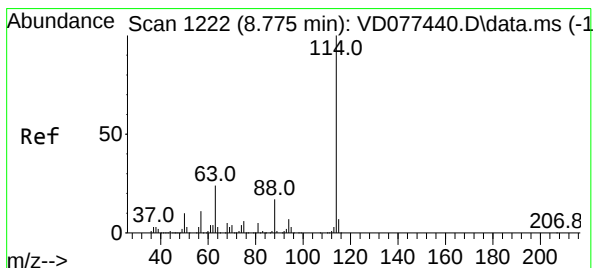
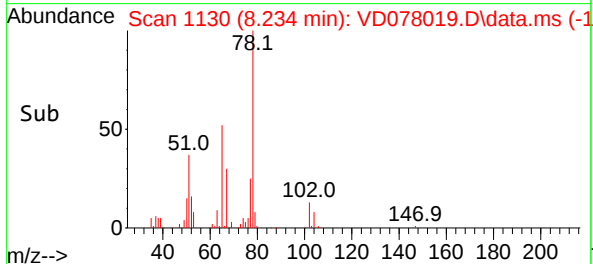
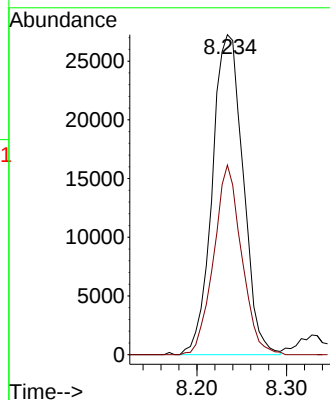
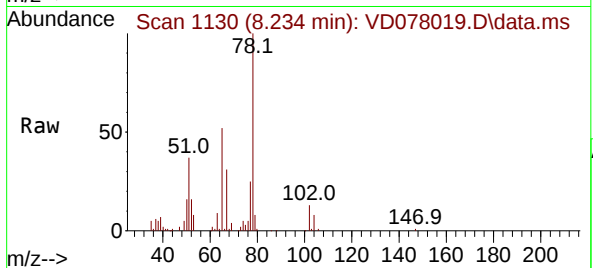
67 53.6 0.0 115.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

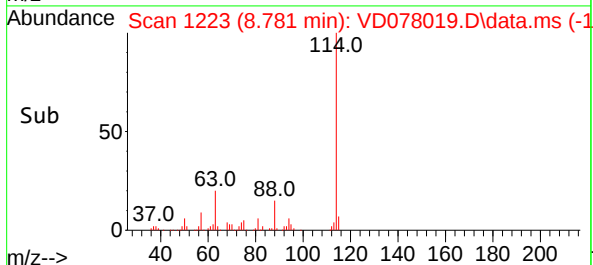
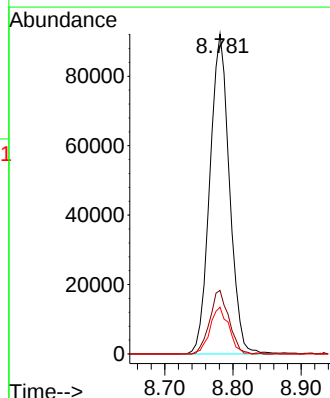
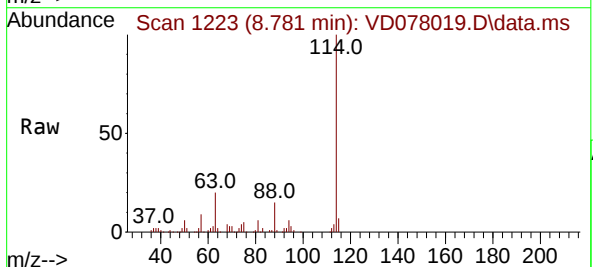
Tgt Ion:114 Resp: 184440

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.903 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

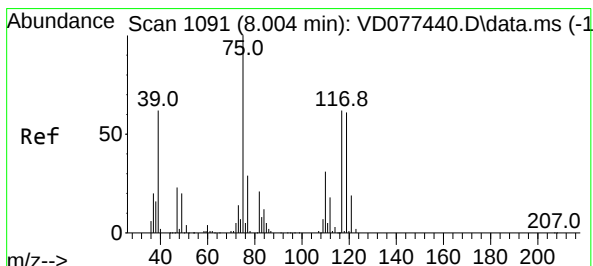
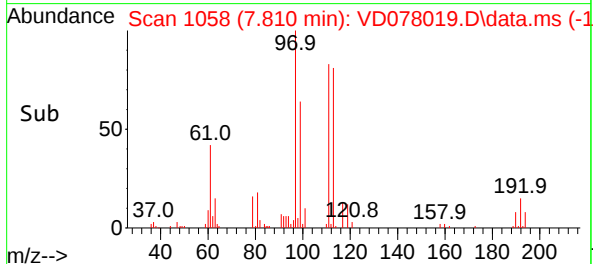
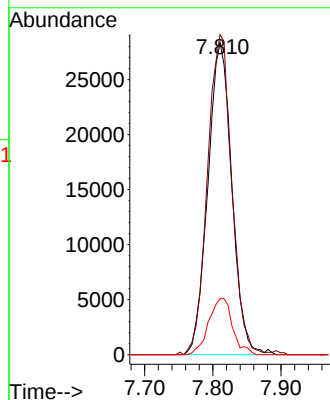
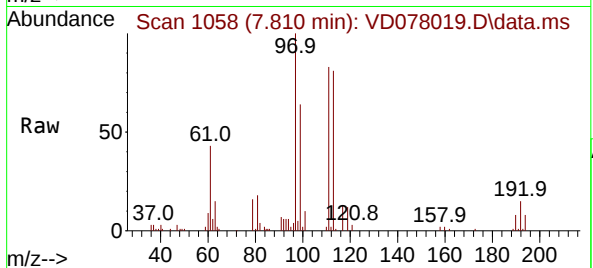
Tgt Ion: 113 Resp: 69639

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.7	127.1
192	17.9	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#36

1,1-Dichloropropene

Concen: 49.849 ug/l

RT: 8.010 min Scan# 1092

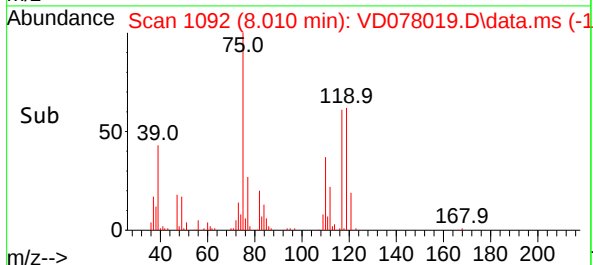
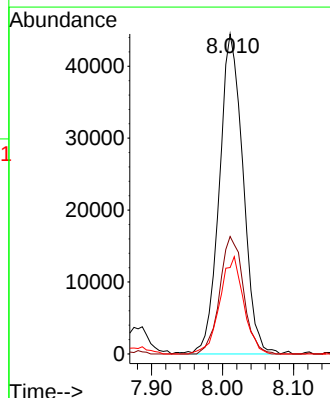
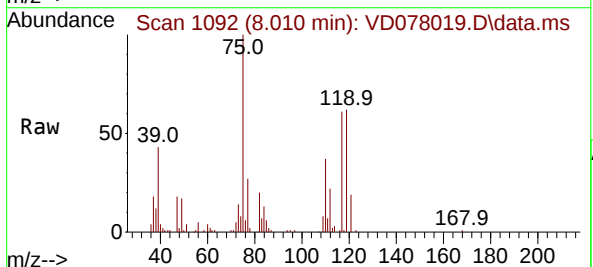
Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Tgt Ion: 75 Resp: 103014

Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.9	59.6
77	30.5	24.7	37.1





#37

Ethyl Acetate

Concen: 45.352 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078019.D

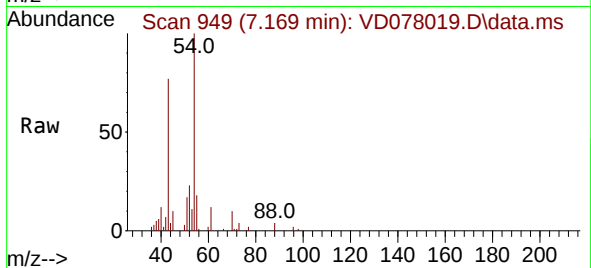
Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

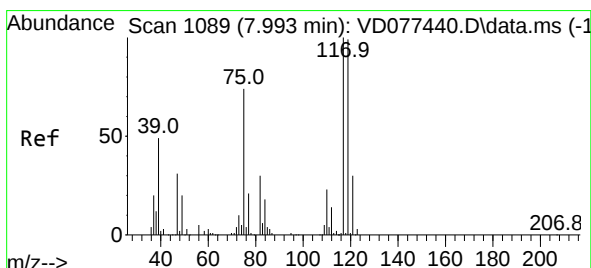
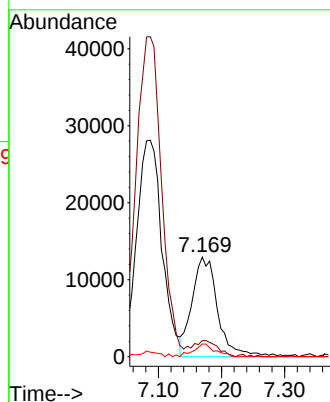
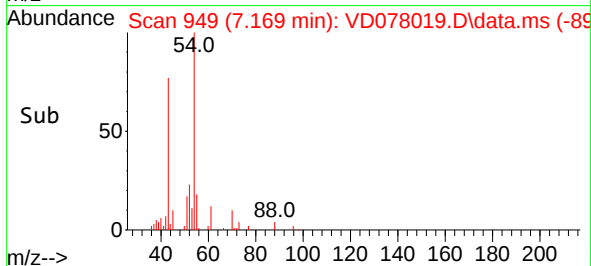


Tgt Ion:	43	Resp:	36544
Ion Ratio	Lower	Upper	
43	100		
61	13.8	14.9	22.3
70	10.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#38

Carbon Tetrachloride

Concen: 49.857 ug/l

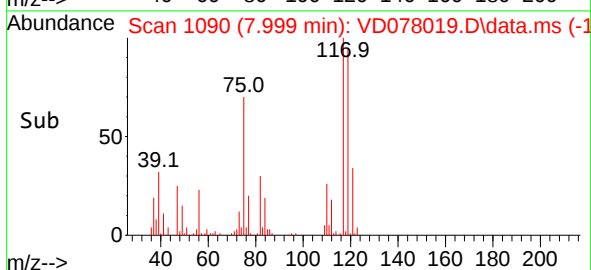
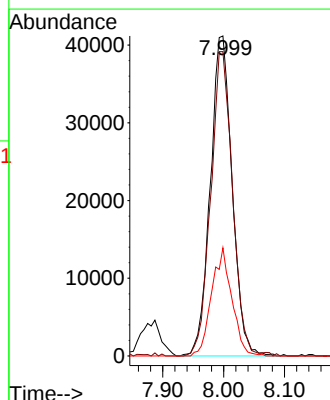
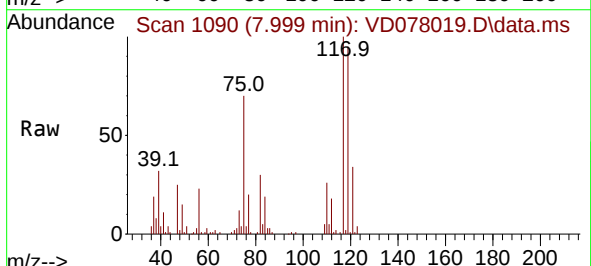
RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Tgt Ion:	117	Resp:	102714
Ion Ratio	Lower	Upper	
117	100		
119	95.1	78.0	117.0
121	33.8	24.2	36.2





#39

Methylcyclohexane

Concen: 44.057 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

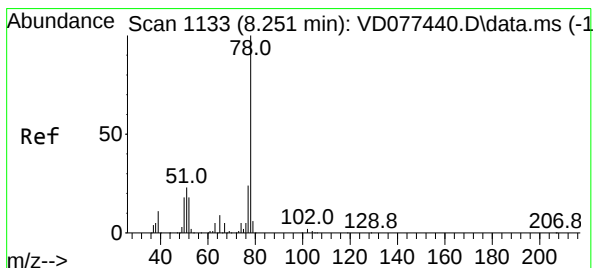
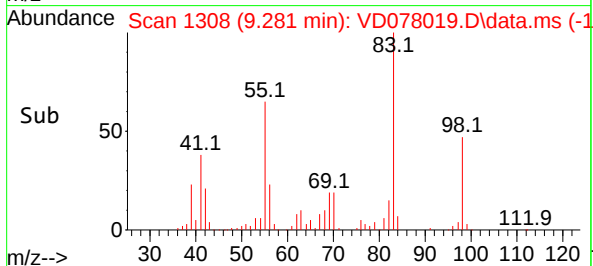
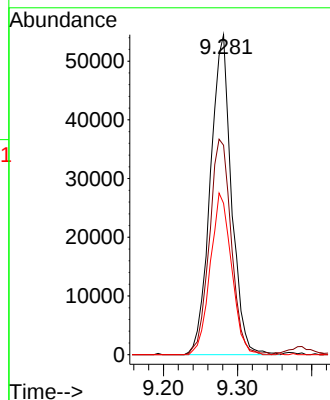
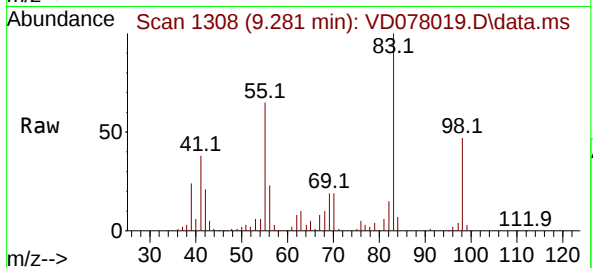
Tgt Ion: 83 Resp: 107934

Ion	Ratio	Lower	Upper
83	100		
55	65.5	49.4	74.0
98	47.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#40

Benzene

Concen: 53.647 ug/l

RT: 8.258 min Scan# 1134

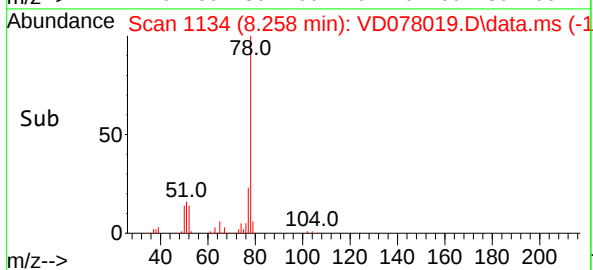
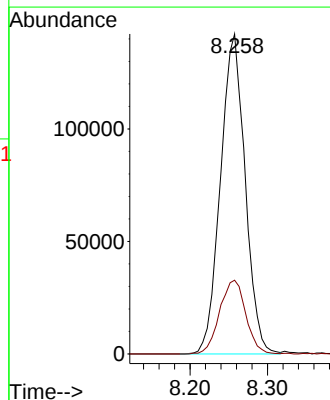
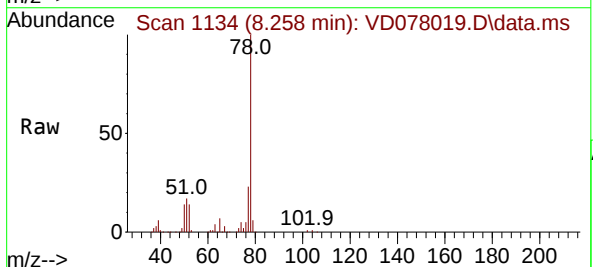
Delta R.T. 0.007 min

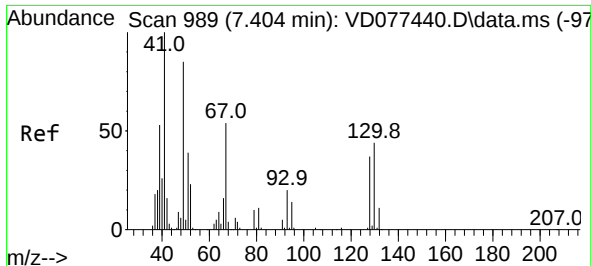
Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Tgt Ion: 78 Resp: 314652

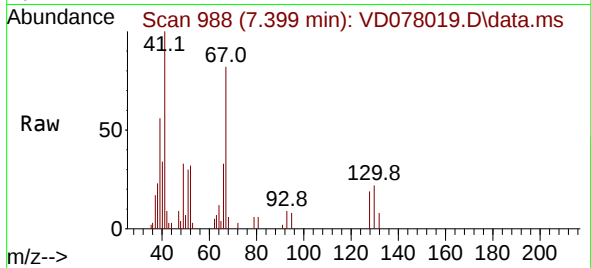
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41
Methacrylonitrile
Concen: 45.777 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

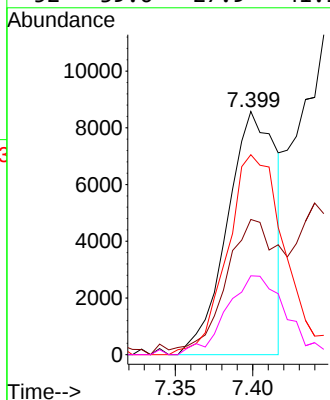
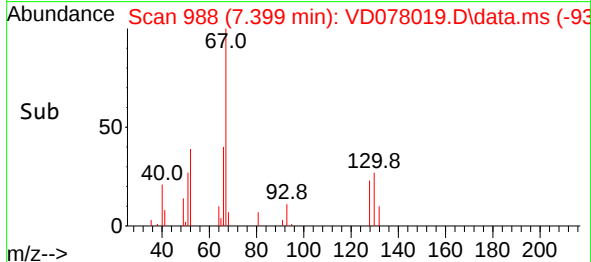
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 18748
Ion Ratio Lower Upper
41 100
39 64.2 34.0 51.0
67 96.6 77.0 115.4
52 39.6 27.9 41.9

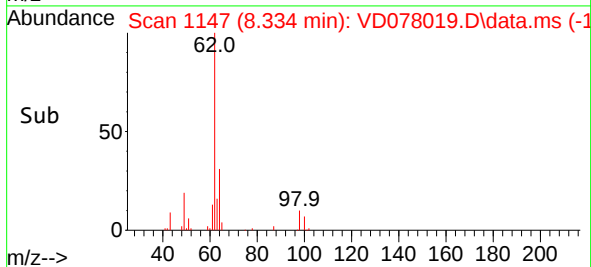
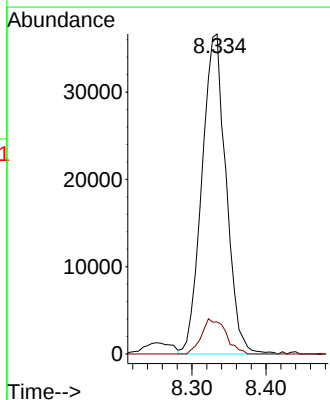
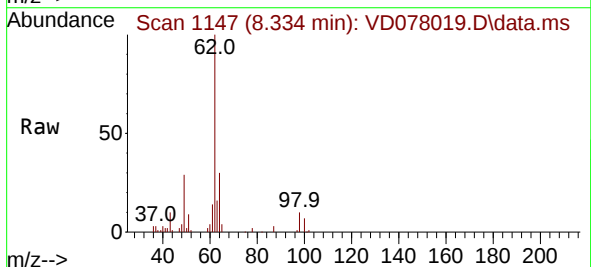
Manual Integrations
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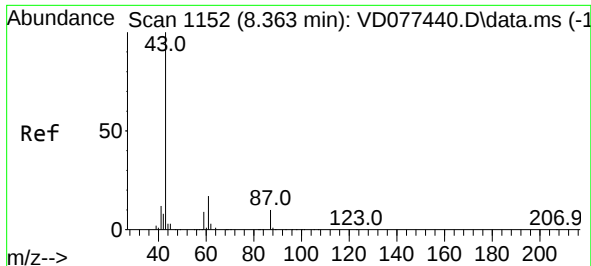
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#42
1,2-Dichloroethane
Concen: 54.672 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

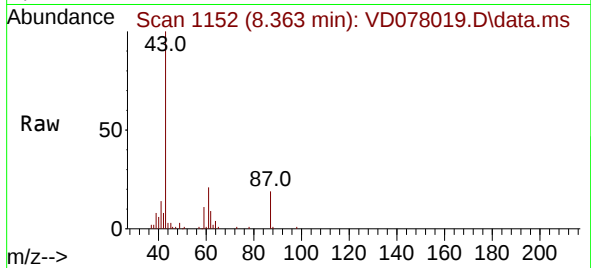
Tgt Ion: 62 Resp: 83121
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4





#43
Isopropyl Acetate
Concen: 48.603 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

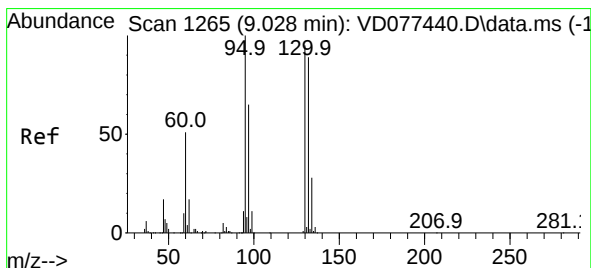
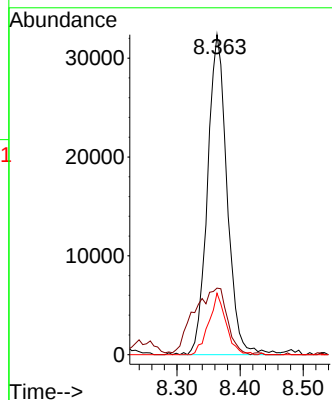
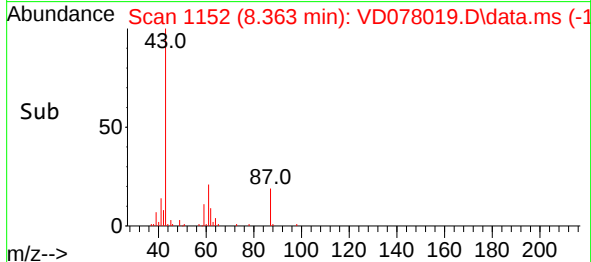
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



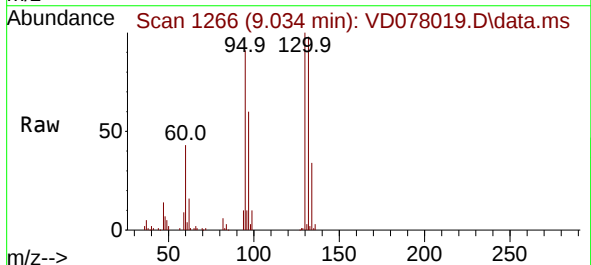
Tgt Ion: 43 Resp: 69618
Ion Ratio Lower Upper
43 100
61 35.4 31.4 47.0
87 17.0 14.9 22.3

Manual Integrations
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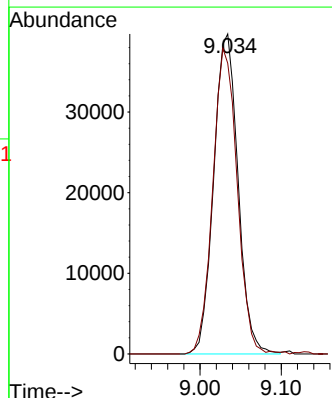
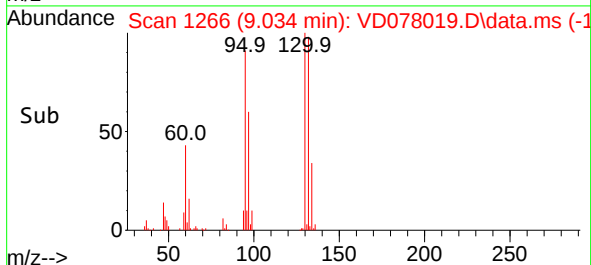
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#44
Trichloroethene
Concen: 54.021 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion:130 Resp: 82569
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 56.199 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 80130

Ion Ratio Lower Upper

63 100

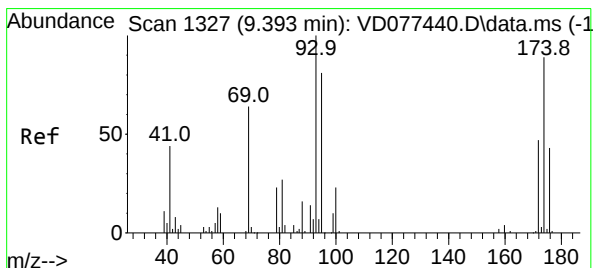
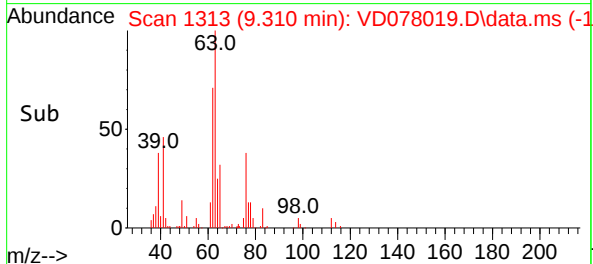
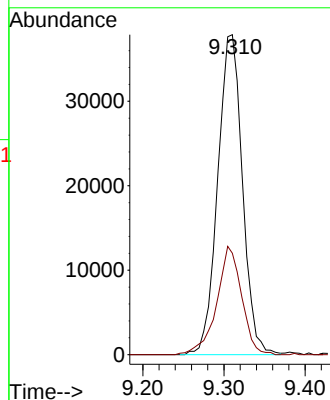
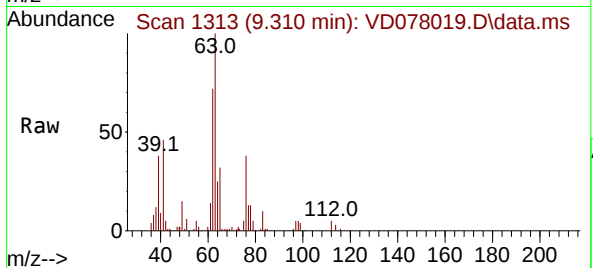
65 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#46

Dibromomethane

Concen: 57.708 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

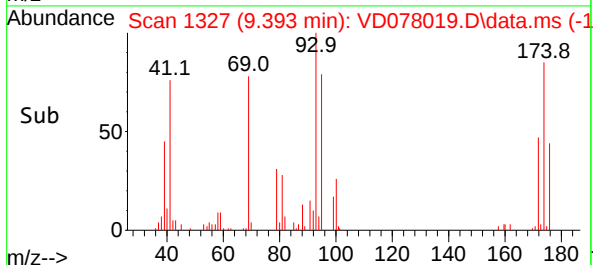
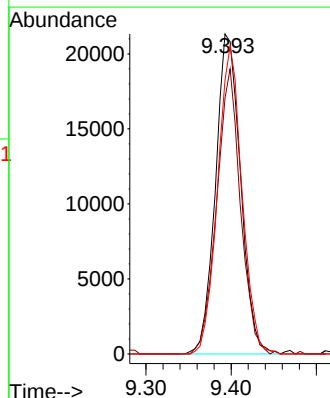
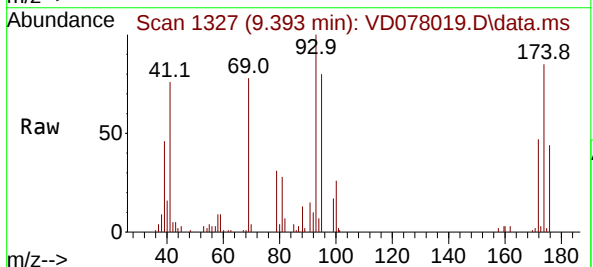
Tgt Ion: 93 Resp: 43536

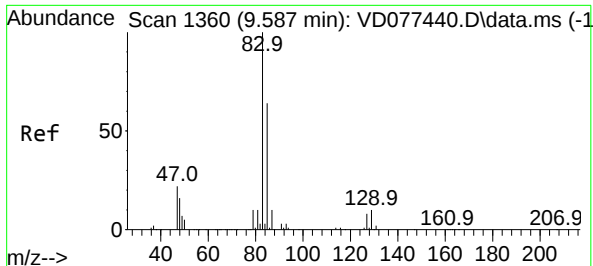
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

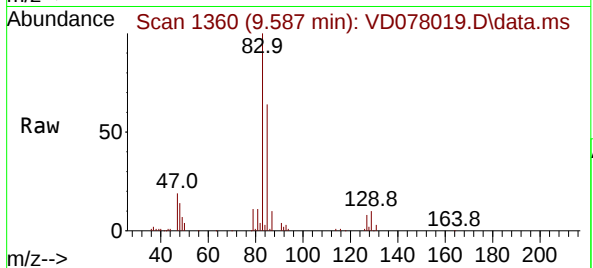
174 93.3 85.4 128.2





#47
Bromodichloromethane
Concen: 58.834 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

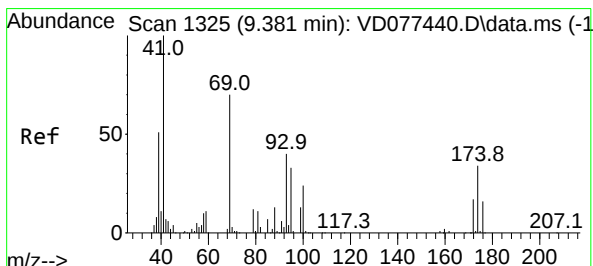
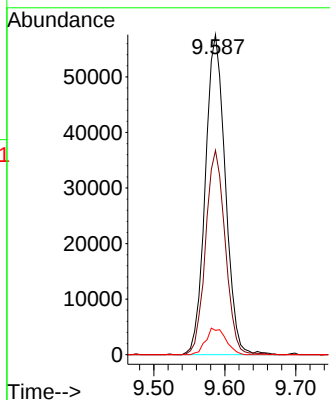
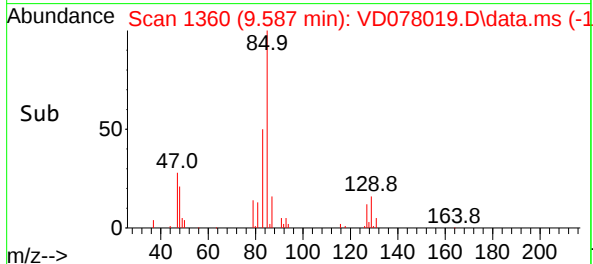
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



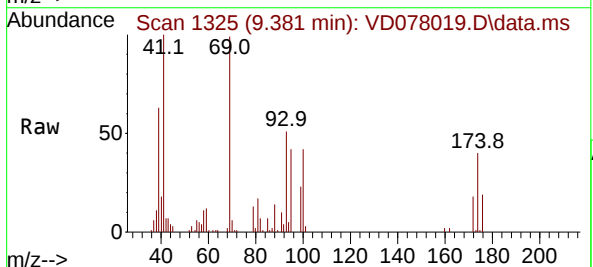
Tgt Ion: 83 Resp: 11250
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 7.6 6.3 9.5

Manual Integrations
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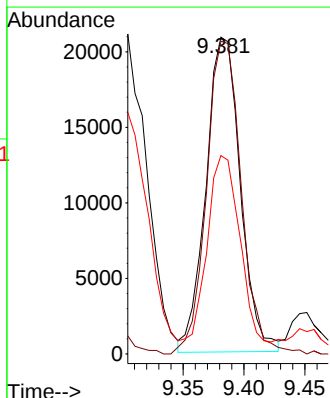
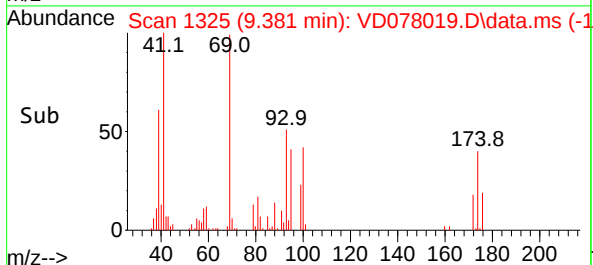
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

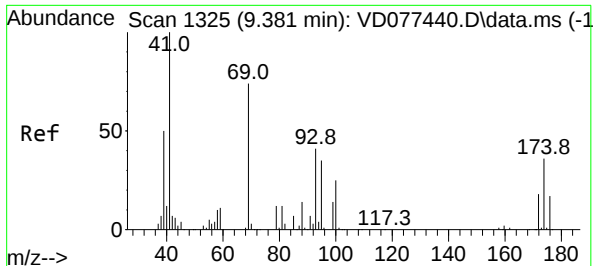


#48
Methyl methacrylate
Concen: 50.366 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion: 41 Resp: 41010
Ion Ratio Lower Upper
41 100
69 100.3 102.2 153.2#
39 63.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 1001.045 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

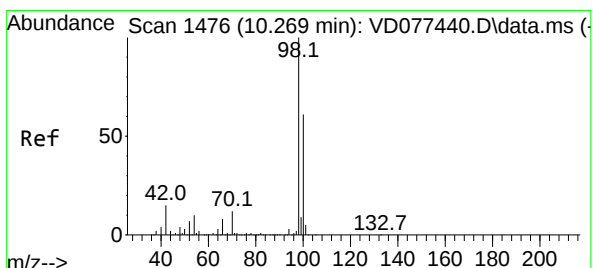
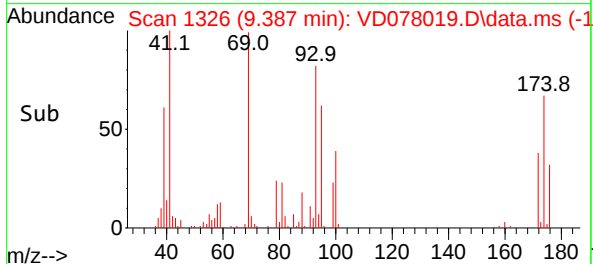
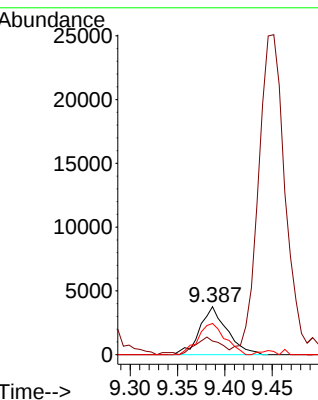
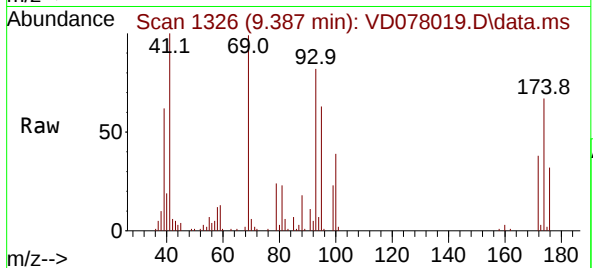
VSTDCCC050EC

Tgt Ion: 88 Resp: 7499
 Ion Ratio Lower Upper
 88 100
 43 33.3 19.0 28.6
 58 64.8 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#50

Toluene-d8

Concen: 52.726 ug/l

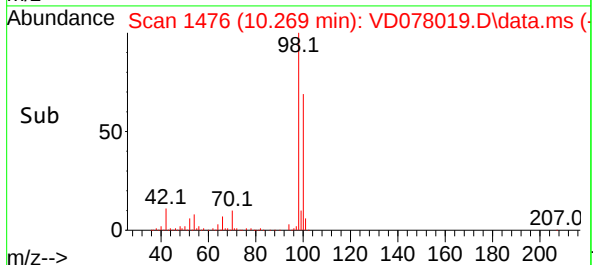
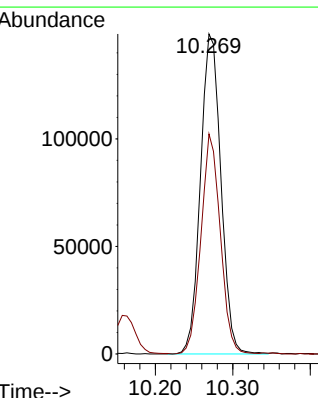
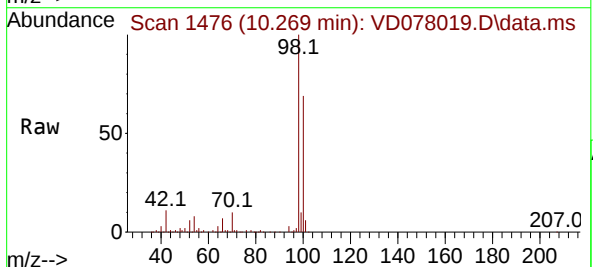
RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

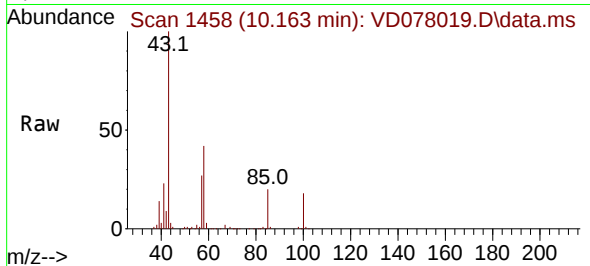
Tgt Ion: 98 Resp: 272824
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 247.209 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

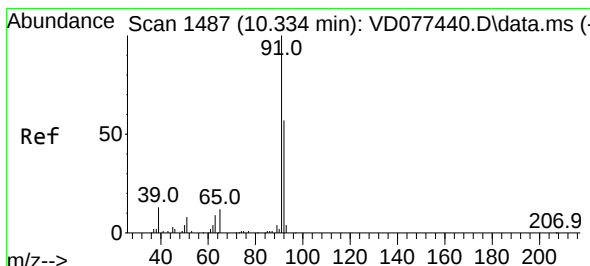
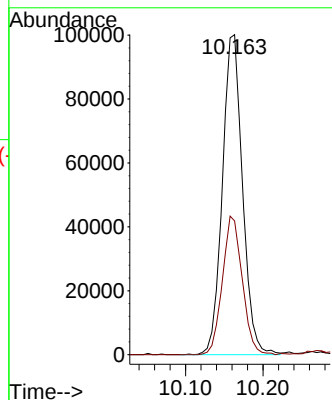
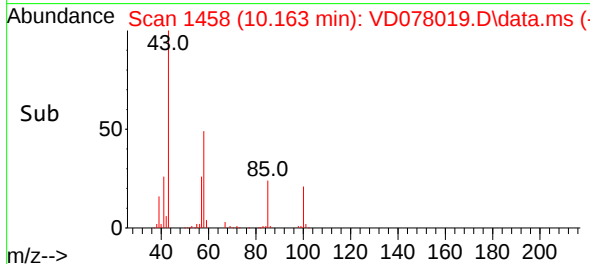
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 180718
Ion Ratio Lower Upper
43 100
58 42.7 38.9 58.3

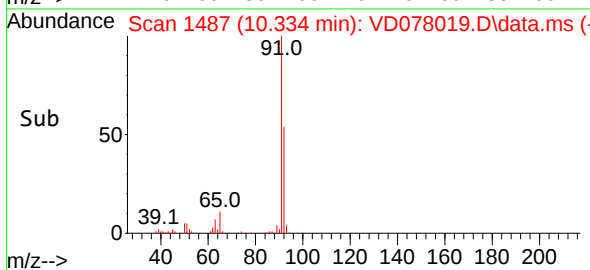
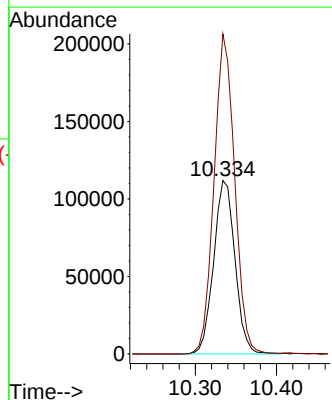
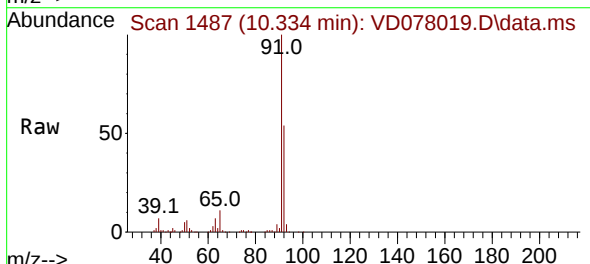
Manual Integrations
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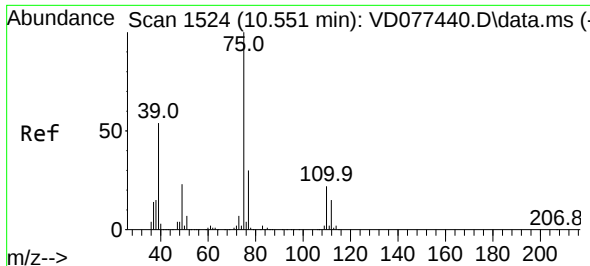
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#52
Toluene
Concen: 56.137 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 92 Resp: 204242
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4





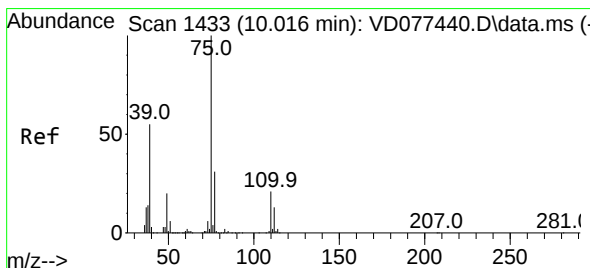
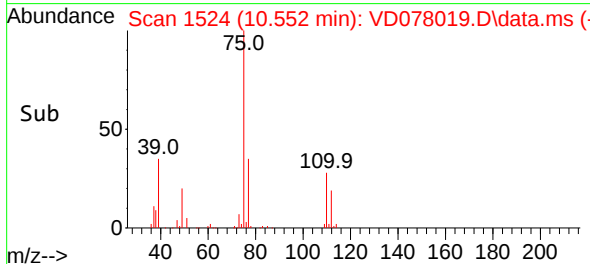
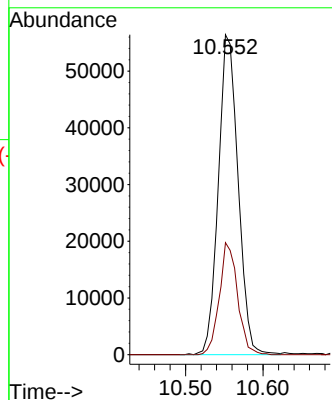
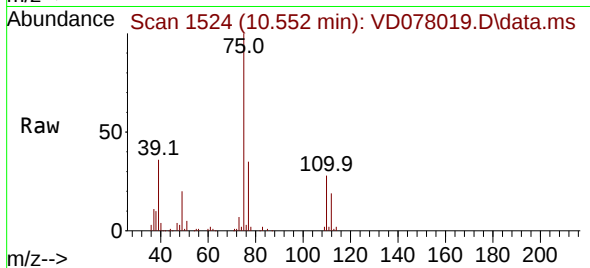
#53
t-1,3-Dichloropropene
Concen: 54.481 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 10004
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9

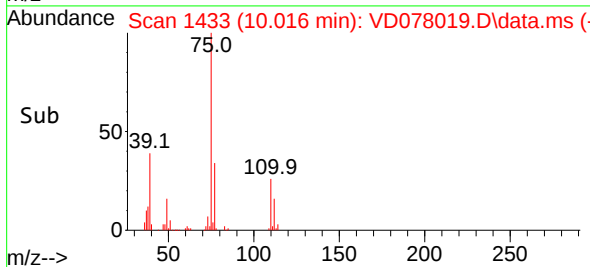
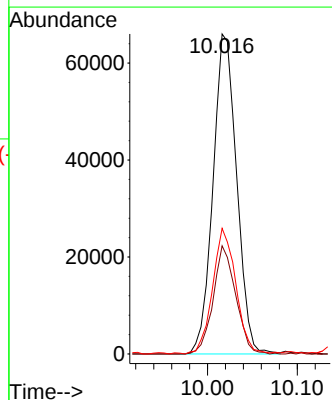
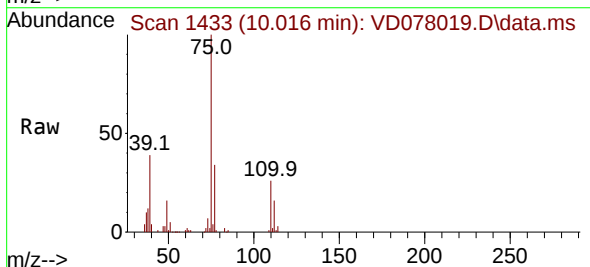
Manual Integrations
APPROVED

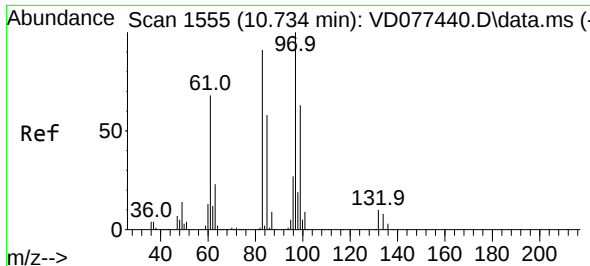
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#54
cis-1,3-Dichloropropene
Concen: 54.483 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

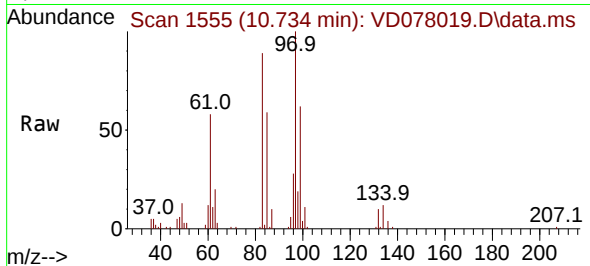
Tgt Ion: 75 Resp: 120959
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3
39 39.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 57.121 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

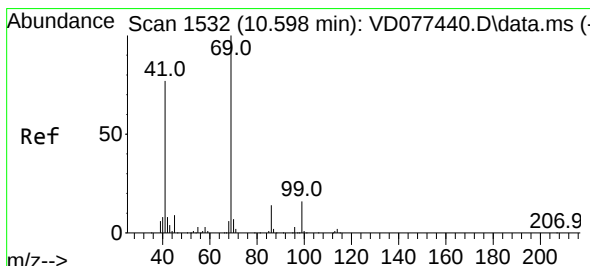
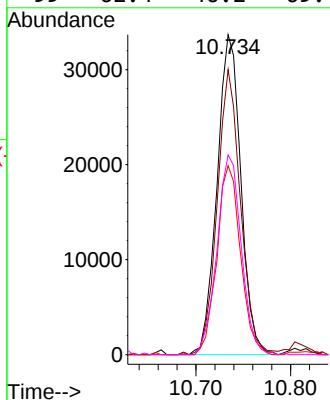
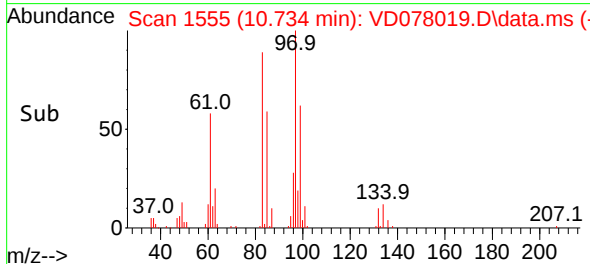
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



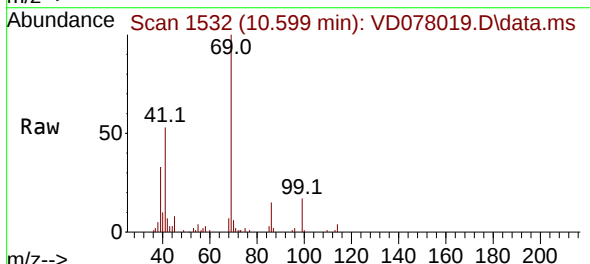
Tgt Ion:	97	Resp:	5894
Ion	Ratio	Lower	Upper
97	100		
83	89.1	65.8	98.6
85	59.0	45.7	68.5
99	62.4	46.2	69.4

Manual Integrations
APPROVED

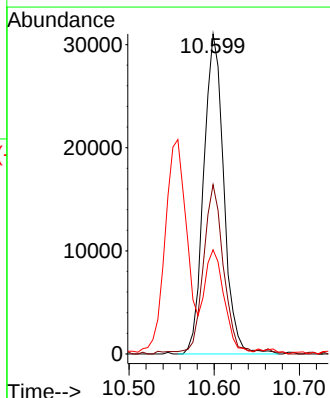
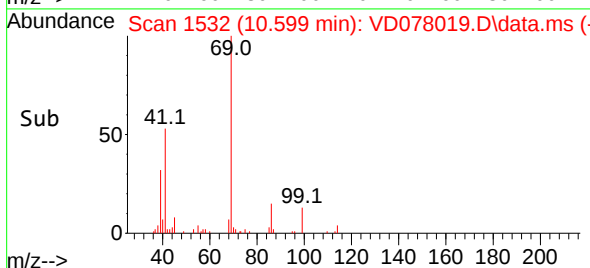
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

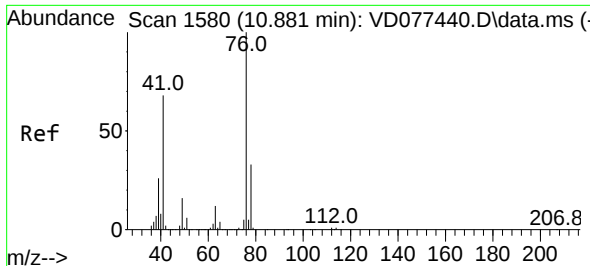


#56
Ethyl methacrylate
Concen: 55.884 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion:	69	Resp:	50836
Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.1	58.7
39	32.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 57.268 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078019.D

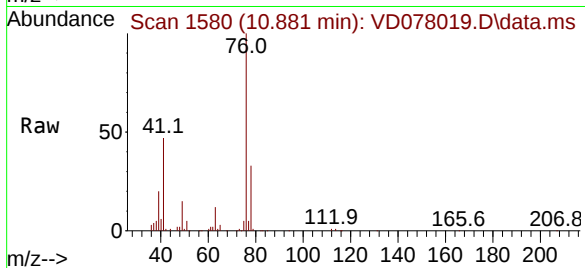
Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 101860

Ion Ratio Lower Upper

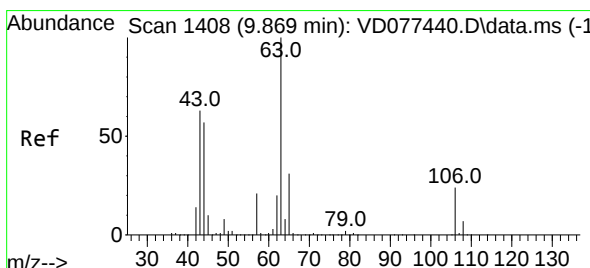
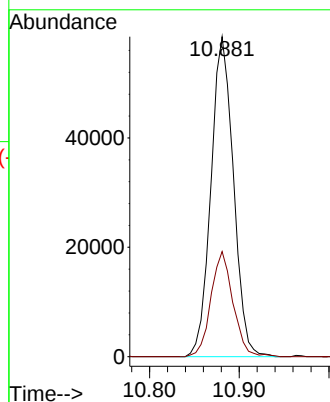
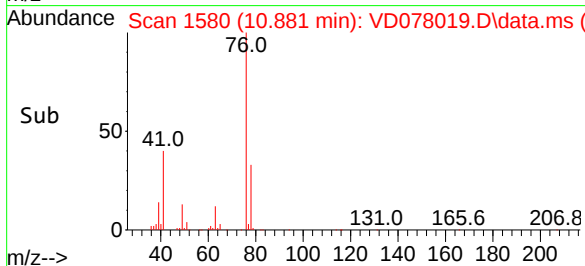
76 100

78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 231.955 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078019.D

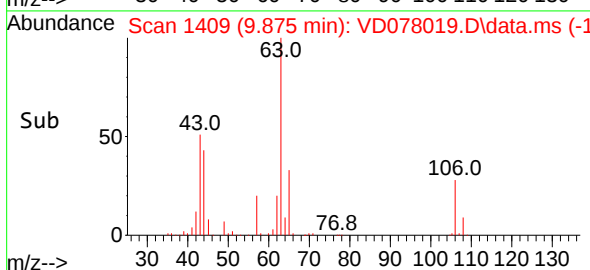
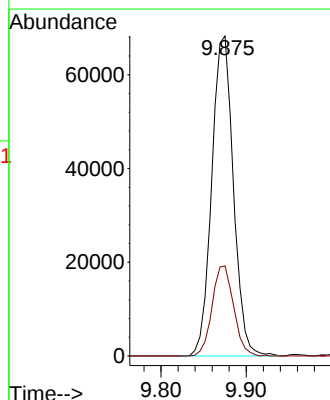
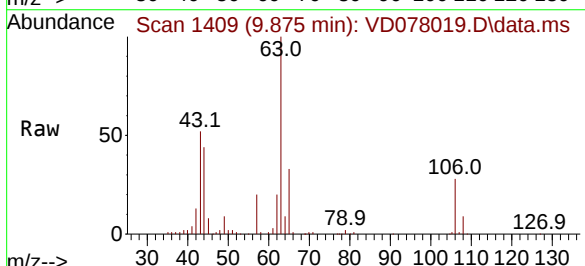
Acq: 21 Dec 2023 04:01

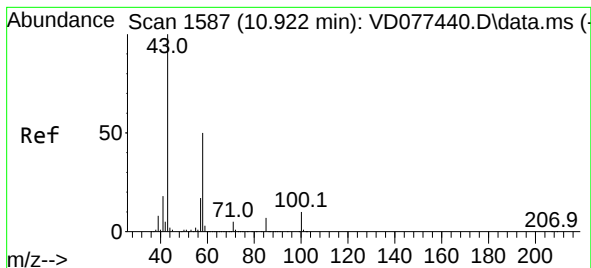
Tgt Ion: 63 Resp: 120331

Ion Ratio Lower Upper

63 100

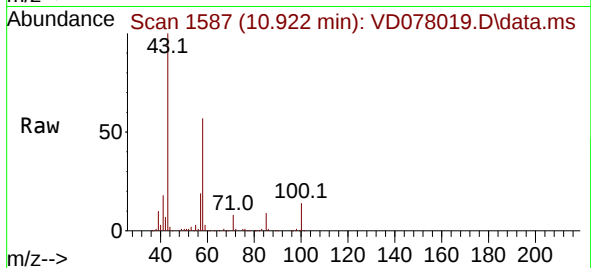
106 28.0 25.3 37.9





#59
2-Hexanone
Concen: 202.078 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

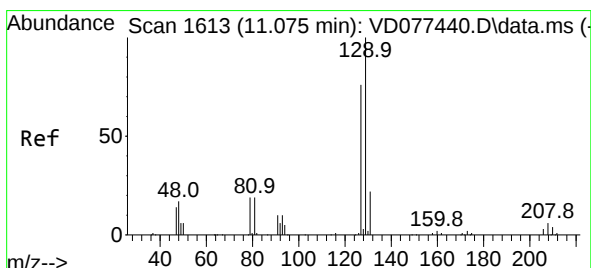
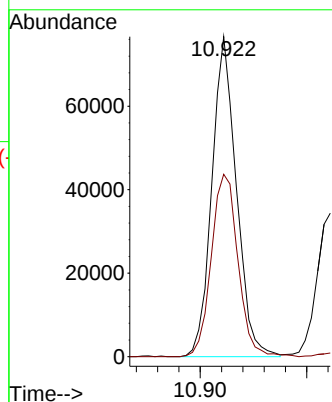
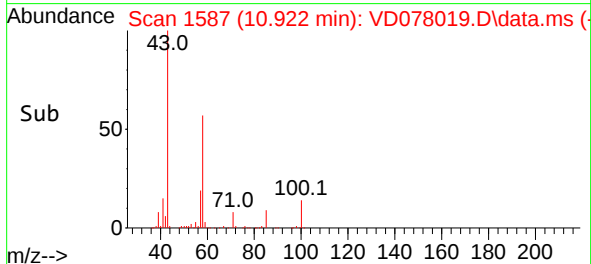
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 122560
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2

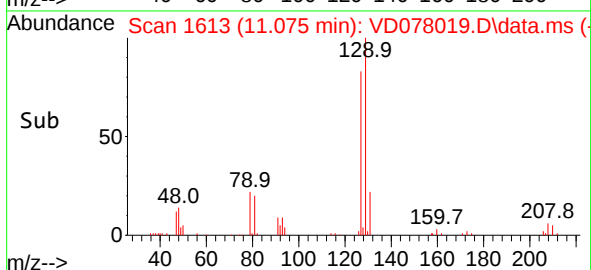
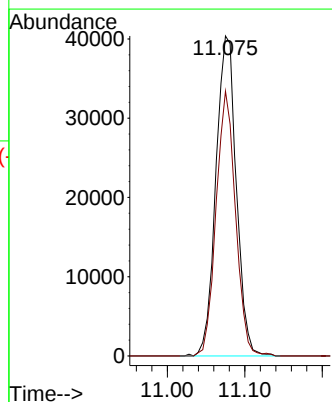
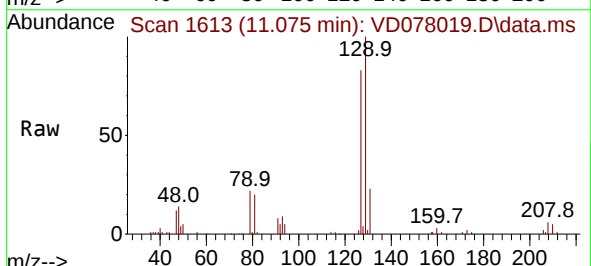
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#60
Dibromochloromethane
Concen: 59.556 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

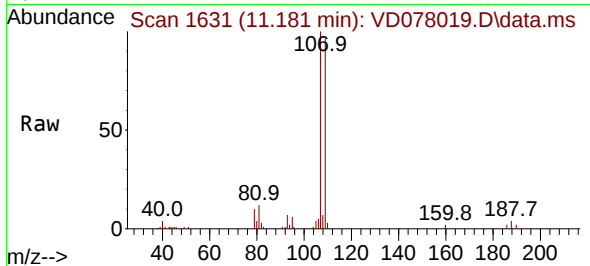
Tgt Ion:129 Resp: 73994
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 57.092 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

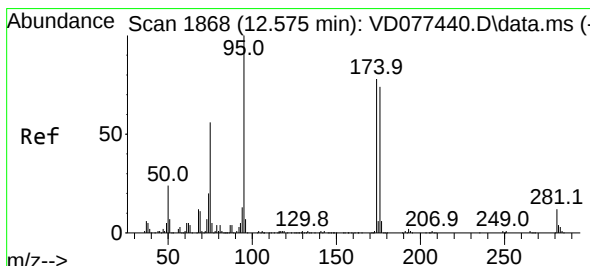
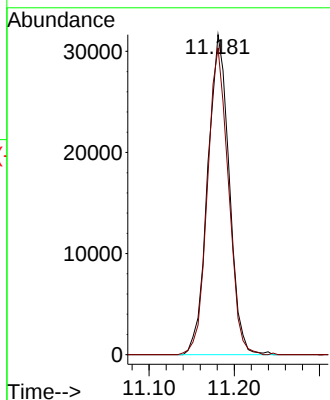
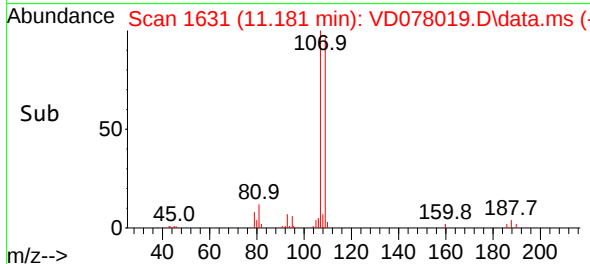
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



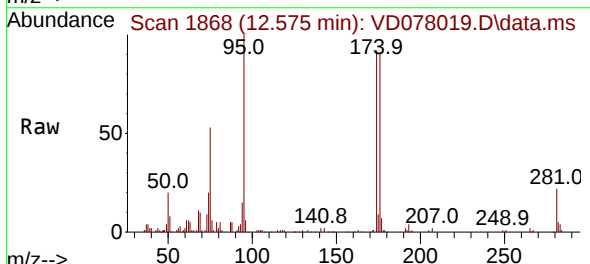
Tgt Ion:107 Resp: 55459
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

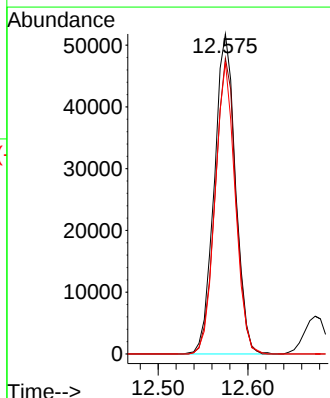
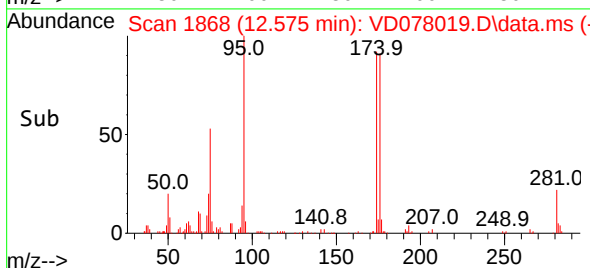
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

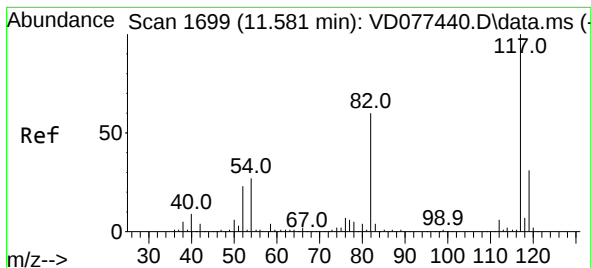


#62
4-Bromofluorobenzene
Concen: 55.011 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



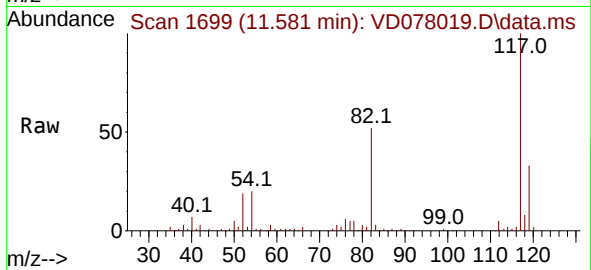
Tgt Ion: 95 Resp: 85103
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 86.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

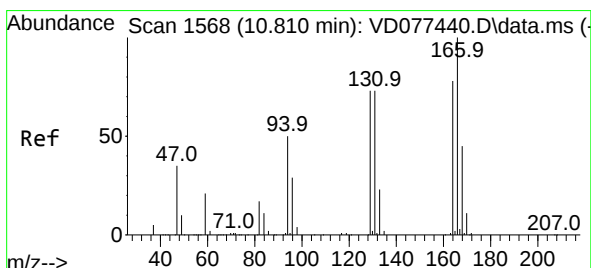
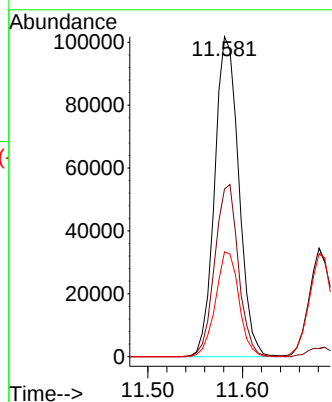
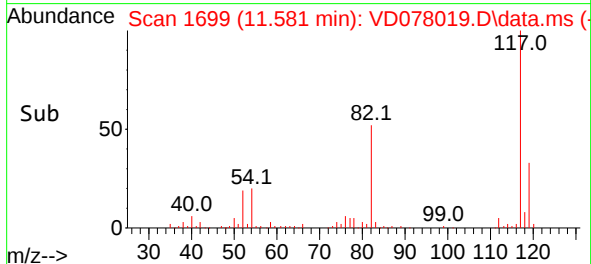
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 18026
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.8 25.0 37.4

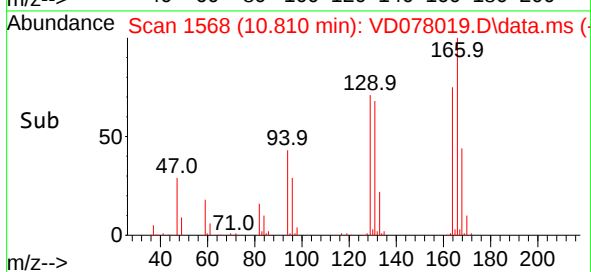
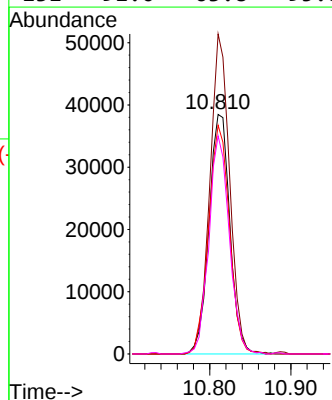
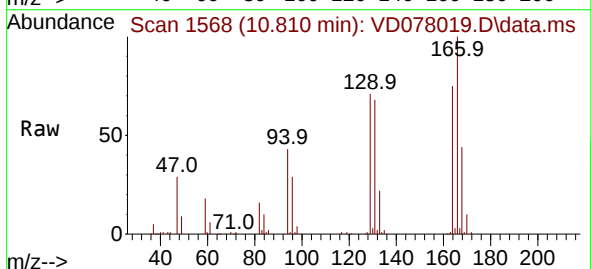
Manual Integrations
APPROVED

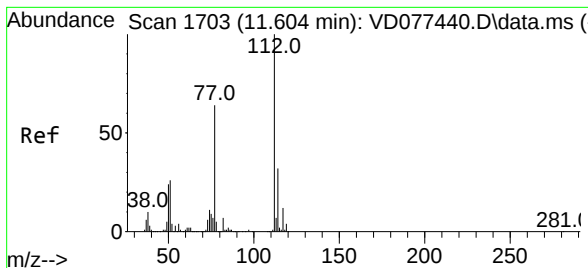
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#64
Tetrachloroethene
Concen: 51.902 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

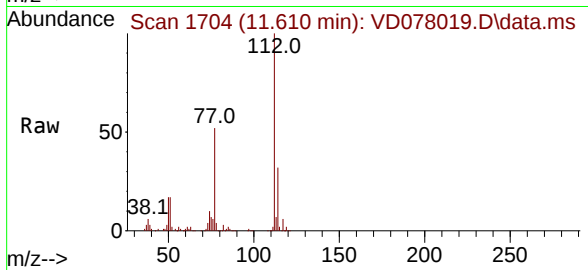
Tgt Ion:164 Resp: 68767
Ion Ratio Lower Upper
164 100
166 133.6 99.2 148.8
129 95.4 68.4 102.6
131 91.0 63.8 95.8





#65
Chlorobenzene
Concen: 52.352 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

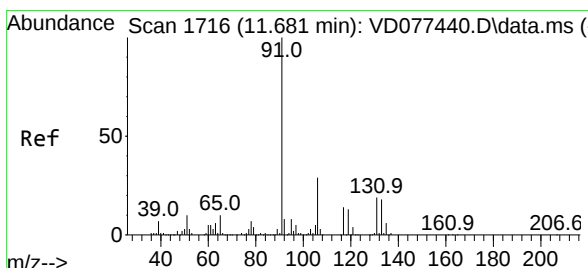
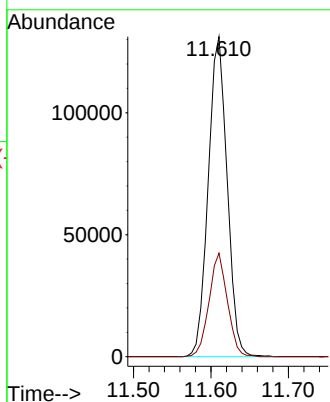
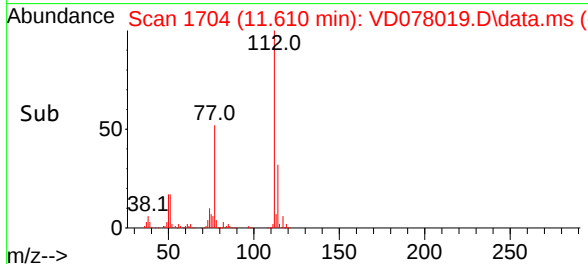
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



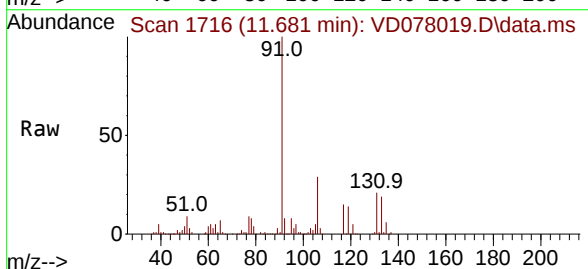
Tgt Ion:112 Resp: 222098
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

Manual Integrations
APPROVED

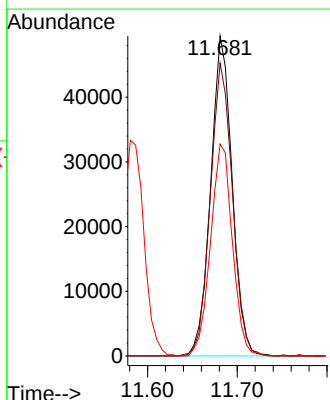
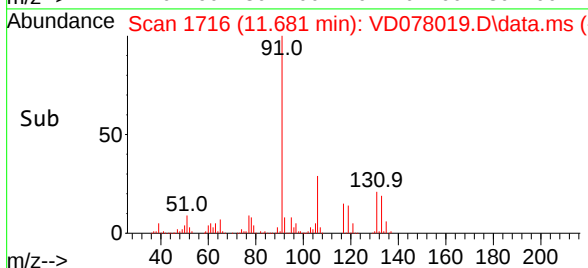
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

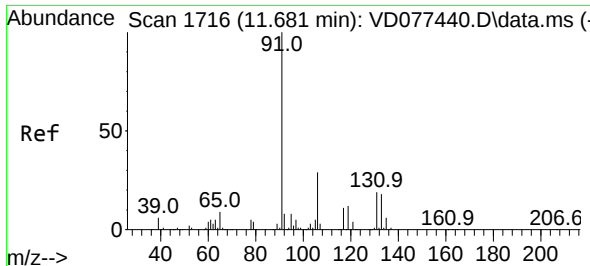


#66
1,1,1,2-Tetrachloroethane
Concen: 54.666 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion:131 Resp: 81946
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 67.7 35.6 106.9





#67

Ethyl Benzene

Concen: 53.831 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 40400

Ion Ratio Lower Upper

91 100

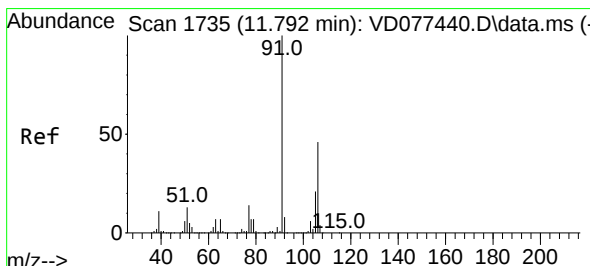
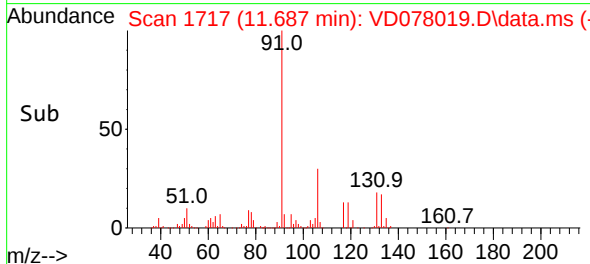
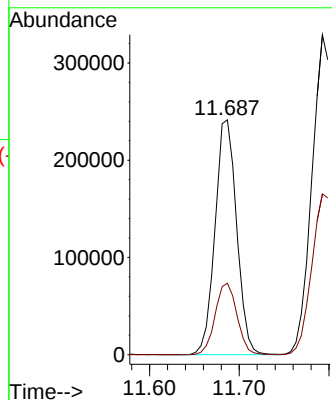
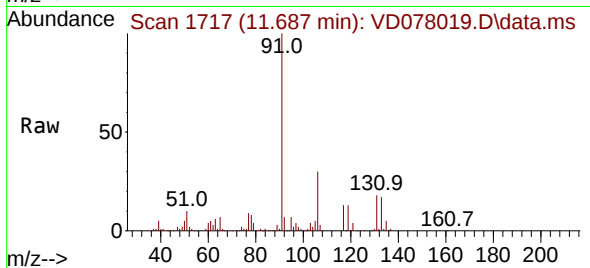
106 30.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#68

m/p-Xylenes

Concen: 107.882 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078019.D

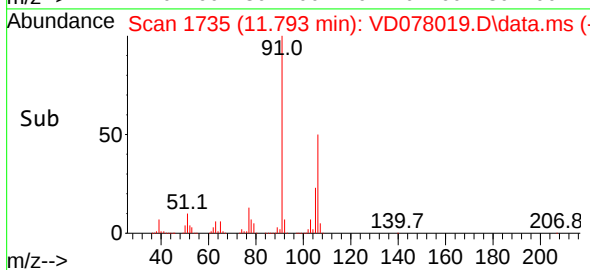
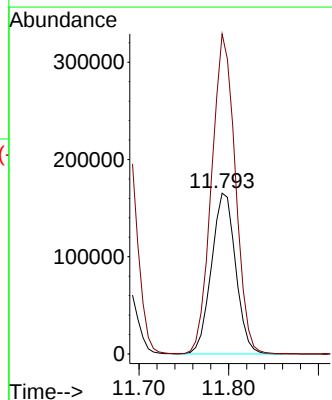
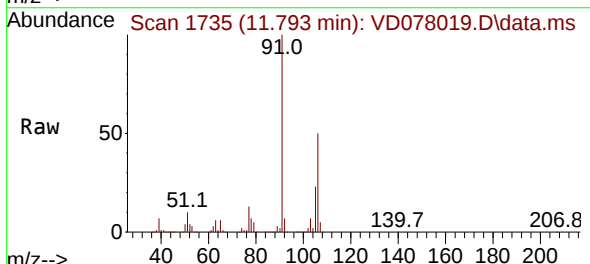
Acq: 21 Dec 2023 04:01

Tgt Ion:106 Resp: 309699

Ion Ratio Lower Upper

106 100

91 195.4 147.0 220.6





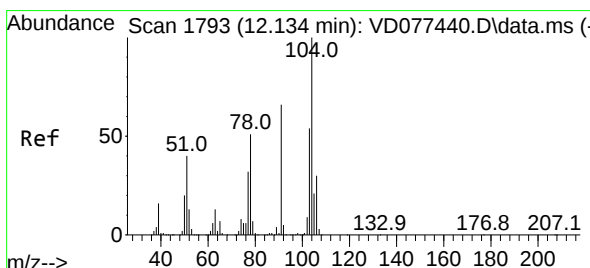
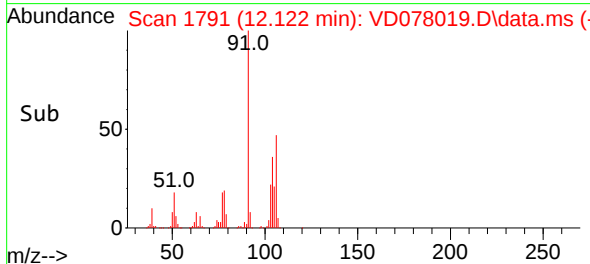
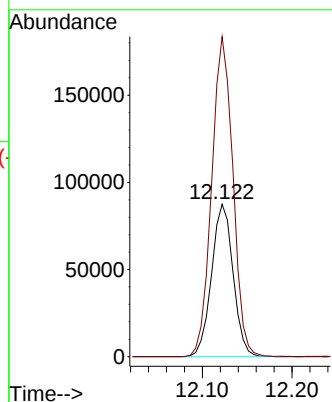
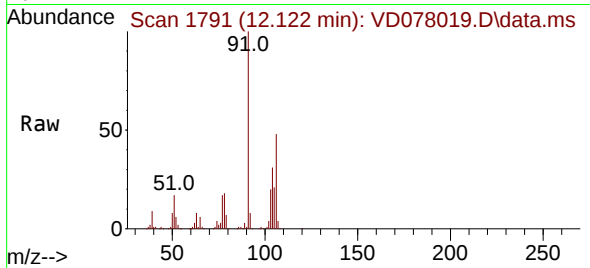
#69
o-Xylene
Concen: 55.042 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 145620
Ion Ratio Lower Upper
106 100
91 207.4 97.9 293.6

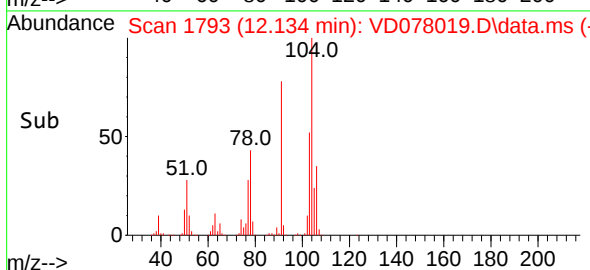
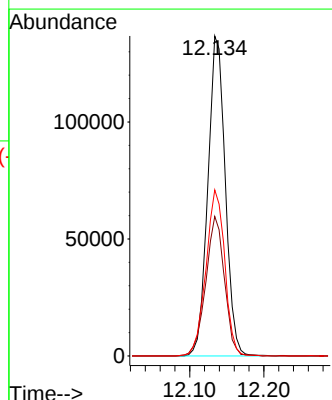
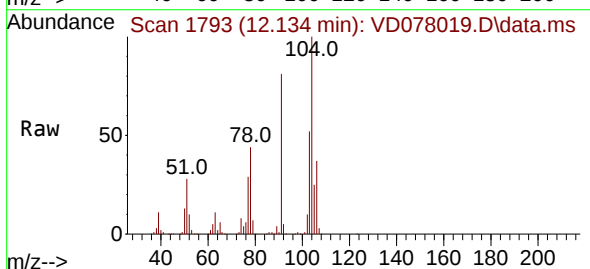
Manual Integrations
APPROVED

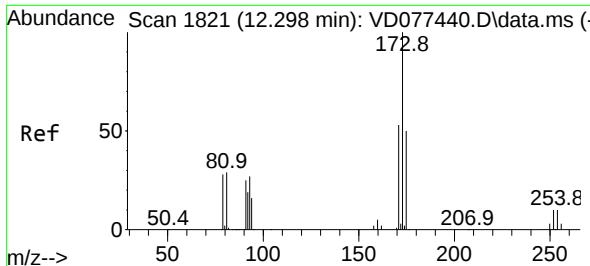
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#70
Styrene
Concen: 56.809 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

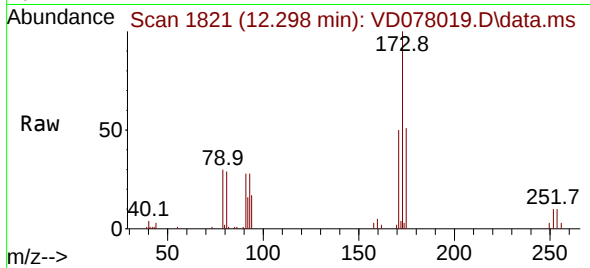
Tgt Ion:104 Resp: 223490
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 56.1 43.6 65.4





#71
Bromoform
Concen: 54.859 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

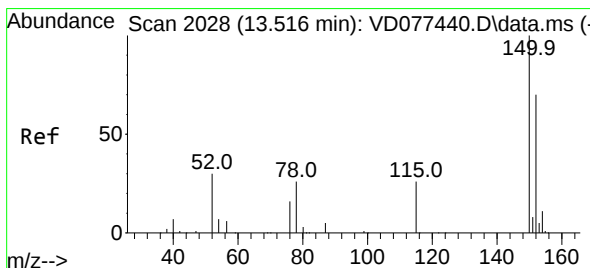
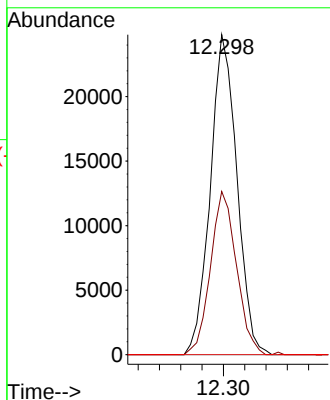
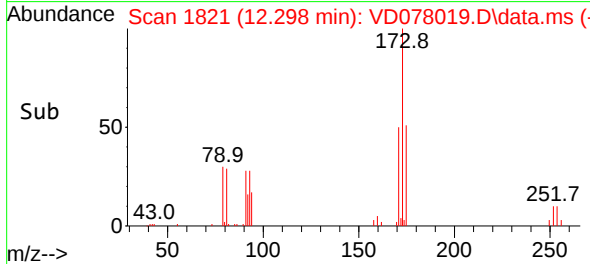
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 42969
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.0 0.0

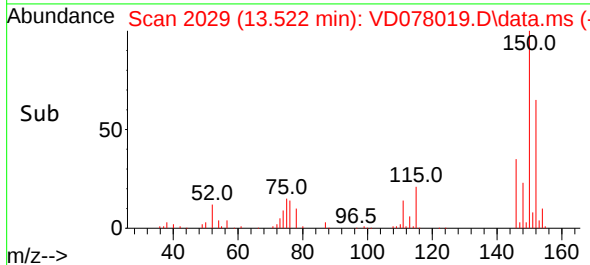
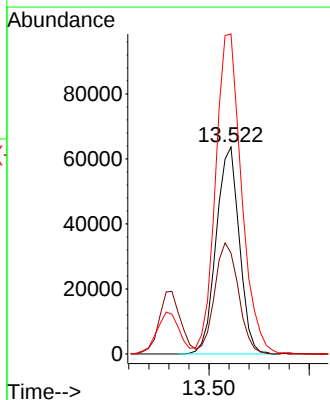
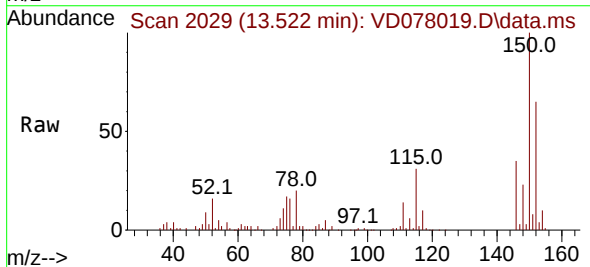
Manual Integrations
APPROVED

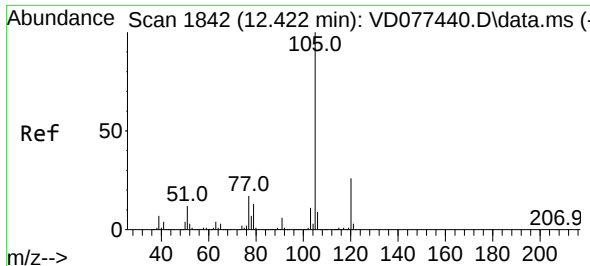
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

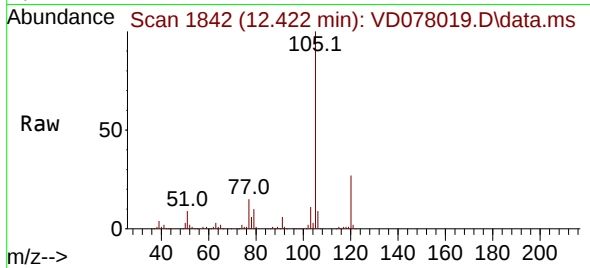
Tgt Ion:152 Resp: 101726
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 174.3 0.0 353.6





#73
Isopropylbenzene
Concen: 49.678 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

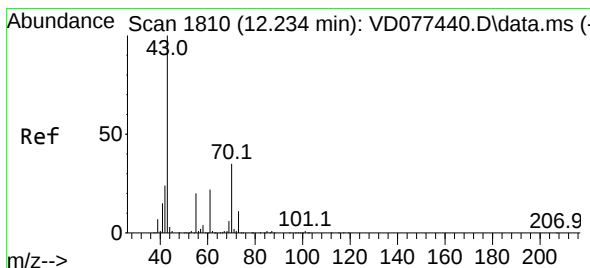
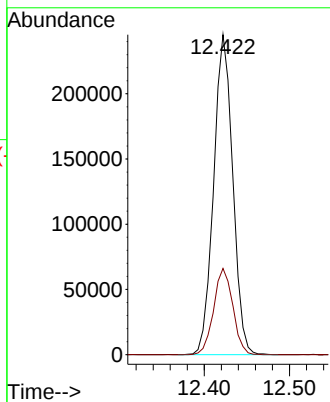
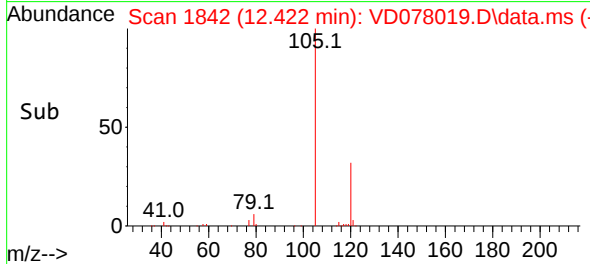
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 383010
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

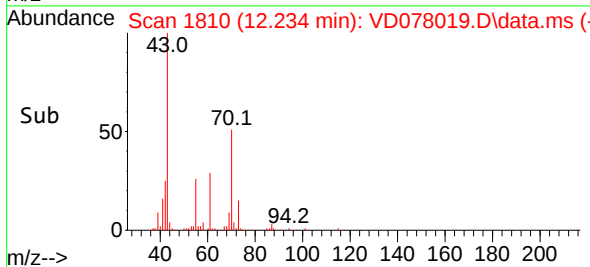
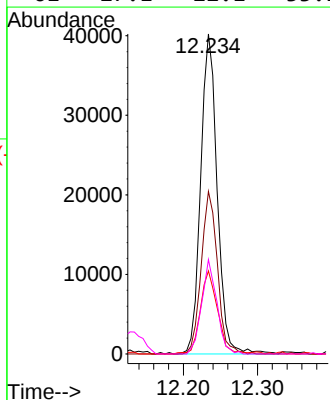
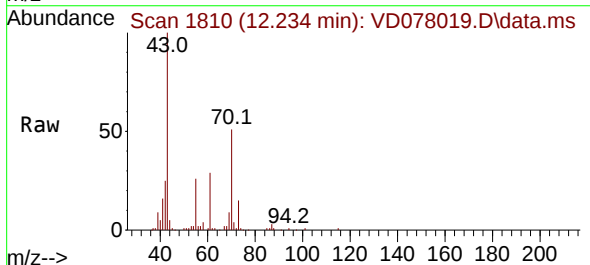
Manual Integrations
APPROVED

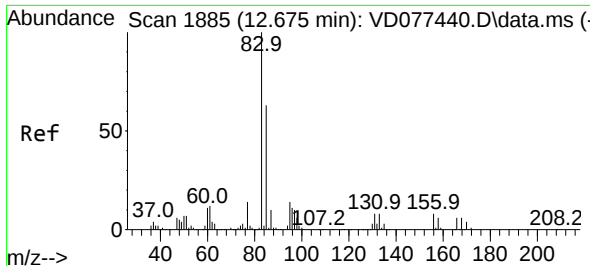
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#74
N-ethyl acetate
Concen: 41.134 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

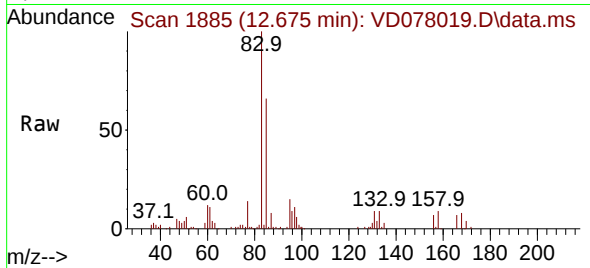
Tgt Ion: 43 Resp: 62341
Ion Ratio Lower Upper
43 100
70 49.9 45.0 67.4
55 26.8 23.8 35.6
61 27.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 51.427 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

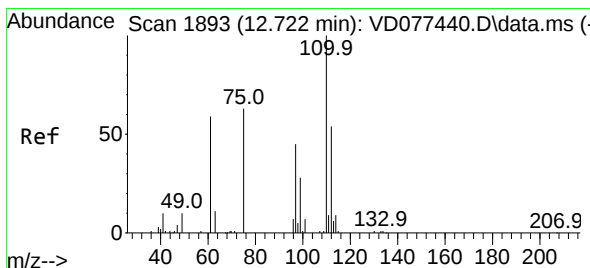
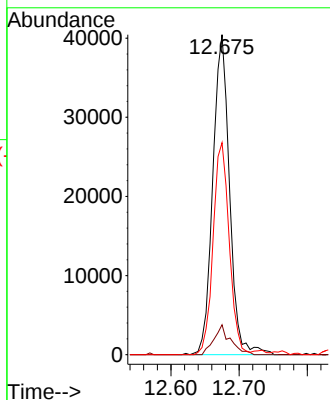
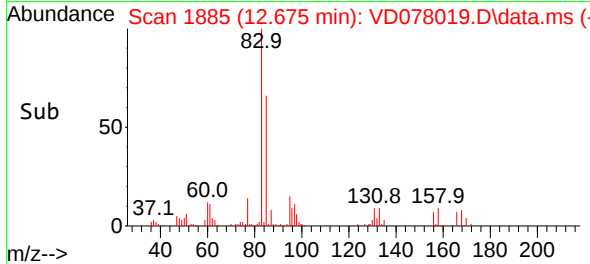
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 6913
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 63.8 32.6 97.8

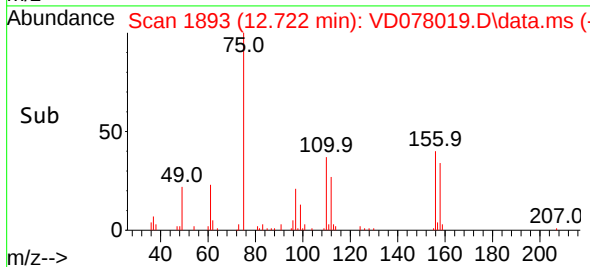
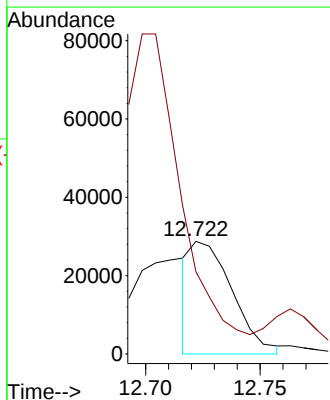
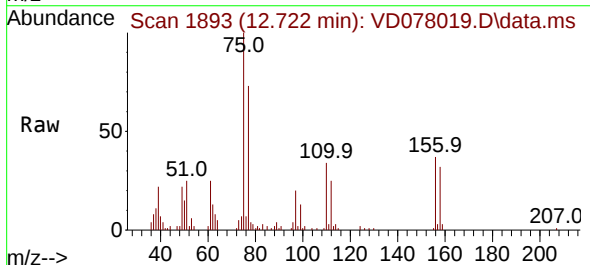
Manual Integrations
APPROVED

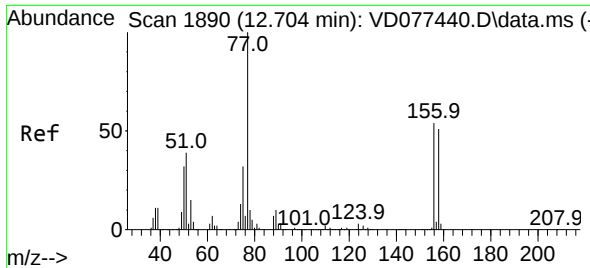
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#76
1,2,3-Trichloropropane
Concen: 41.035 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 75 Resp: 36254
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





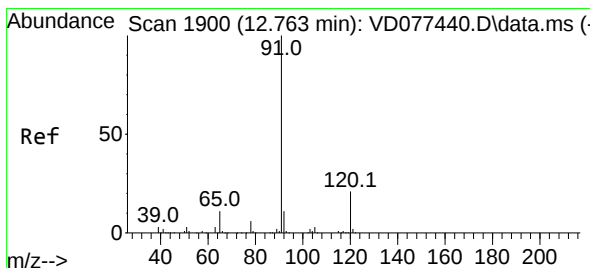
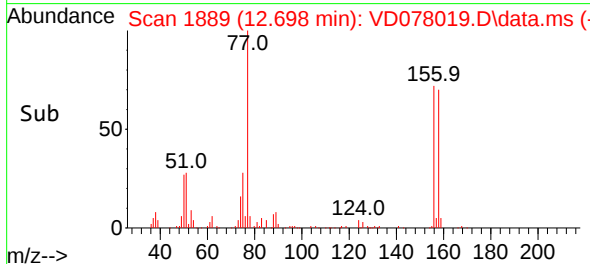
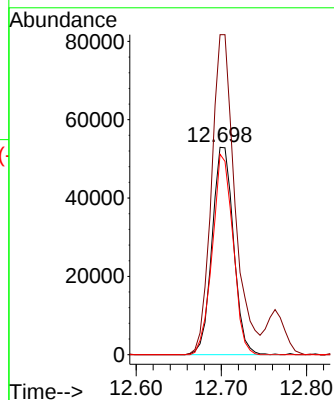
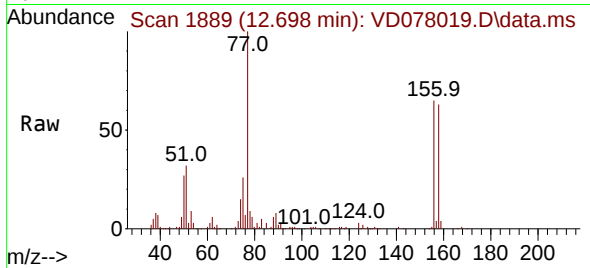
#77
Bromobenzene
Concen: 51.016 ug/l
RT: 12.698 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 9251
Ion Ratio Lower Upper
156 100
77 168.1 76.8 230.4
158 93.1 48.6 145.9

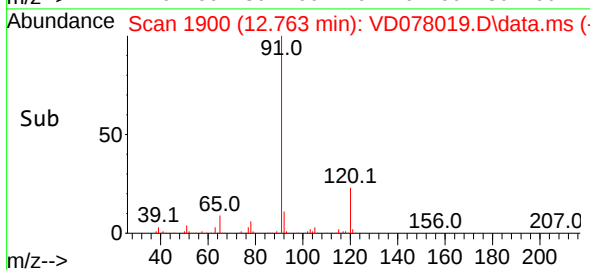
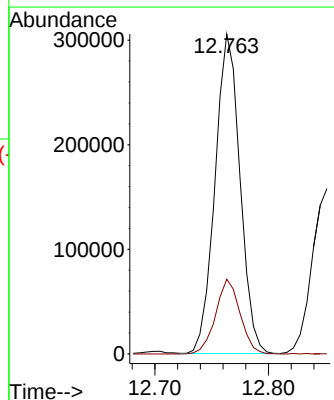
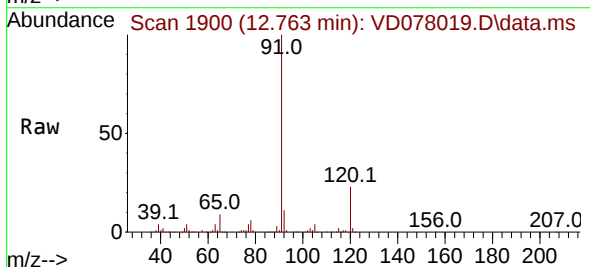
Manual Integrations
APPROVED

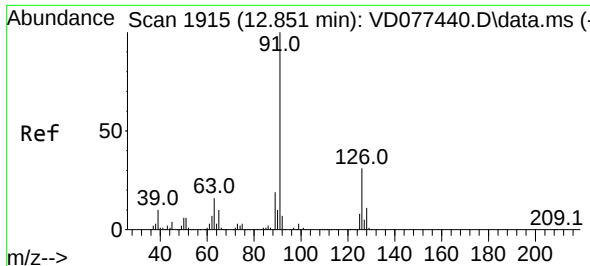
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#78
n-propylbenzene
Concen: 49.610 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

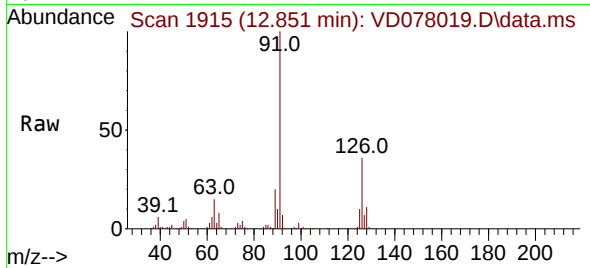
Tgt Ion: 91 Resp: 466078
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2





#79
2-Chlorotoluene
Concen: 50.792 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

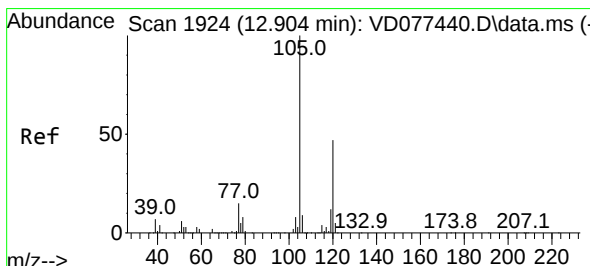
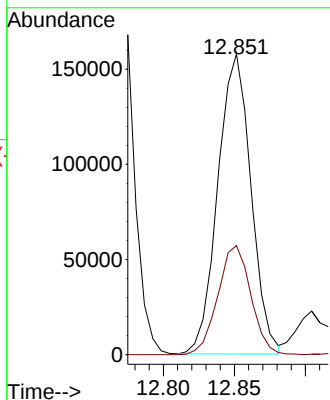
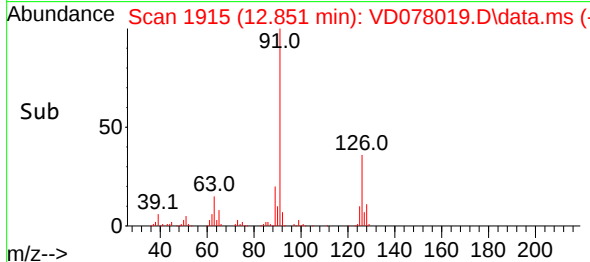
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



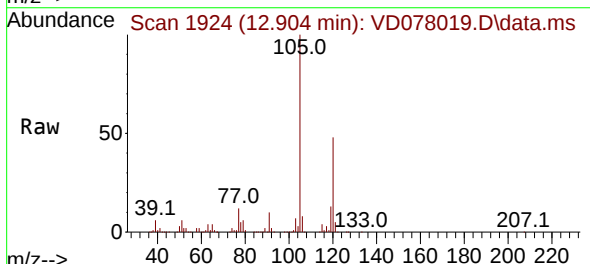
Tgt Ion: 91 Resp: 255728
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1

Manual Integrations
APPROVED

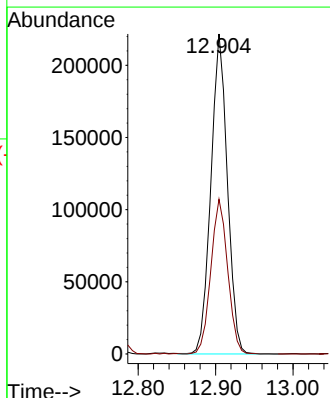
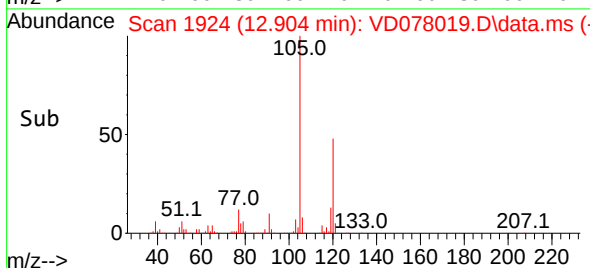
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

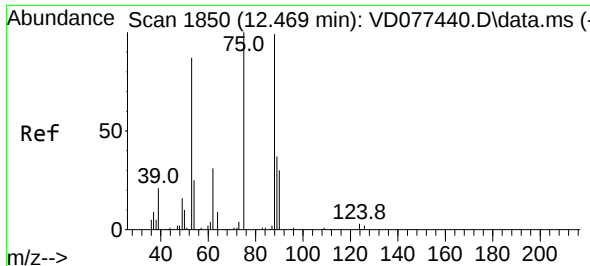


#80
1,3,5-Trimethylbenzene
Concen: 51.020 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion:105 Resp: 328075
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2





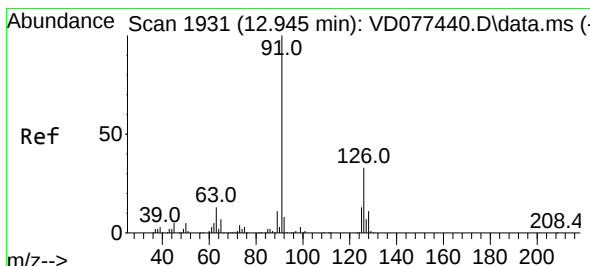
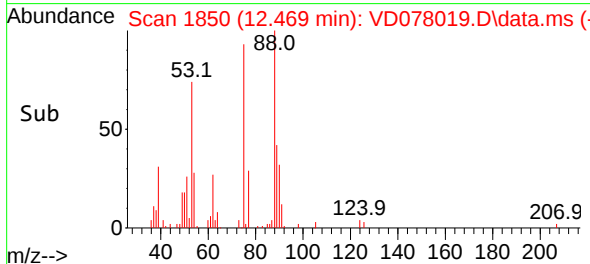
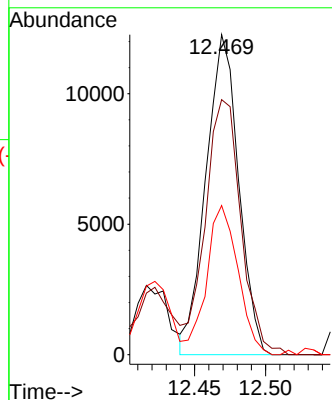
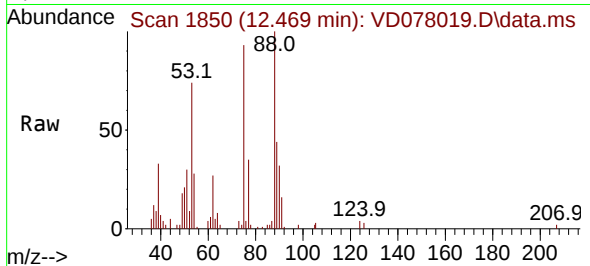
#81
trans-1,4-Dichloro-2-butene
Concen: 44.931 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
53 87.1 63.0 94.4
89 45.1 37.9 56.9

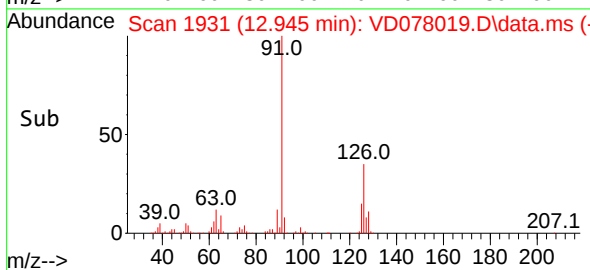
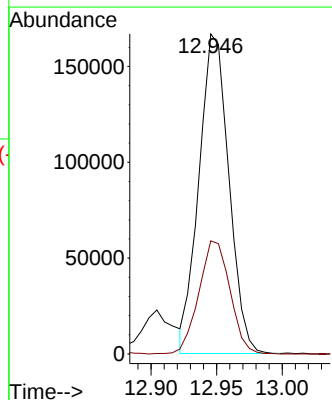
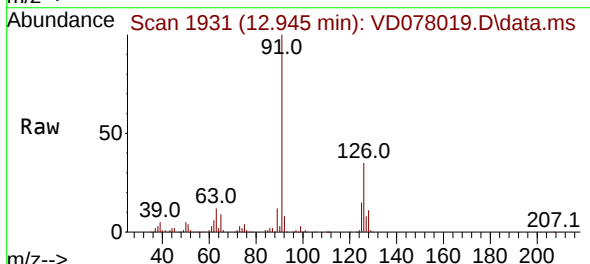
Manual Integrations
APPROVED

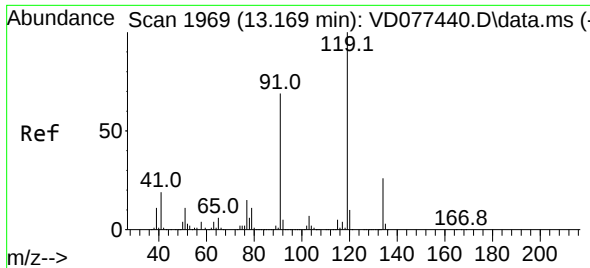
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#82
4-Chlorotoluene
Concen: 50.282 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 91 Resp: 264660
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





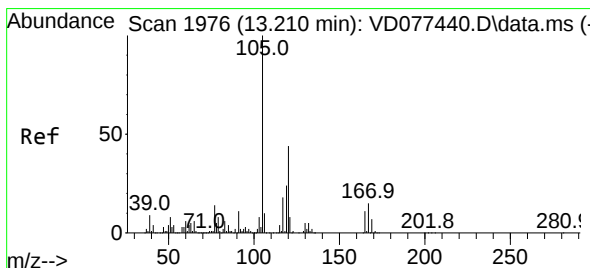
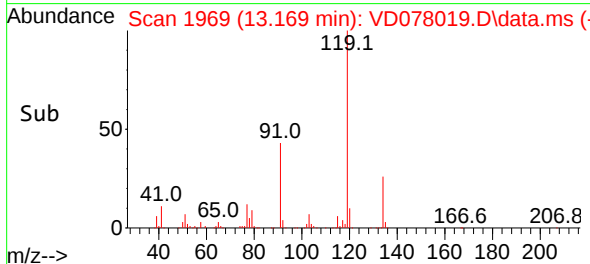
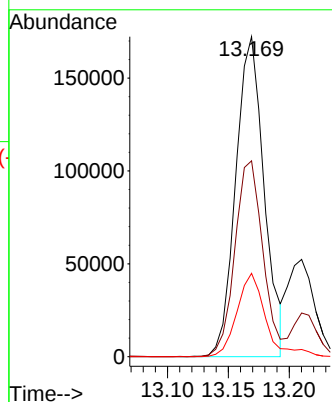
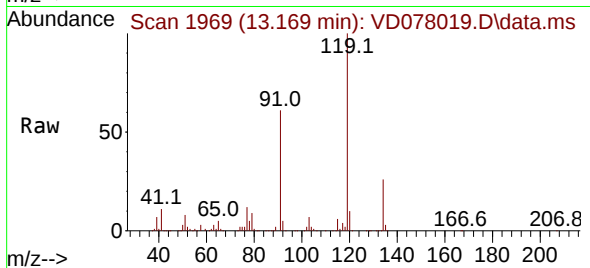
#83
tert-Butylbenzene
Concen: 51.505 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 279609
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 26.4 14.1 42.3

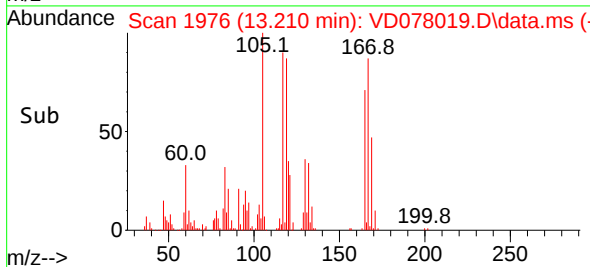
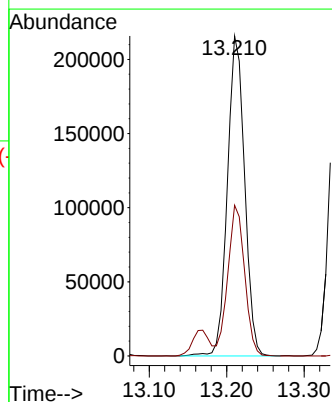
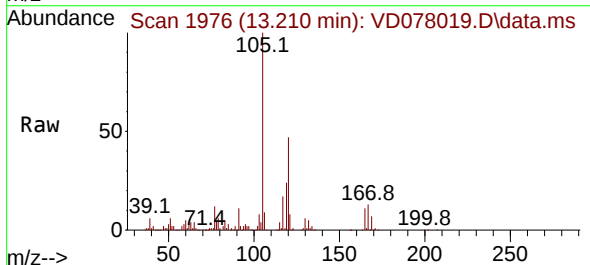
Manual Integrations
APPROVED

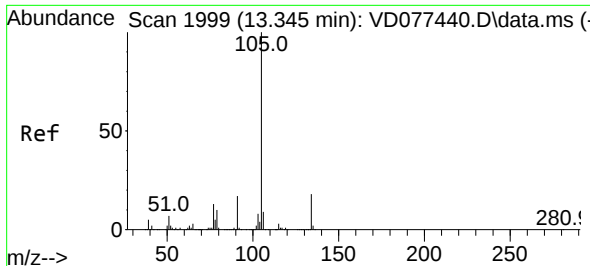
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.796 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

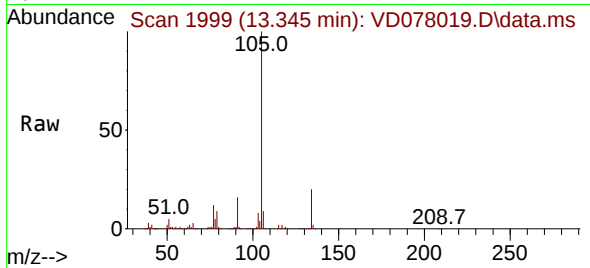
Tgt Ion:105 Resp: 333131
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 50.001 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

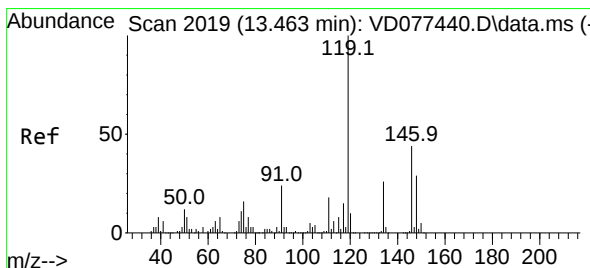
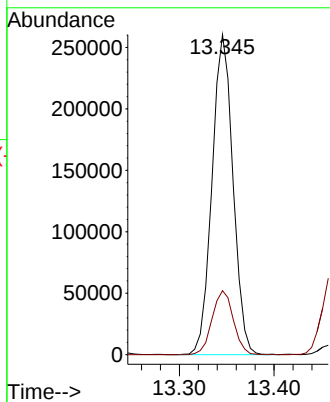
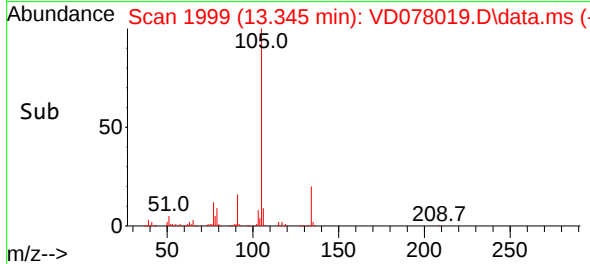
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



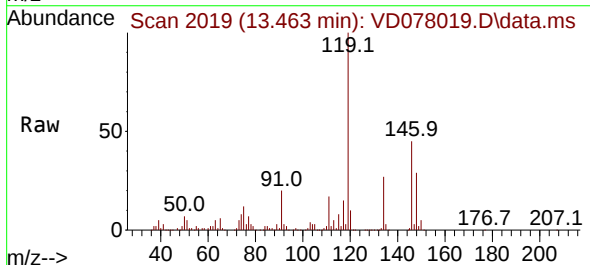
Tgt Ion:105 Resp: 40123
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9

Manual Integrations
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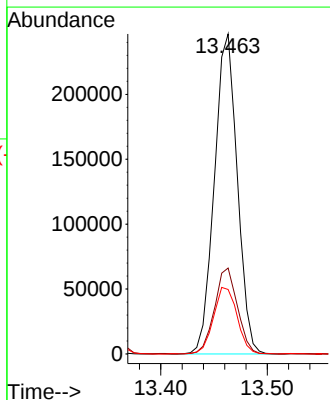
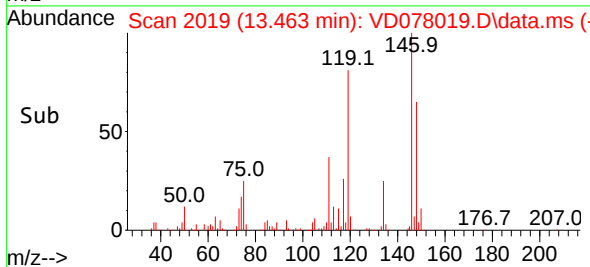
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

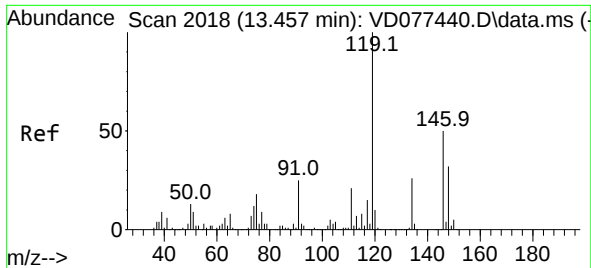


#86
 p-Isopropyltoluene
 Concen: 51.144 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01



Tgt Ion:119 Resp: 367447
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.385 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 194272

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

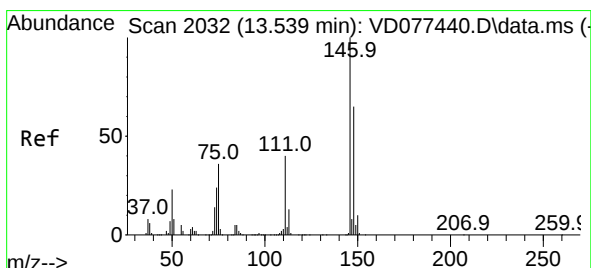
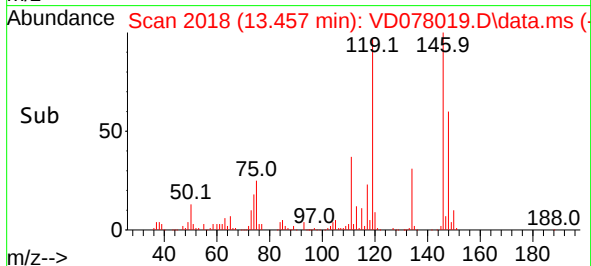
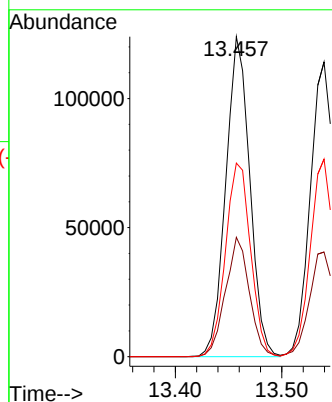
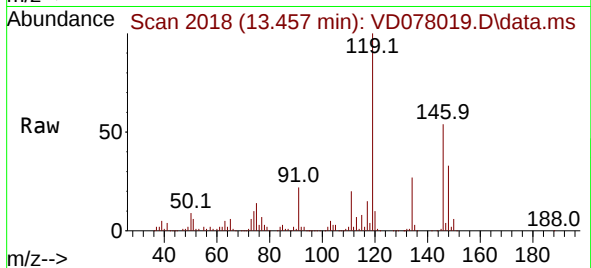
148 63.3 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#88

1,4-Dichlorobenzene

Concen: 49.482 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

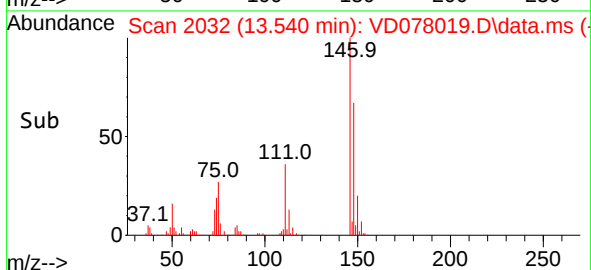
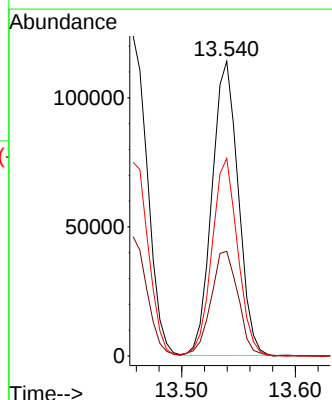
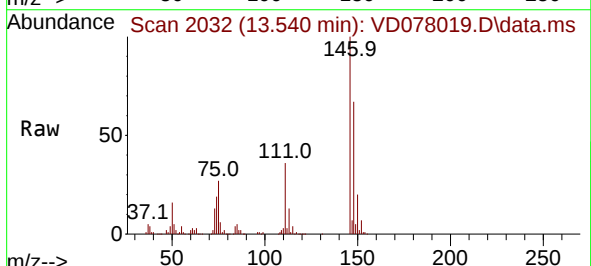
Tgt Ion:146 Resp: 183226

Ion Ratio Lower Upper

146 100

111 36.9 17.4 52.3

148 65.9 31.7 95.1





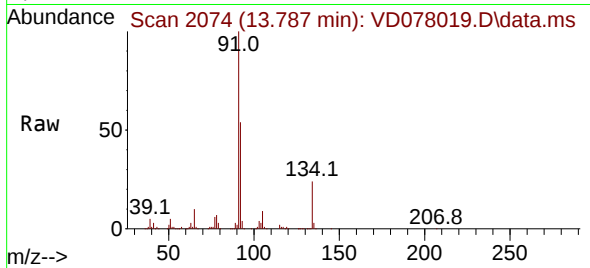
#89
n-Butylbenzene
Concen: 49.863 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

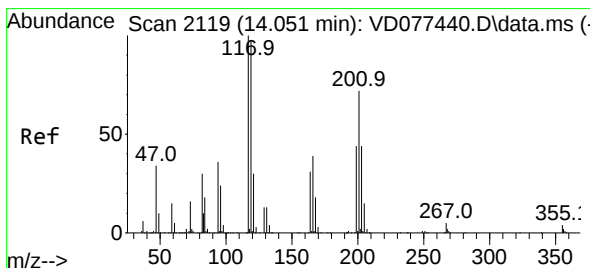
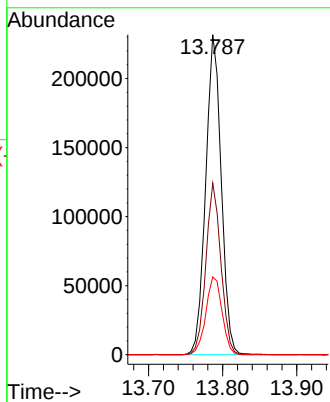
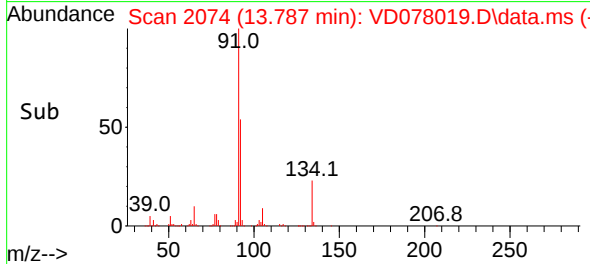


Tgt Ion: 91 Resp: 337089
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.4 13.8 41.3

Manual Integrations

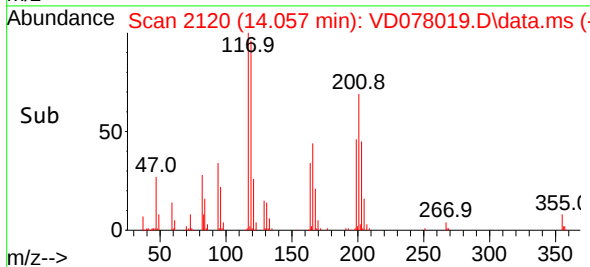
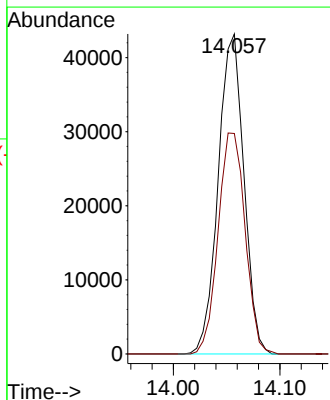
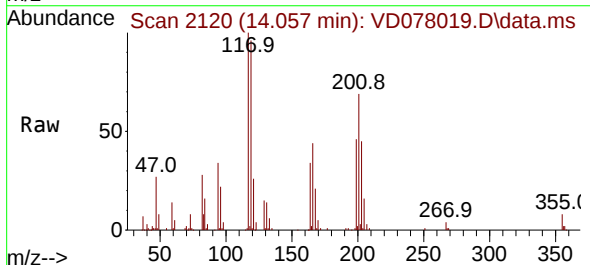
APPROVED

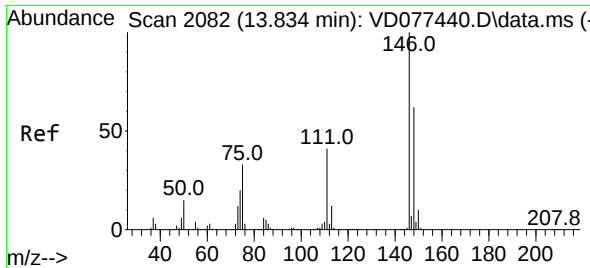
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#90
Hexachloroethane
Concen: 54.723 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

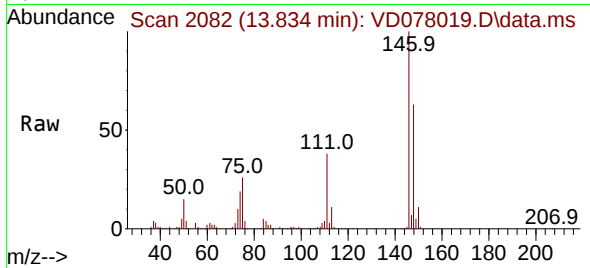
Tgt Ion:117 Resp: 72305
Ion Ratio Lower Upper
117 100
201 72.6 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 51.073 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

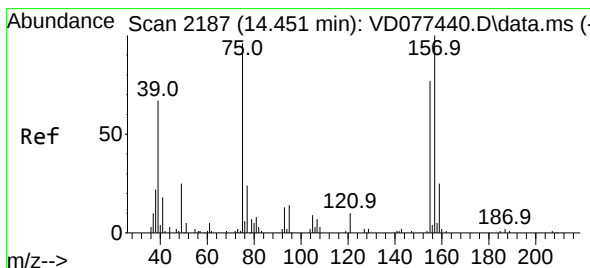
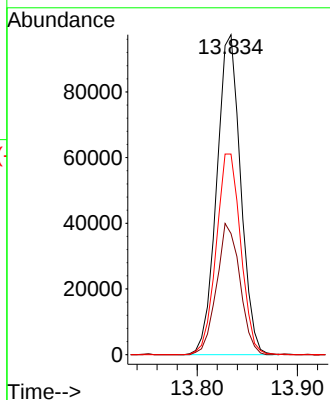
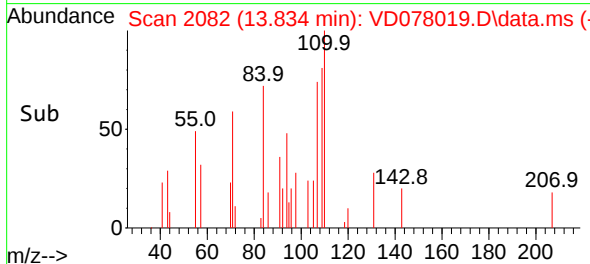
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



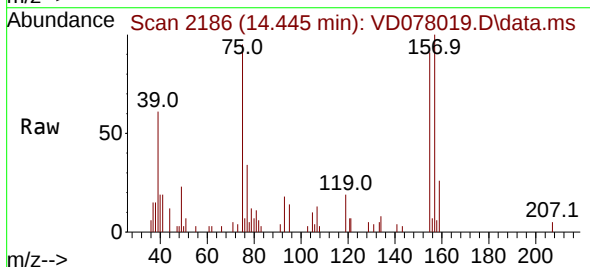
Tgt Ion:146 Resp: 16108
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.3 31.6 94.7

Manual Integrations
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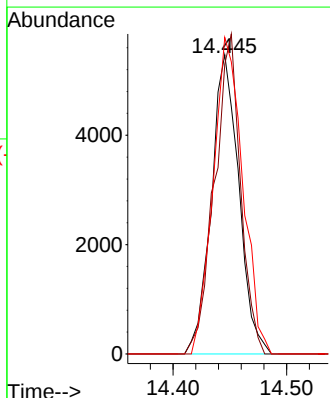
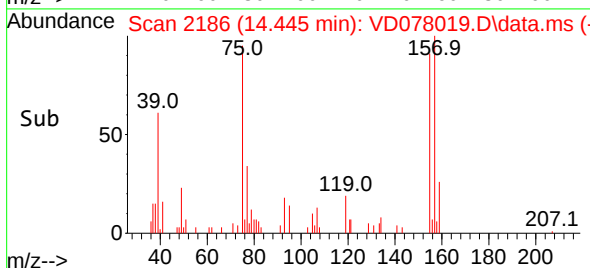
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

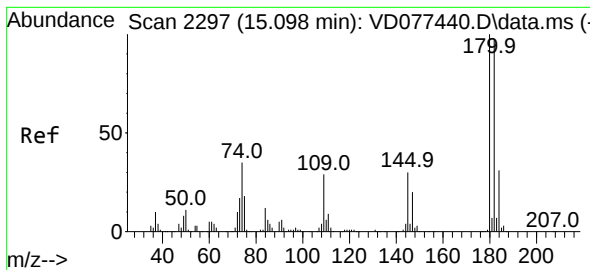


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.094 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



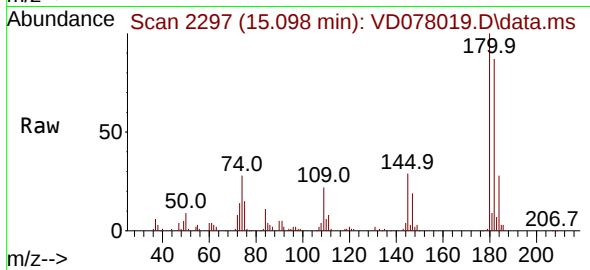
Tgt Ion: 75 Resp: 9182
Ion Ratio Lower Upper
75 100
155 101.4 47.9 143.8
157 114.3 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 46.696 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

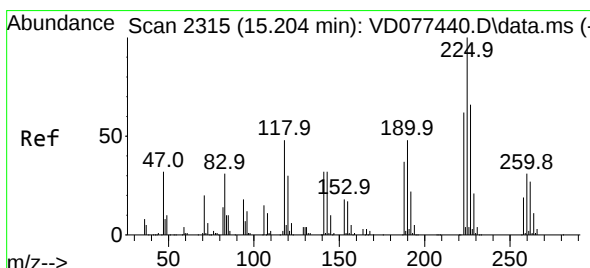
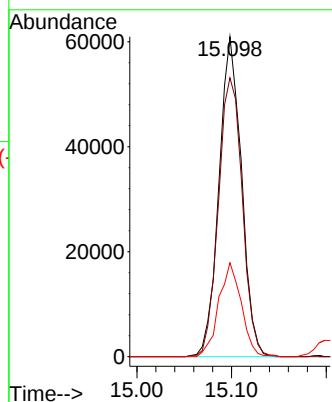
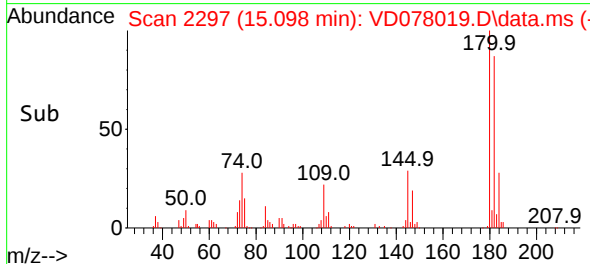
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



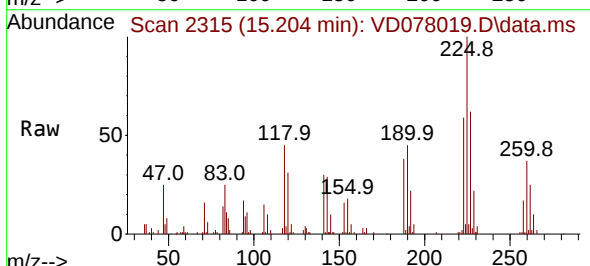
Tgt Ion:180 Resp: 100600
Ion Ratio Lower Upper
180 100
182 92.7 48.5 145.6
145 29.5 14.2 42.6

Manual Integrations
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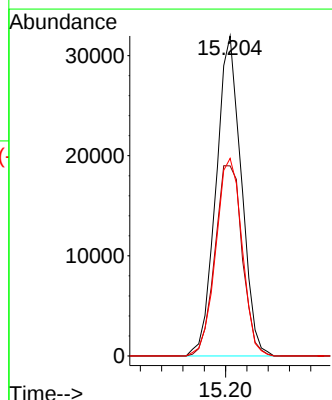
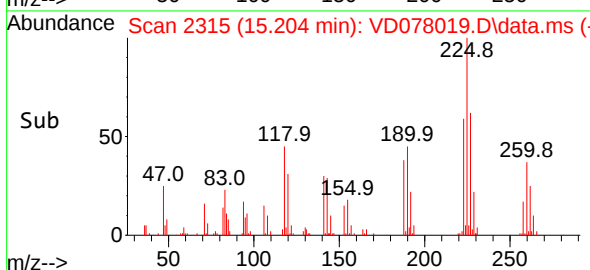
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

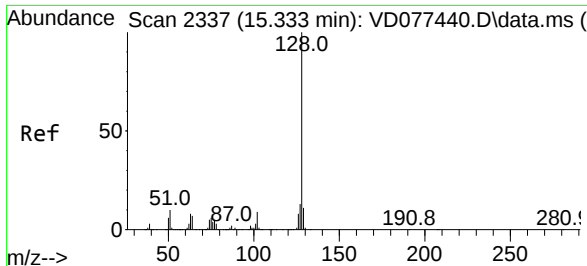


#94
Hexachlorobutadiene
Concen: 45.226 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



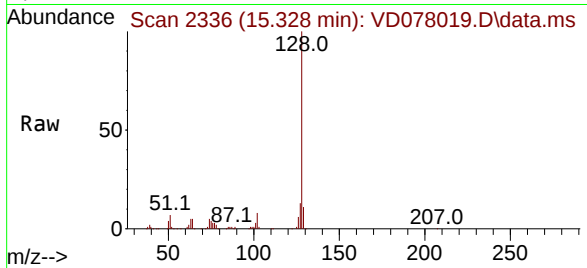
Tgt Ion:225 Resp: 52541
Ion Ratio Lower Upper
225 100
223 64.3 31.6 94.8
227 64.1 31.7 95.1





#95
Naphthalene
Concen: 50.977 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.005 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

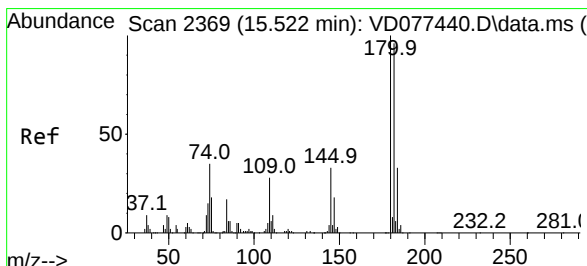
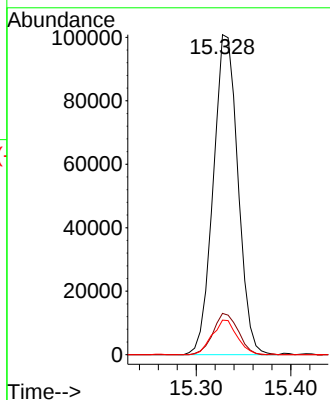
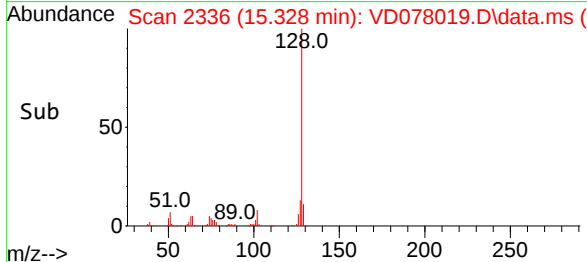
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 182474
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.019 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:180 Resp: 87063
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 30.1 15.1 45.3

