

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078401.D
 Acq On : 13 Feb 2024 13:30
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 00:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	167167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	270342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	136108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80938	44.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.560%		
35) Dibromofluoromethane	7.810	113	84431	45.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.600%		
50) Toluene-d8	10.269	98	336540	45.633	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.575	95	95752	44.616	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	84356	51.216	ug/l	100
3) Chloromethane	2.158	50	144792	47.835	ug/l	99
4) Vinyl Chloride	2.287	62	217075	46.997	ug/l	98
5) Bromomethane	2.693	94	143145	44.898	ug/l	100
6) Chloroethane	2.840	64	152054	45.146	ug/l	100
7) Trichlorofluoromethane	3.175	101	147454	47.325	ug/l	96
8) Diethyl Ether	3.599	74	38991	43.446	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	91559	46.580	ug/l	96
10) Methyl Iodide	4.169	142	85087	48.331	ug/l	91
11) Tert butyl alcohol	5.052	59	20858	212.058	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	85590	46.967	ug/l	93
13) Acrolein	3.799	56	32072	192.070	ug/l	94
14) Allyl chloride	4.569	41	103738	46.080	ug/l	91
15) Acrylonitrile	5.258	53	86602	225.418	ug/l	99
16) Acetone	4.034	43	84801	242.887	ug/l #	83
17) Carbon Disulfide	4.275	76	280050	45.670	ug/l	96
18) Methyl Acetate	4.575	43	68622	52.215	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	175005	45.200	ug/l	99
20) Methylene Chloride	4.805	84	100824	49.192	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	99666	46.490	ug/l	93
22) Diisopropyl ether	6.222	45	232525	46.862	ug/l	95
23) Vinyl Acetate	6.163	43	441836	204.566	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	163064	46.390	ug/l	97
25) 2-Butanone	7.087	43	107060	232.851	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	140342	47.627	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	108501	46.130	ug/l	93
28) Bromochloromethane	7.428	49	69136	49.658	ug/l	81
29) Tetrahydrofuran	7.452	42	60263	224.191	ug/l	91
30) Chloroform	7.599	83	172267	46.320	ug/l	97
31) Cyclohexane	7.881	56	142699	46.671	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	147364	46.474	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133855	46.737	ug/l	96
37) Ethyl Acetate	7.169	43	42084	41.918	ug/l	98
38) Carbon Tetrachloride	7.999	117	134130	47.291	ug/l	97
39) Methylcyclohexane	9.275	83	167711	49.326	ug/l	94
40) Benzene	8.252	78	388506	46.931	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24291	46.490	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	94489	44.113	ug/l	96
43) Isopropyl Acetate	8.363	43	84912	45.674	ug/l	95
44) Trichloroethene	9.034	130	98659	46.715	ug/l	95
45) 1,2-Dichloropropane	9.304	63	92317	45.452	ug/l	91
46) Dibromomethane	9.399	93	51468	45.051	ug/l	90
47) Bromodichloromethane	9.587	83	131796	46.577	ug/l #	99
48) Methyl methacrylate	9.381	41	49774	50.465	ug/l #	79
49) 1,4-Dioxane	9.393	88	10820	874.552	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	221659	224.645	ug/l	93
52) Toluene	10.334	92	247462	47.271	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	120577	46.700	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	144098	46.026	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	69478	45.160	ug/l	94
56) Ethyl methacrylate	10.598	69	56107	39.432	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	117133	44.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212451	253.478	ug/l	95
59) 2-Hexanone	10.922	43	160467	216.402	ug/l	90
60) Dibromochloromethane	11.075	129	84482	45.639	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66899	46.318	ug/l	99
64) Tetrachloroethene	10.810	164	79763	46.712	ug/l	91
65) Chlorobenzene	11.610	112	251706	46.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	91712	45.918	ug/l	98
67) Ethyl Benzene	11.687	91	470862	48.353	ug/l	96
68) m/p-Xylenes	11.793	106	375906	98.962	ug/l	94
69) o-Xylene	12.122	106	167283	48.259	ug/l	94
70) Styrene	12.140	104	256172	45.282	ug/l	97
71) Bromoform	12.298	173	46235	43.980	ug/l #	100
73) Isopropylbenzene	12.422	105	449116	49.140	ug/l	96
74) N-amyl acetate	12.234	43	74987	43.369	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	78548	43.326	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	45773m	39.509	ug/l	
77) Bromobenzene	12.704	156	100387	46.737	ug/l	89
78) n-propylbenzene	12.763	91	553555	48.602	ug/l	95
79) 2-Chlorotoluene	12.851	91	288992	47.374	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	370796	48.859	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24957	44.838	ug/l	97
82) 4-Chlorotoluene	12.951	91	310254	47.354	ug/l	95
83) tert-Butylbenzene	13.169	119	316270	49.415	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	382182	49.620	ug/l	96
85) sec-Butylbenzene	13.345	105	477546	48.111	ug/l	96
86) p-Isopropyltoluene	13.463	119	428025	50.628	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	217193	47.378	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	209576	46.527	ug/l	99
89) n-Butylbenzene	13.792	91	410812	50.414	ug/l	97
90) Hexachloroethane	14.057	117	80674	46.427	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	178788	46.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10581	44.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	108712	48.051	ug/l	96
94) Hexachlorobutadiene	15.204	225	57407	48.613	ug/l	98
95) Naphthalene	15.334	128	194827	46.429	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91961	47.961	ug/l	99

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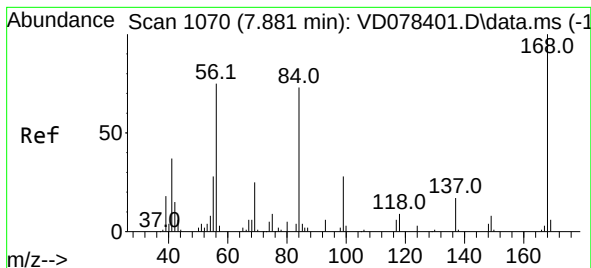
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 14 00:50:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 00:36:44 2024
Response via : Initial Calibration

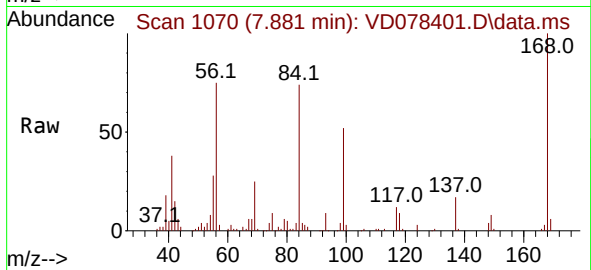
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078401.D
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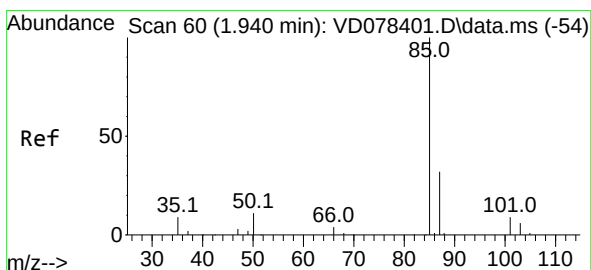
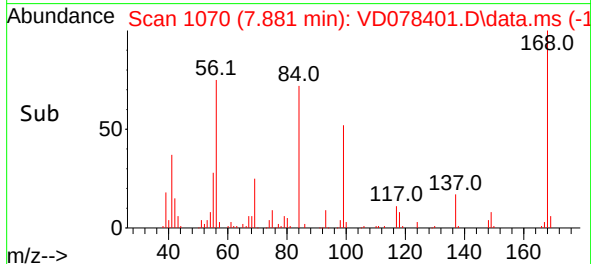
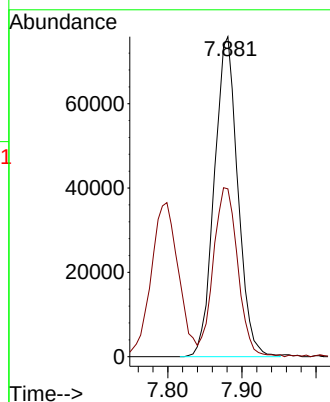
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 16716
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1

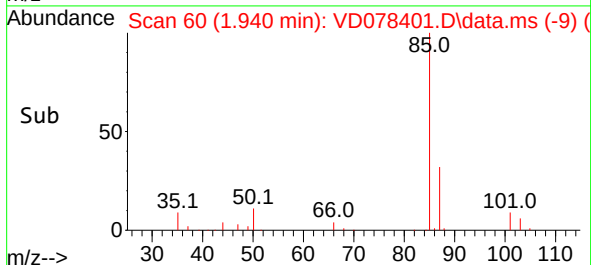
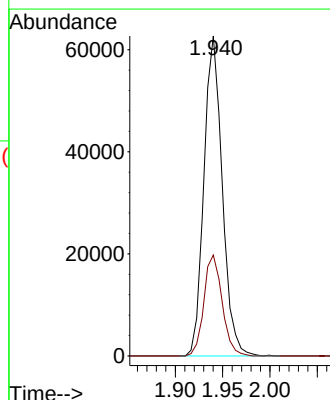
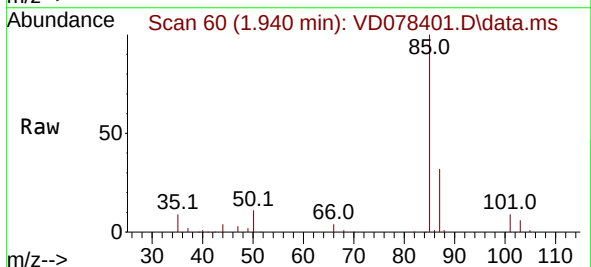
Manual Integrations
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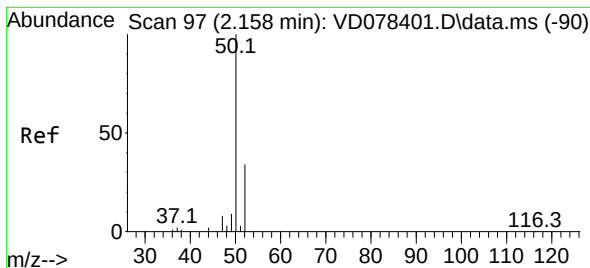
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#2
Dichlorodifluoromethane
Concen: 51.216 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 85 Resp: 84356
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





#3

Chloromethane

Concen: 47.835 ug/l

RT: 2.158 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 144792

Ion Ratio Lower Upper

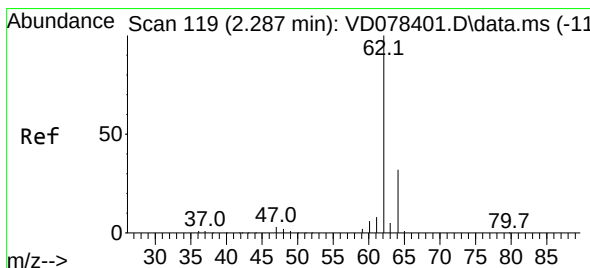
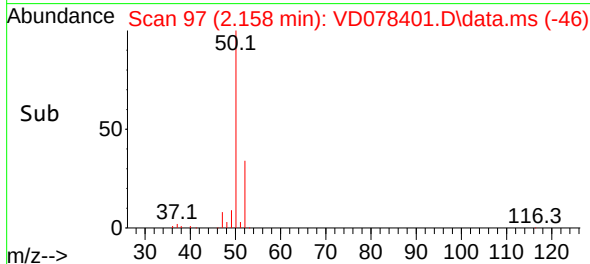
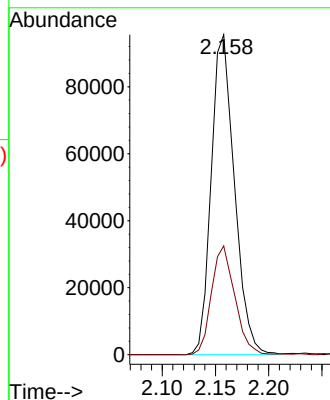
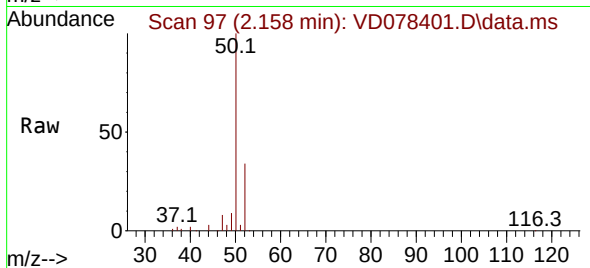
50 100

52 34.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#4

Vinyl Chloride

Concen: 46.997 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078401.D

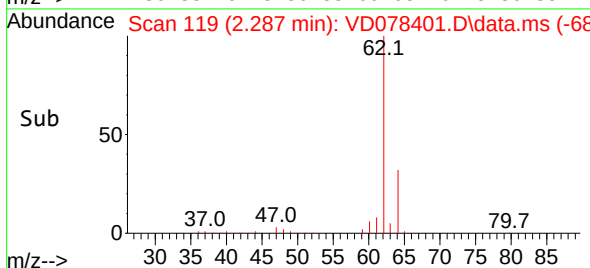
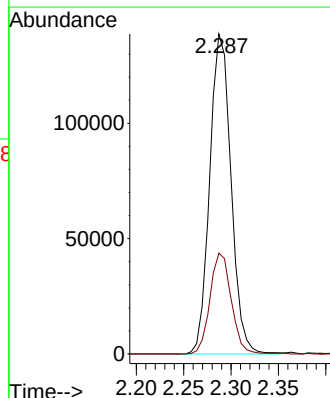
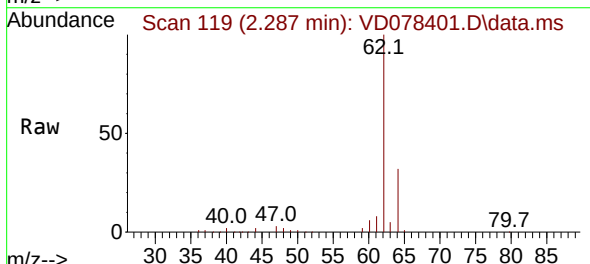
Acq: 13 Feb 2024 13:30

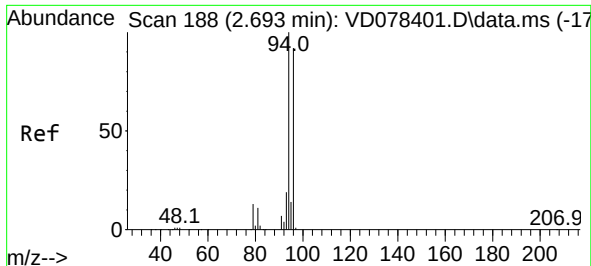
Tgt Ion: 62 Resp: 217075

Ion Ratio Lower Upper

62 100

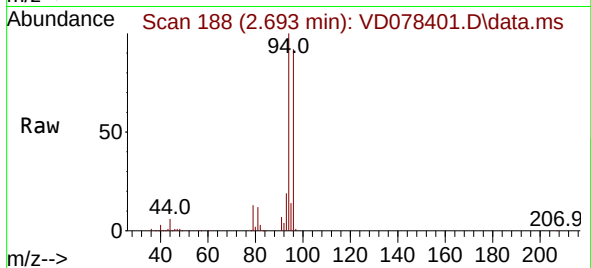
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 44.898 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

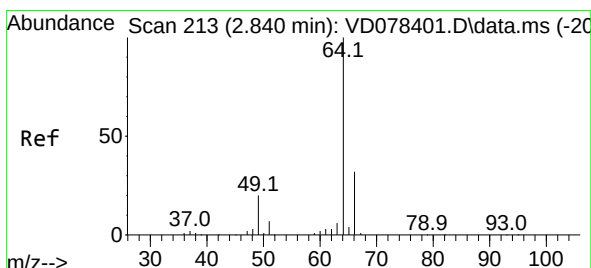
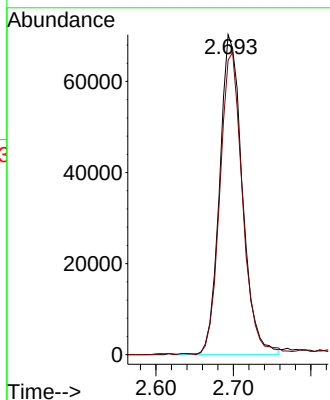
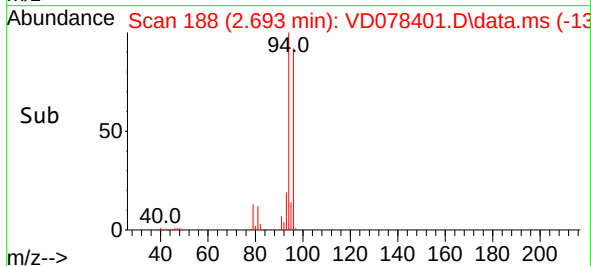
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 143145
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8

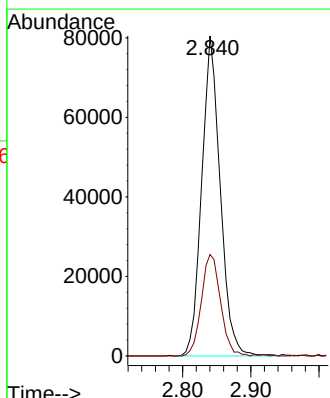
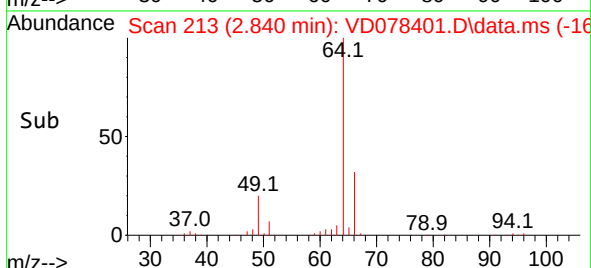
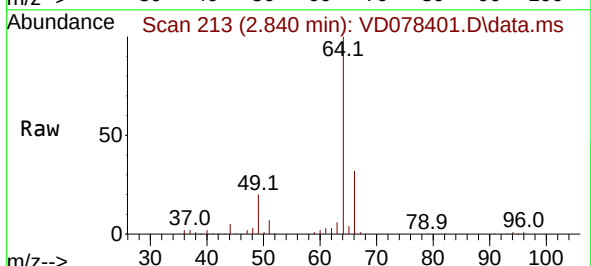
Manual Integrations
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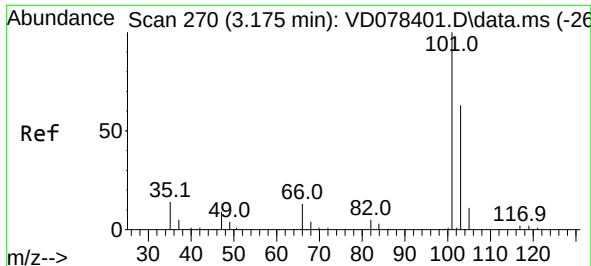
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#6
Chloroethane
Concen: 45.146 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

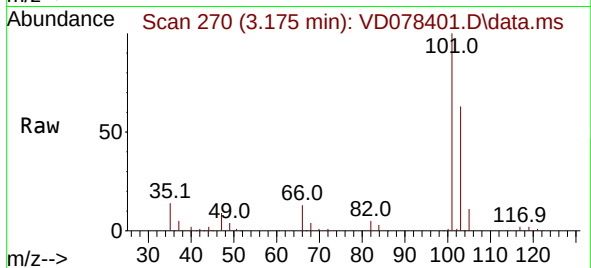
Tgt Ion: 64 Resp: 152054
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 47.325 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

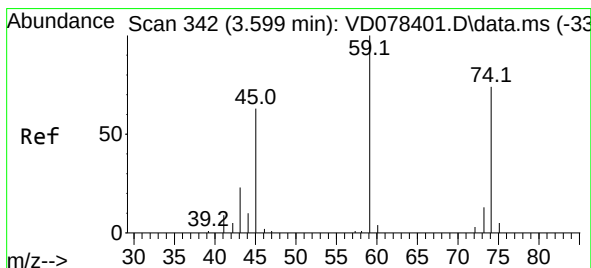
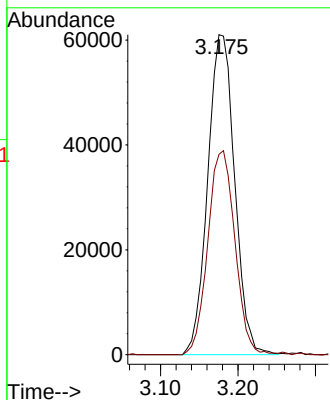
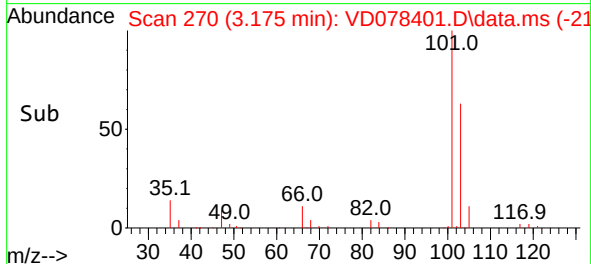
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 147454
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.3 78.5

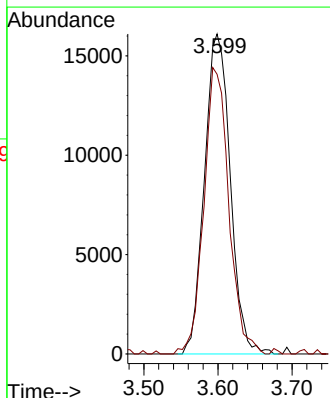
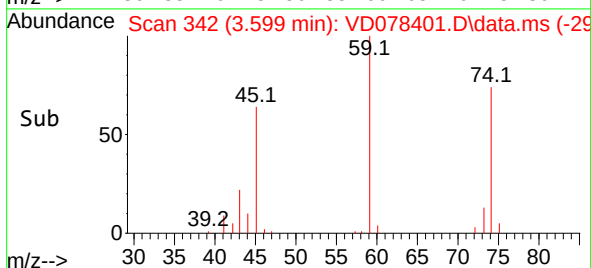
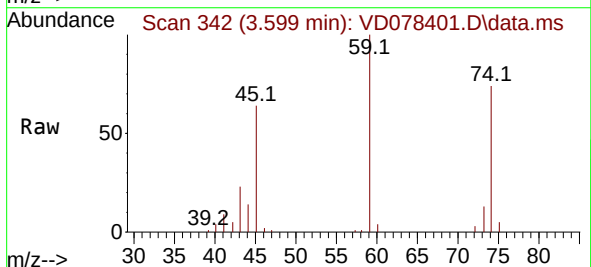
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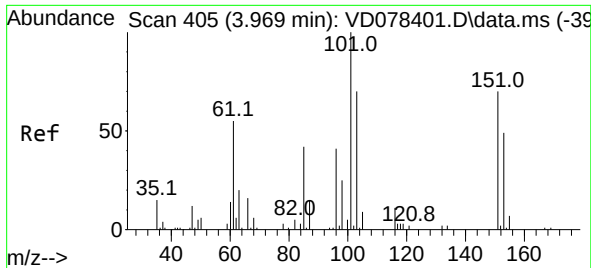
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#8
 Diethyl Ether
 Concen: 43.446 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Tgt Ion: 74 Resp: 38991
 Ion Ratio Lower Upper
 74 100
 45 86.5 37.5 112.7





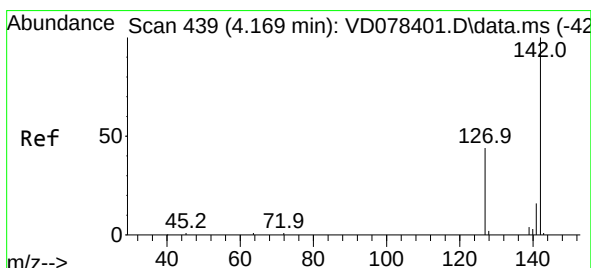
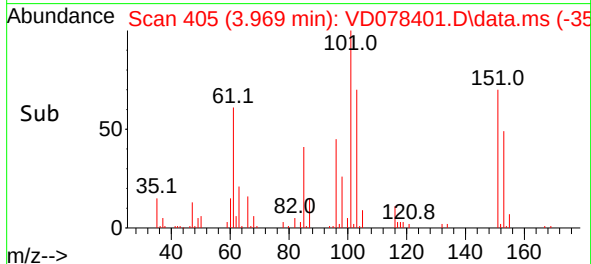
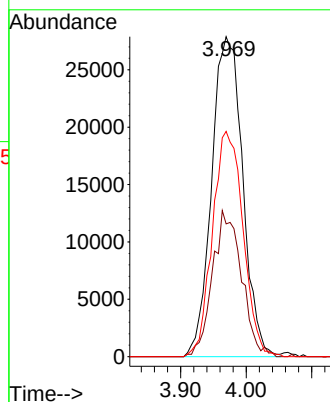
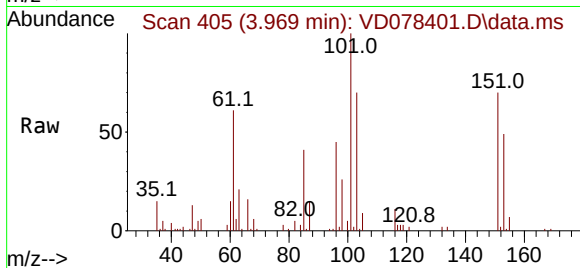
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.580 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 9155
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 69.5 59.8 89.6

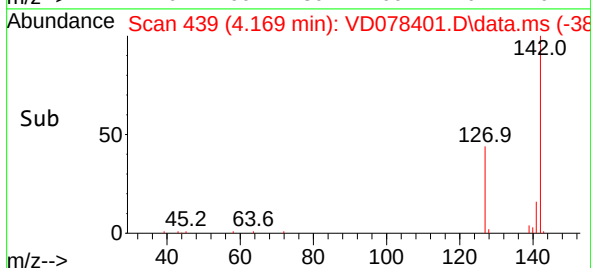
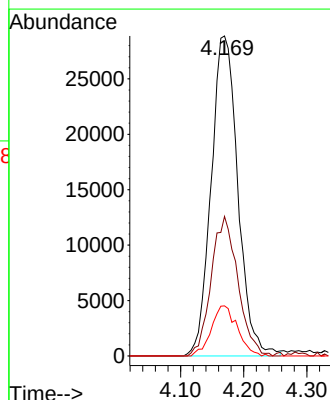
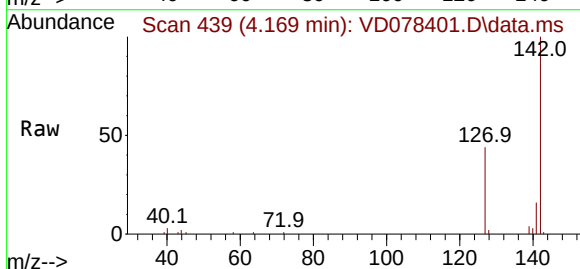
Manual Integrations
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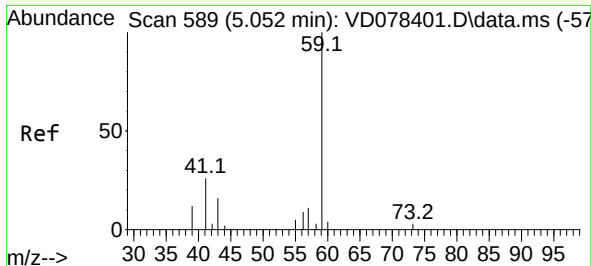
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#10
Methyl Iodide
Concen: 48.331 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

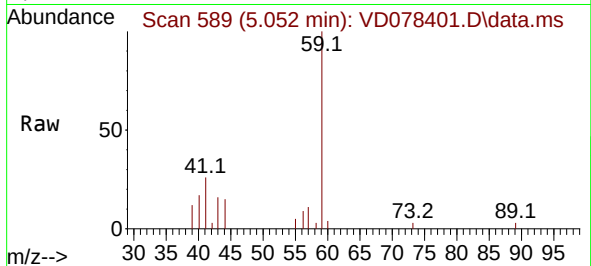
Tgt Ion:142 Resp: 85087
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 15.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 212.058 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

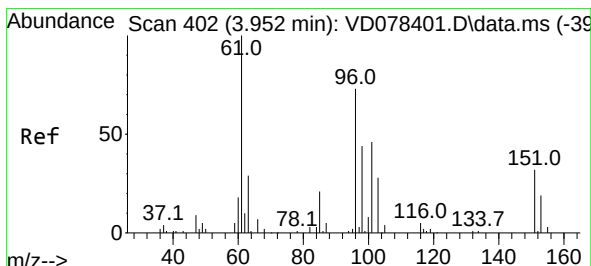
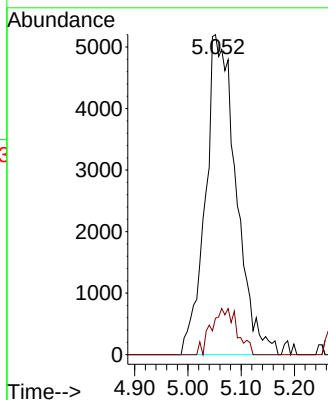
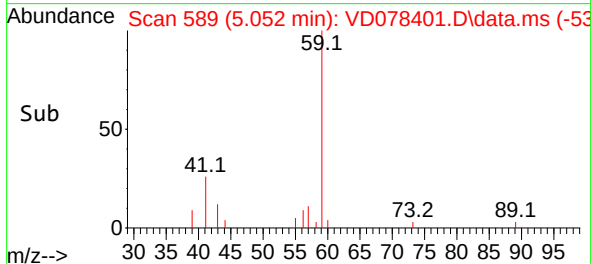
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



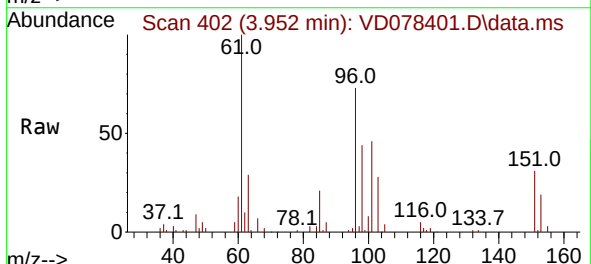
Tgt Ion: 59 Resp: 2085
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8

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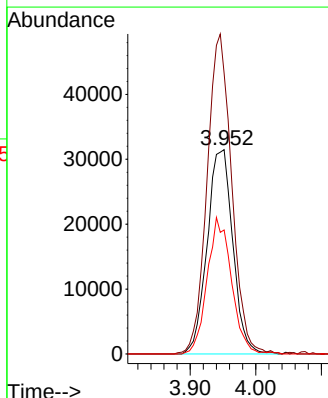
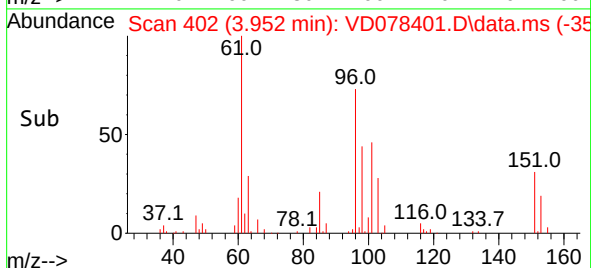
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

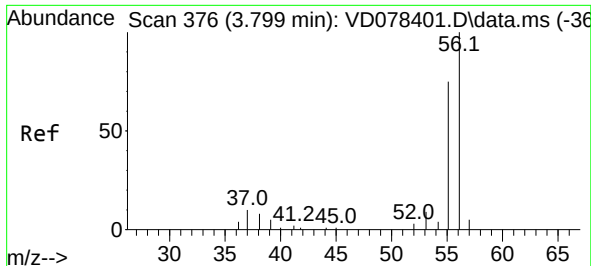


#12
1,1-Dichloroethene
Concen: 46.967 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



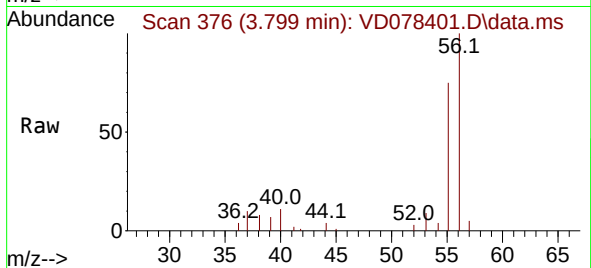
Tgt Ion: 96 Resp: 85590
Ion Ratio Lower Upper
96 100
61 136.8 100.6 150.8
98 60.7 50.2 75.2





#13
Acrolein
Concen: 192.070 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

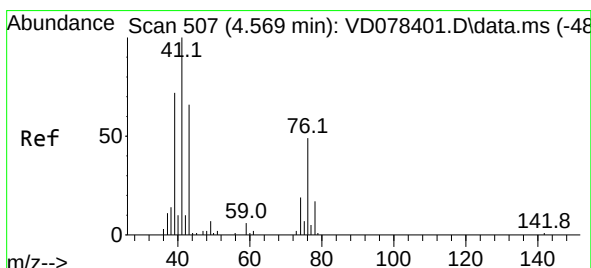
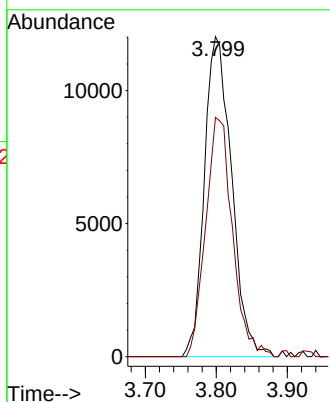
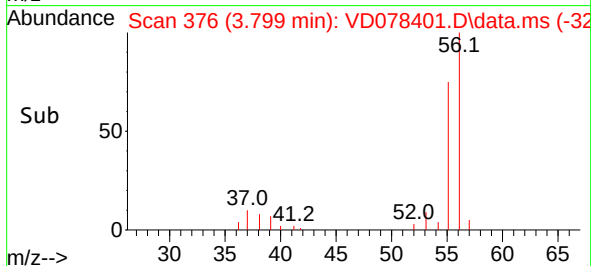
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 32072
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7

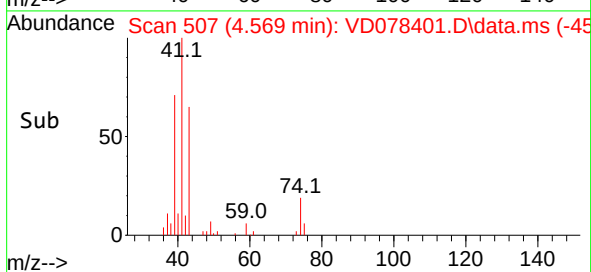
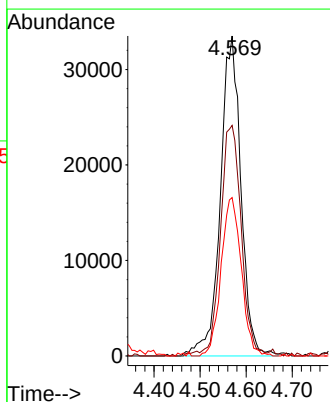
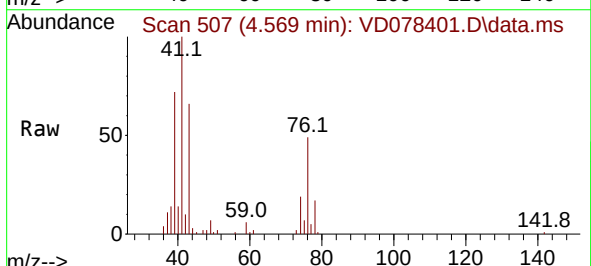
Manual Integrations
APPROVED

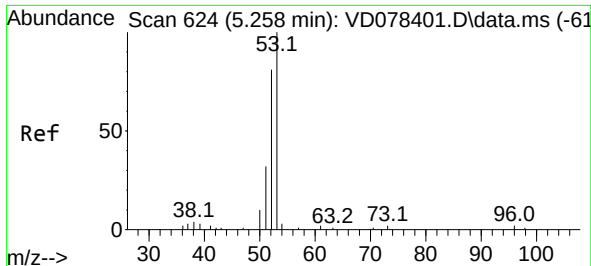
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#14
Allyl chloride
Concen: 46.080 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 41 Resp: 103738
Ion Ratio Lower Upper
41 100
39 72.8 53.8 80.6
76 48.7 45.8 68.8





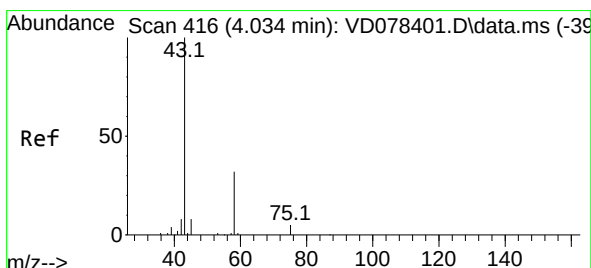
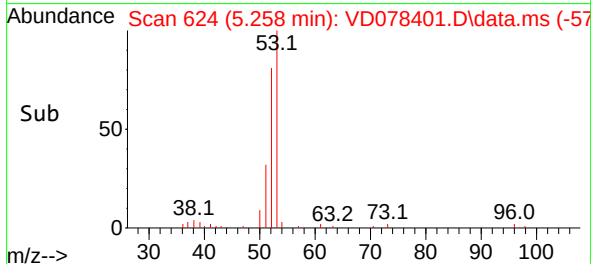
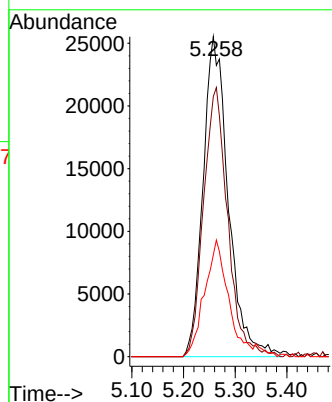
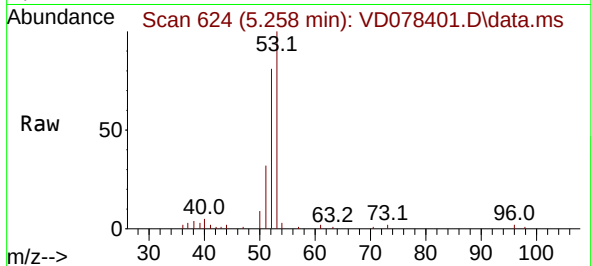
#15
Acrylonitrile
Concen: 225.418 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 8660
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 34.2 28.3 42.5

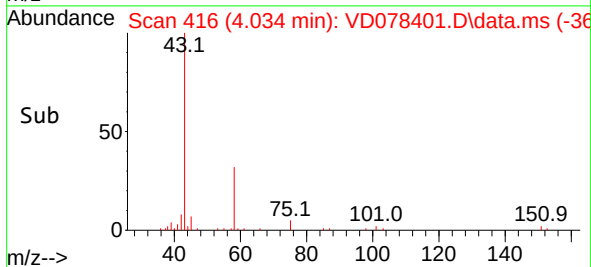
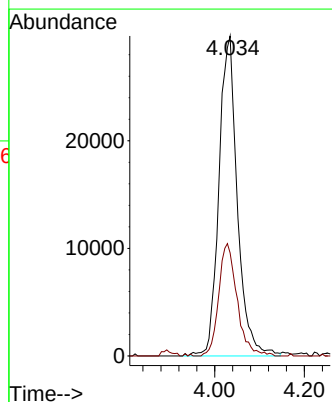
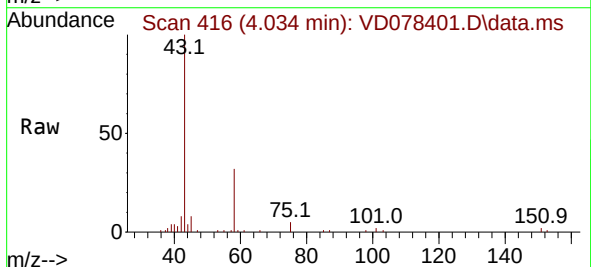
Manual Integrations
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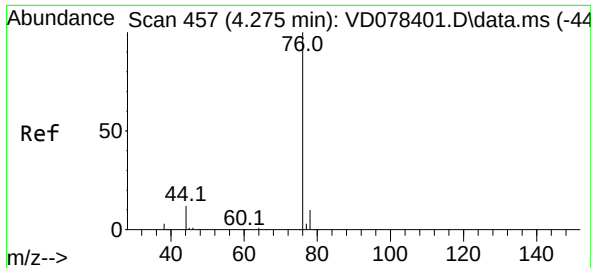
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#16
Acetone
Concen: 242.887 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 43 Resp: 84801
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#





#17

Carbon Disulfide

Concen: 45.670 ug/l

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 280050

Ion Ratio Lower Upper

76 100

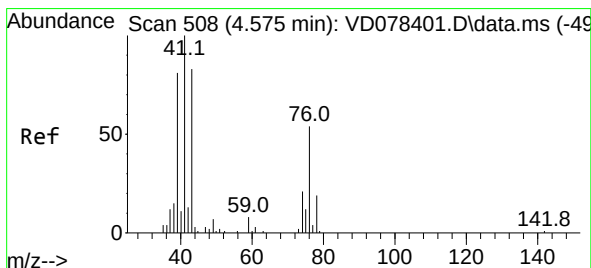
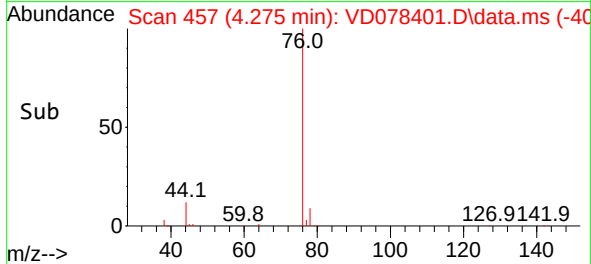
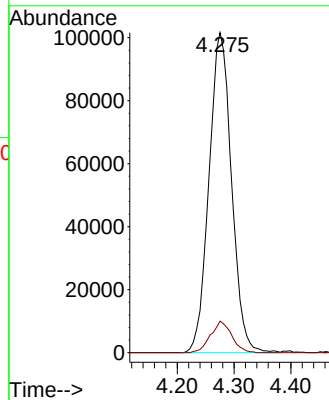
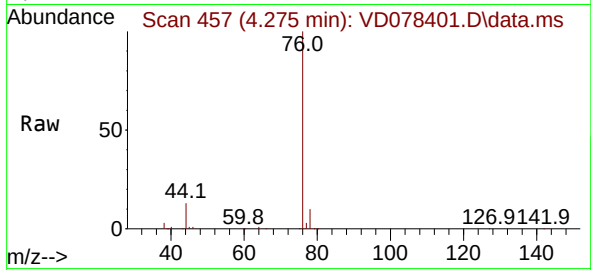
78 9.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#18

Methyl Acetate

Concen: 52.215 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.000 min

Lab File: VD078401.D

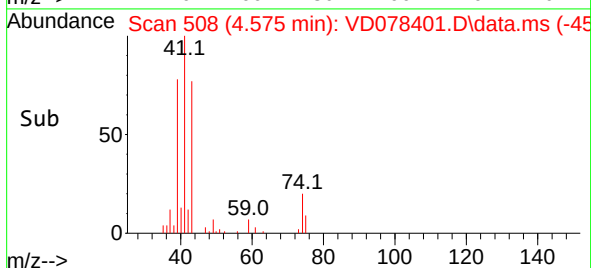
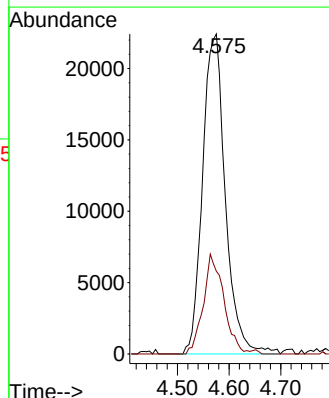
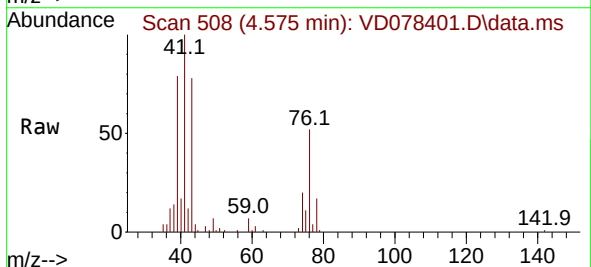
Acq: 13 Feb 2024 13:30

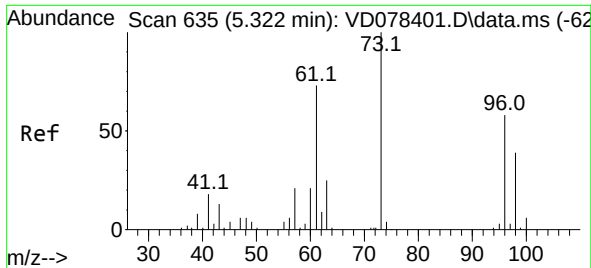
Tgt Ion: 43 Resp: 68622

Ion Ratio Lower Upper

43 100

74 28.1 26.4 39.6





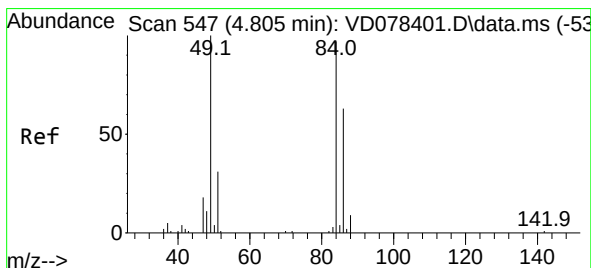
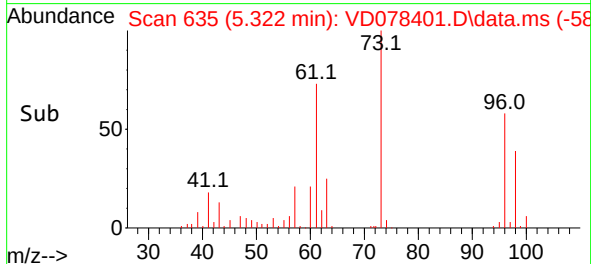
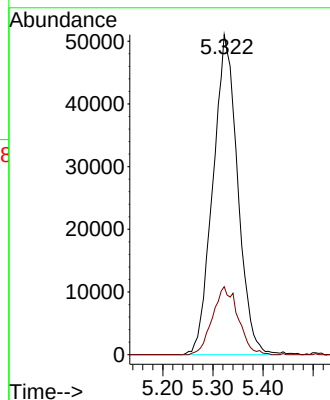
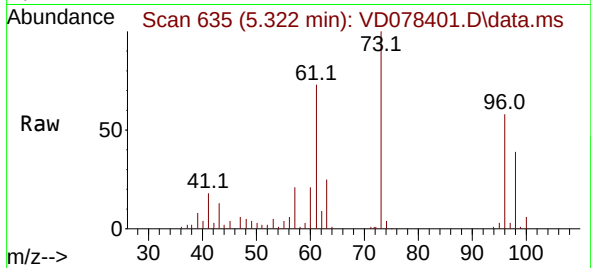
#19
Methyl tert-butyl Ether
Concen: 45.200 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 17500
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

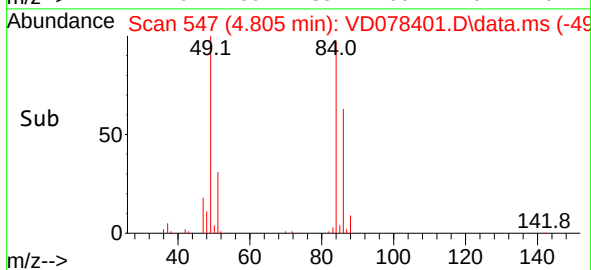
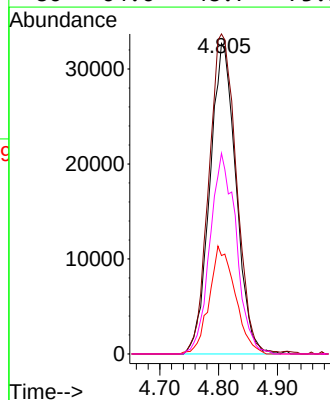
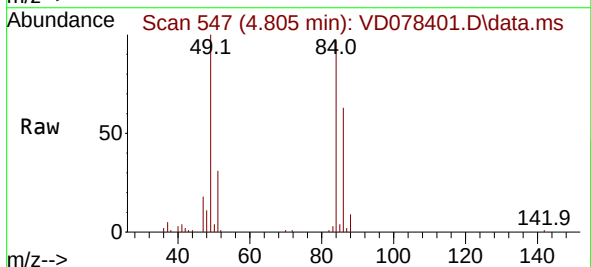
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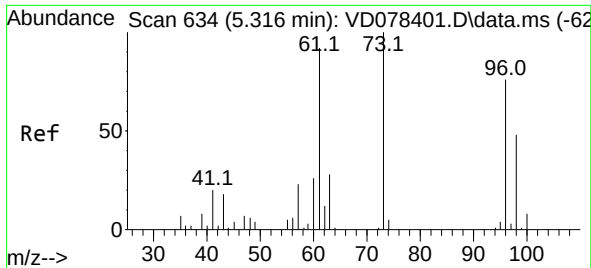
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#20
Methylene Chloride
Concen: 49.192 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

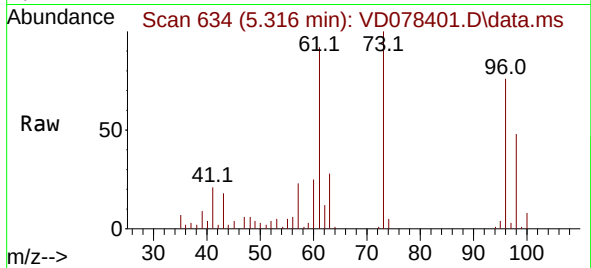
Tgt Ion: 84 Resp: 100824
Ion Ratio Lower Upper
84 100
49 103.1 71.4 107.2
51 31.7 24.5 36.7
86 64.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 46.490 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

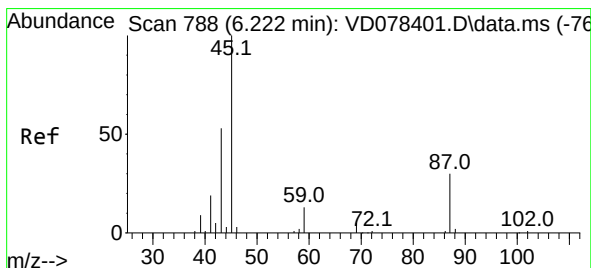
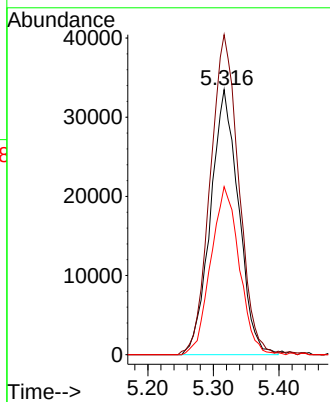
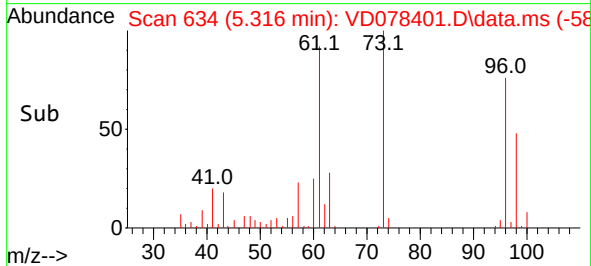
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



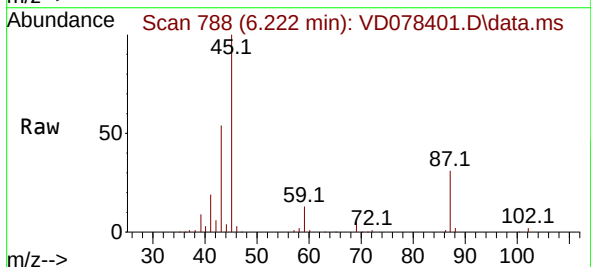
Tgt Ion: 96 Resp: 99660
Ion Ratio Lower Upper
96 100
61 120.7 89.3 133.9
98 63.3 48.6 73.0

Manual Integrations
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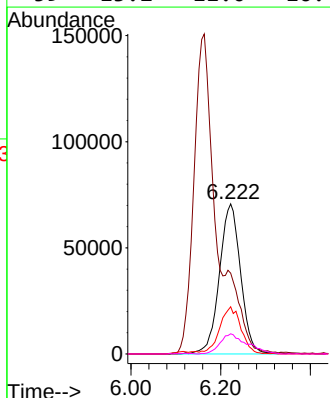
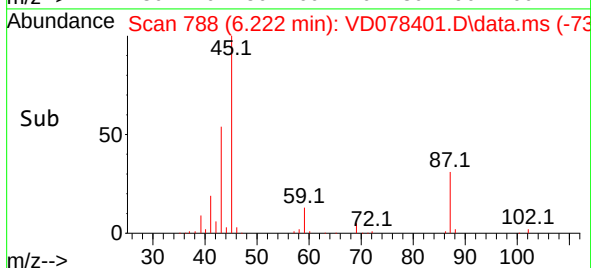
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

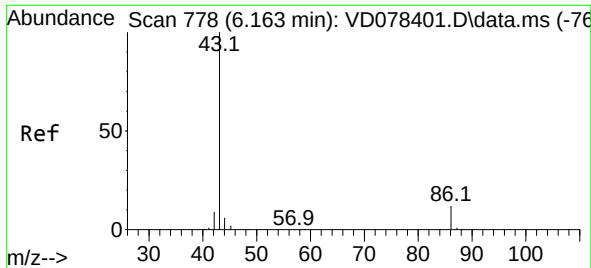


#22
Diisopropyl ether
Concen: 46.862 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion: 45 Resp: 232525
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.5 28.2 42.4
59 13.2 11.0 16.4





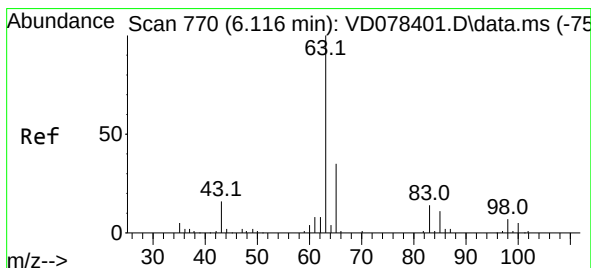
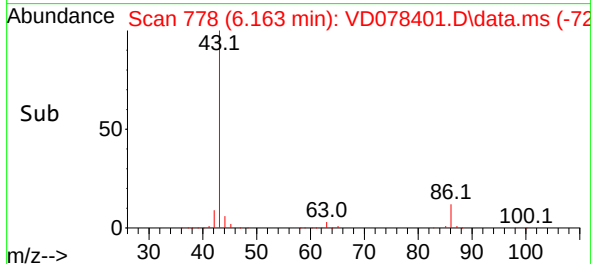
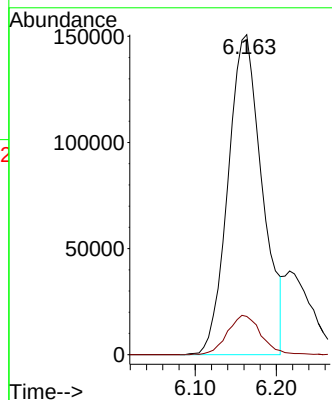
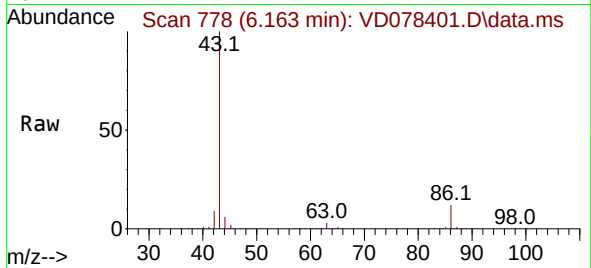
#23
 Vinyl Acetate
 Concen: 204.566 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 441830
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7

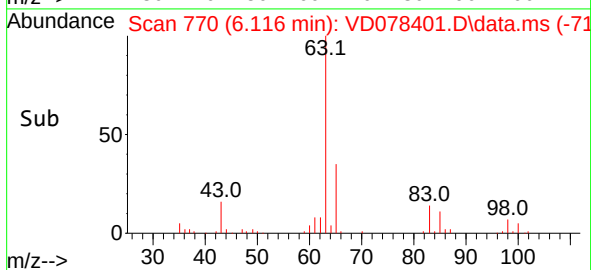
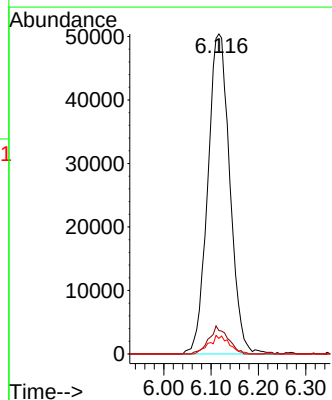
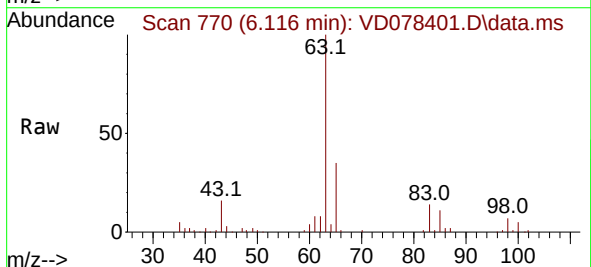
Manual Integrations
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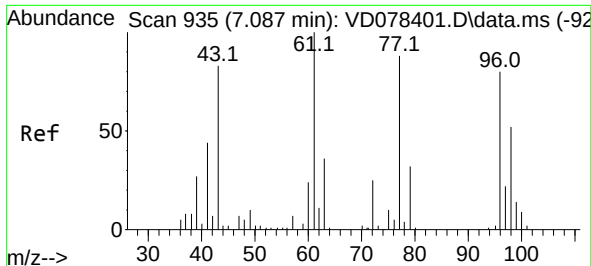
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#24
 1,1-Dichloroethane
 Concen: 46.390 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Tgt Ion: 63 Resp: 163064
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 232.851 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 107060

Ion Ratio Lower Upper

43 100

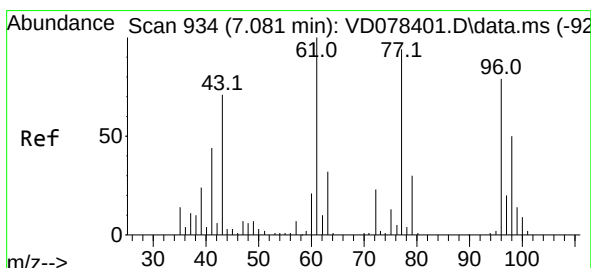
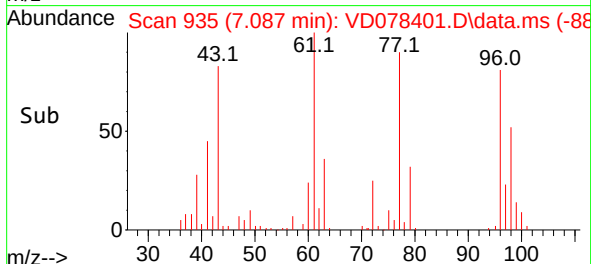
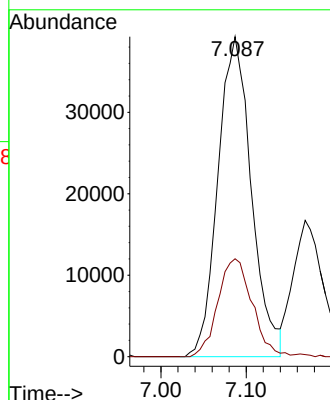
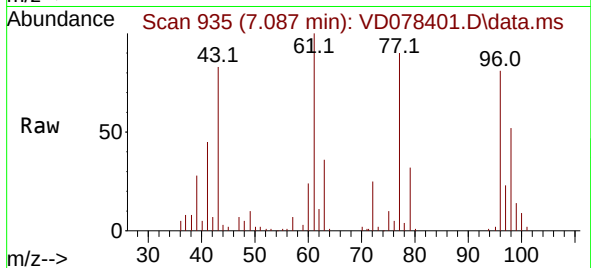
72 30.6 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#26

2,2-Dichloropropane

Concen: 47.627 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078401.D

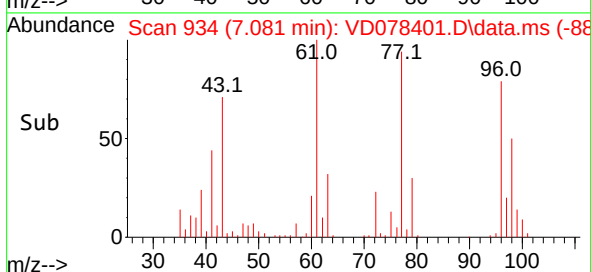
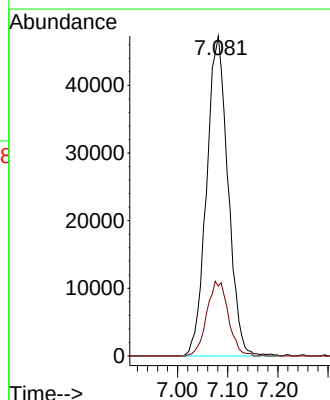
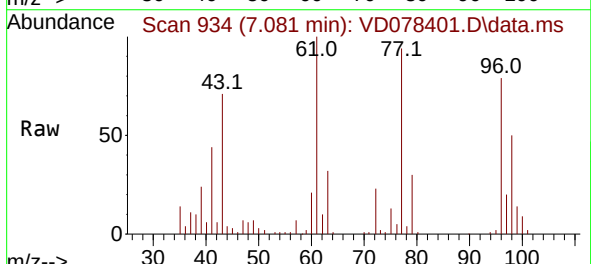
Acq: 13 Feb 2024 13:30

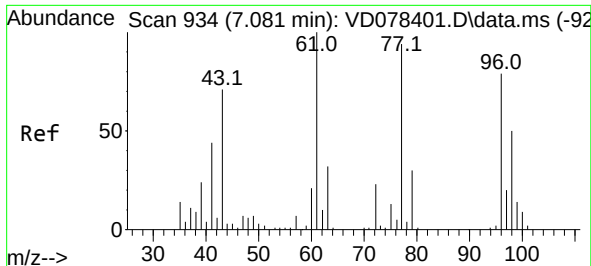
Tgt Ion: 77 Resp: 140342

Ion Ratio Lower Upper

77 100

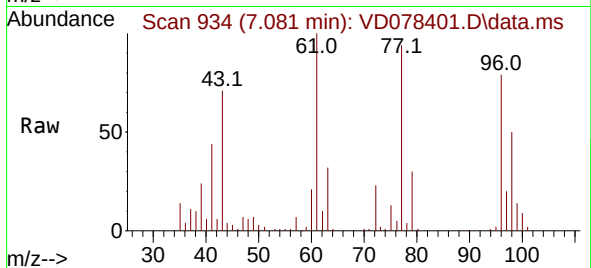
97 23.4 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 46.130 ug/l
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

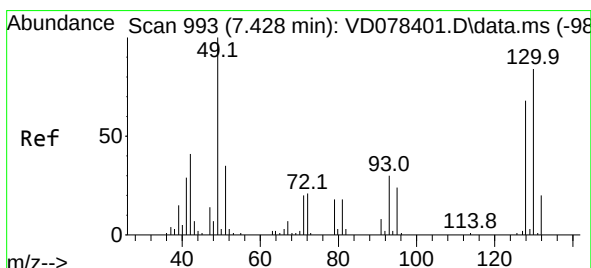
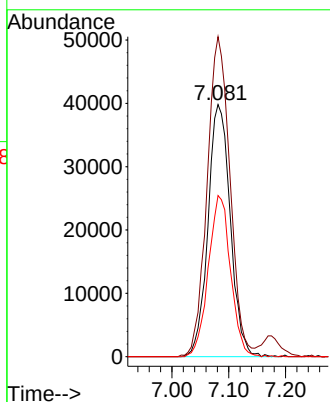
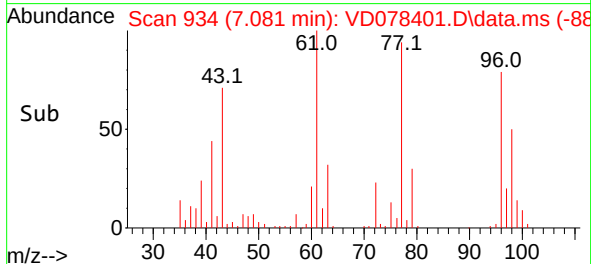
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 10850
Ion Ratio Lower Upper
96 100
61 130.5 0.0 239.2
98 63.5 0.0 128.6

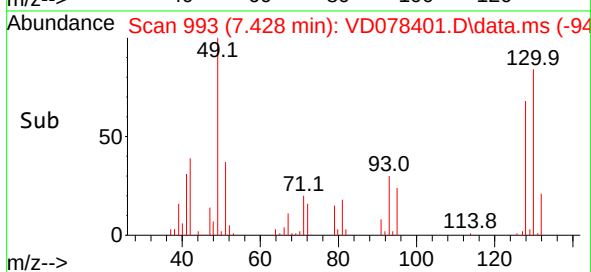
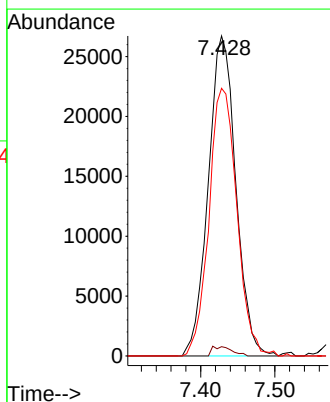
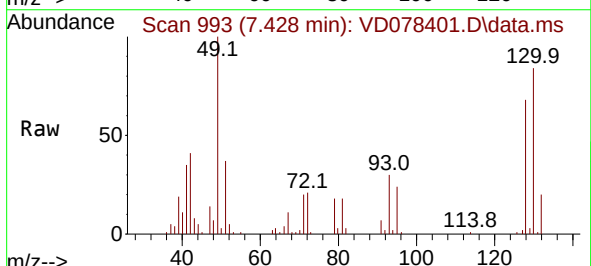
Manual Integrations
APPROVED

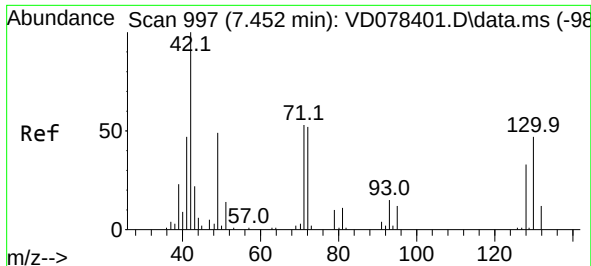
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#28
Bromochloromethane
Concen: 49.658 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 49 Resp: 69136
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 84.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 224.191 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 6026

Ion Ratio Lower Upper

42 100

72 52.1 46.5 69.7

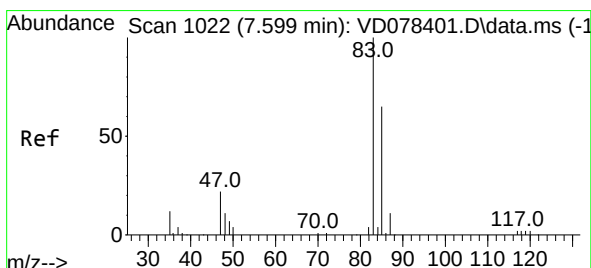
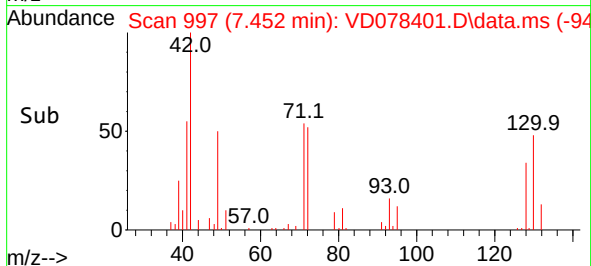
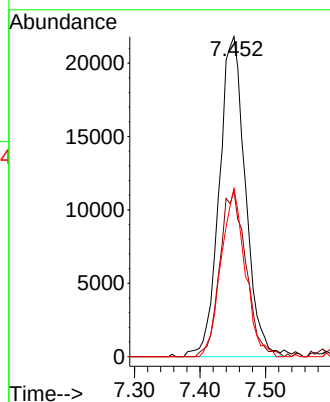
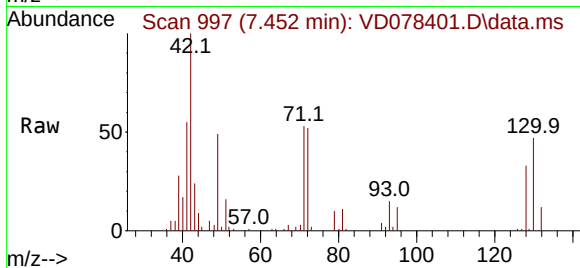
71 48.6 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#30

Chloroform

Concen: 46.320 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078401.D

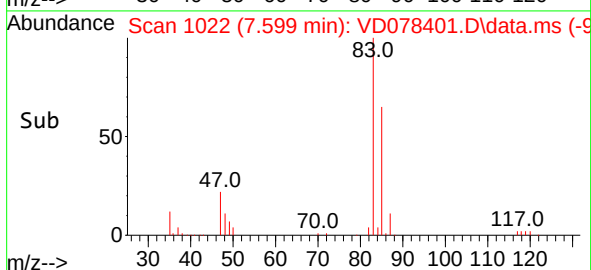
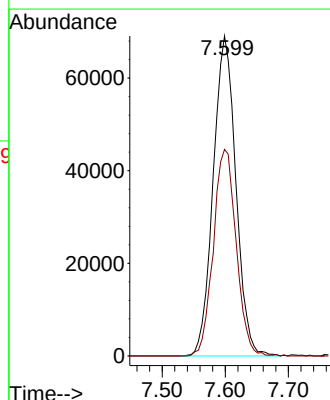
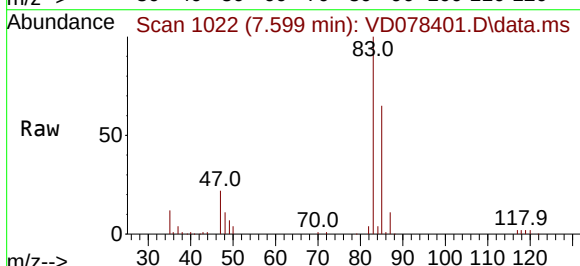
Acq: 13 Feb 2024 13:30

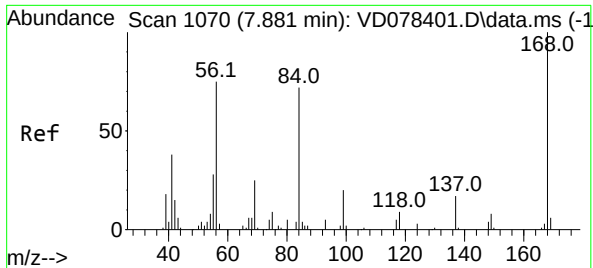
Tgt Ion: 83 Resp: 172267

Ion Ratio Lower Upper

83 100

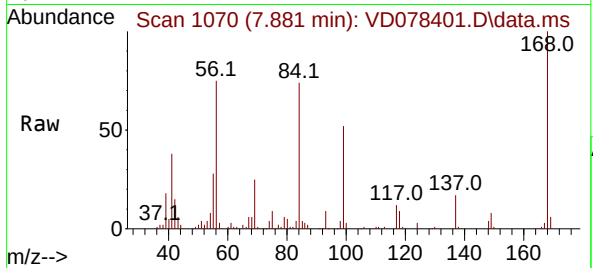
85 64.6 53.4 80.2





#31
Cyclohexane
Concen: 46.671 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

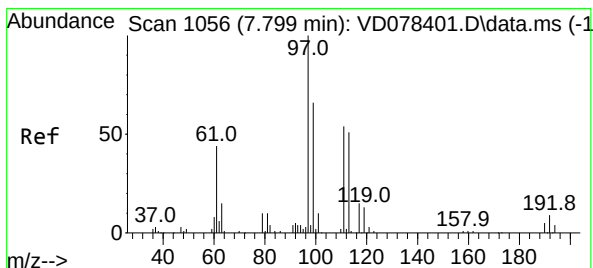
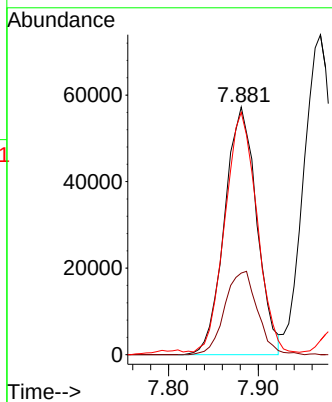
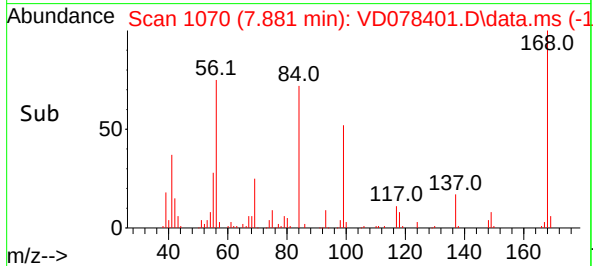
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



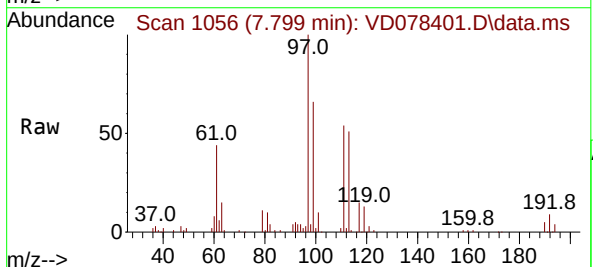
Tgt Ion: 56 Resp: 142699
Ion Ratio Lower Upper
56 100
69 33.0 28.6 43.0
84 95.9 84.8 127.2

Manual Integrations
APPROVED

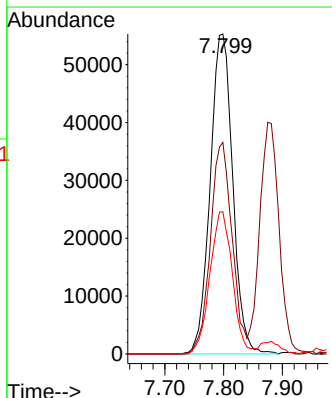
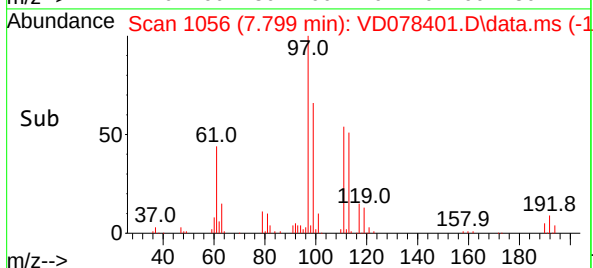
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

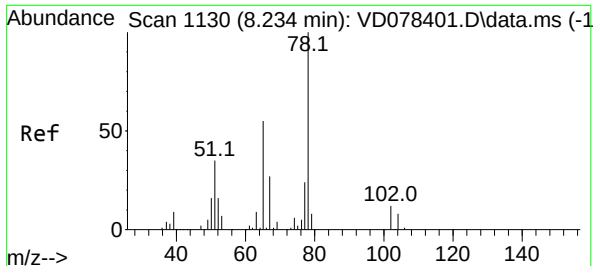


#32
1,1,1-Trichloroethane
Concen: 46.474 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion: 97 Resp: 147364
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.779 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 80938

Ion Ratio Lower Upper

65 100

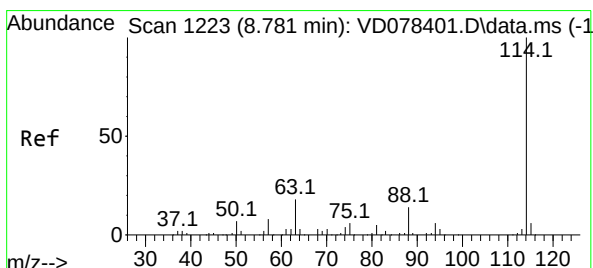
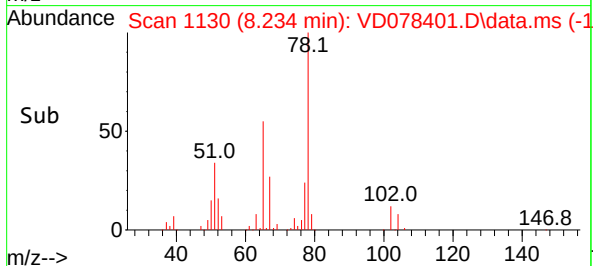
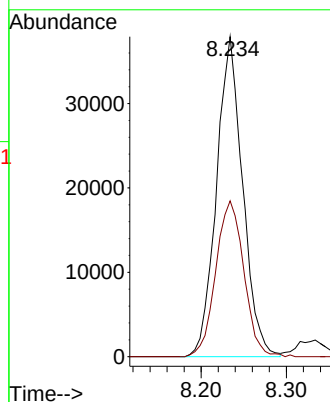
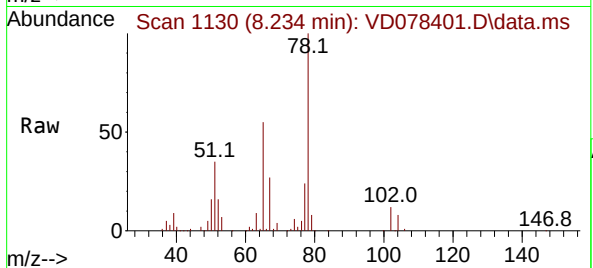
67 52.3 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

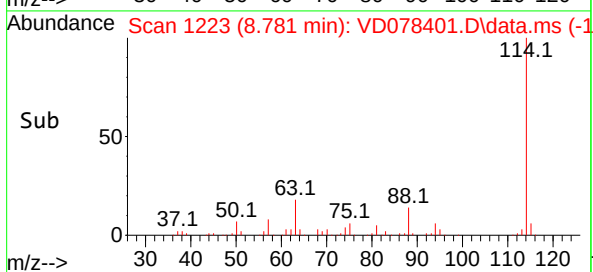
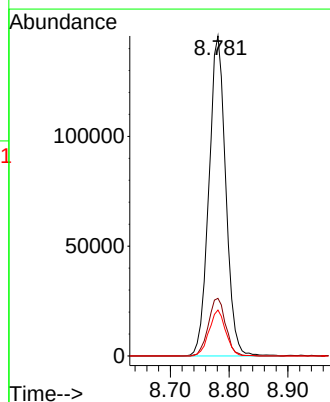
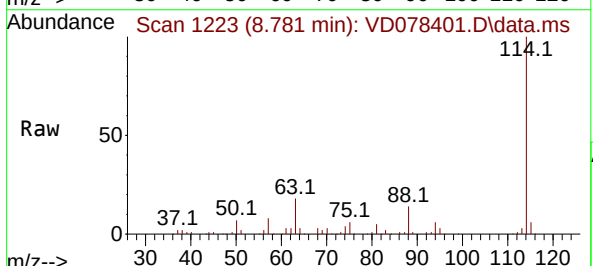
Tgt Ion:114 Resp: 290231

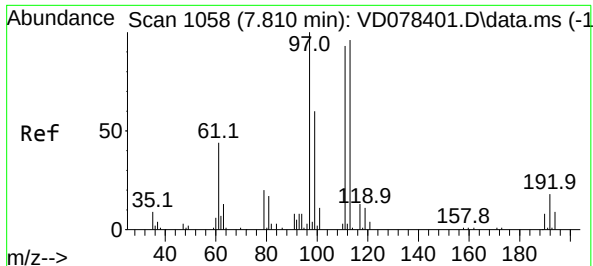
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.797 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 8443

Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

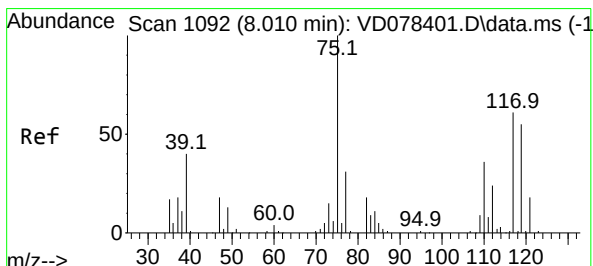
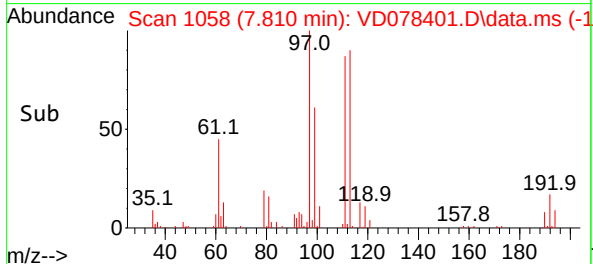
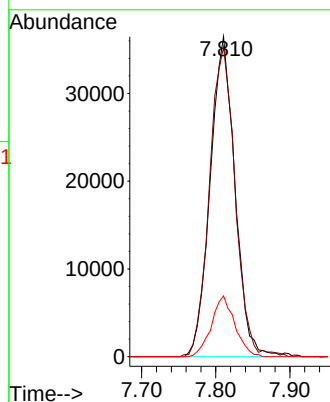
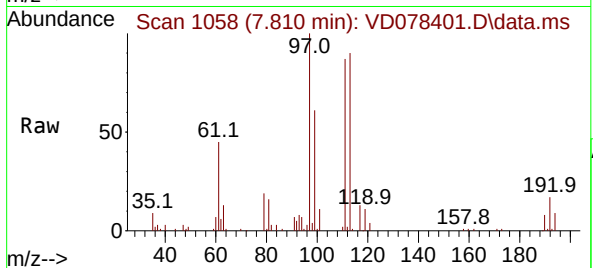
192 18.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#36

1,1-Dichloropropene

Concen: 46.737 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

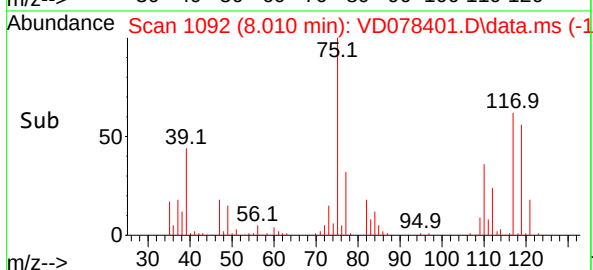
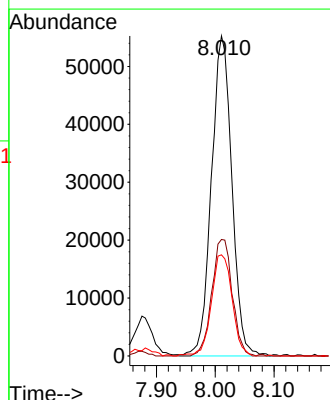
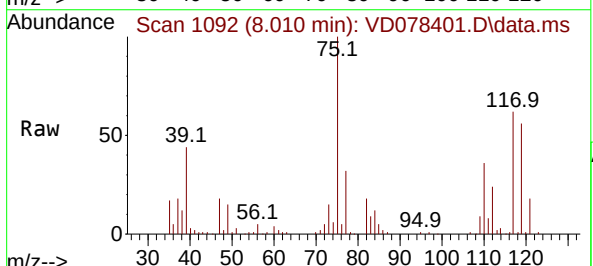
Tgt Ion: 75 Resp: 133855

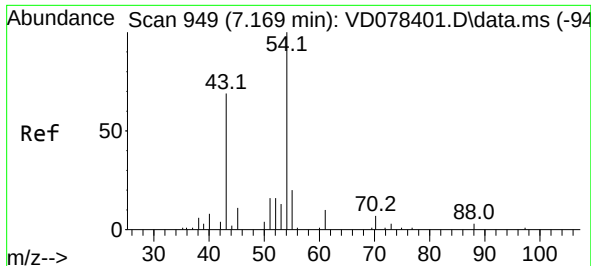
Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 41.918 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

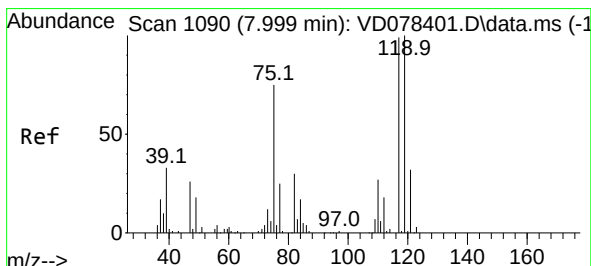
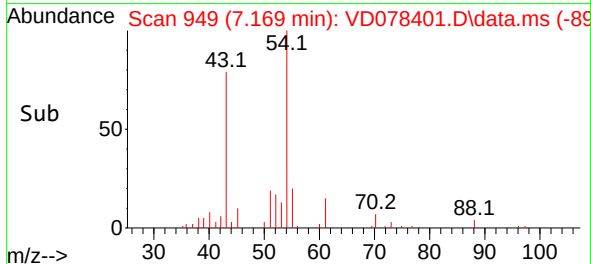
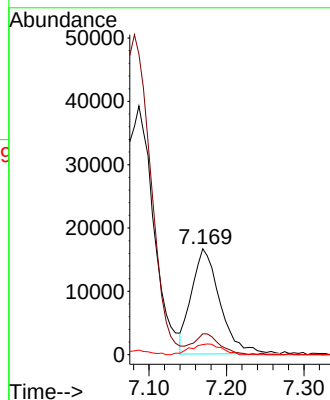
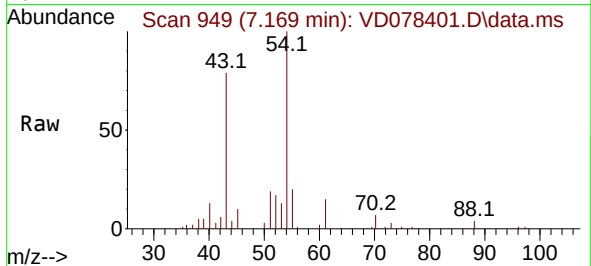
Tgt Ion: 43 Resp: 42084

Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.9	22.3
70	11.1	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#38

Carbon Tetrachloride

Concen: 47.291 ug/l

RT: 7.999 min Scan# 1090

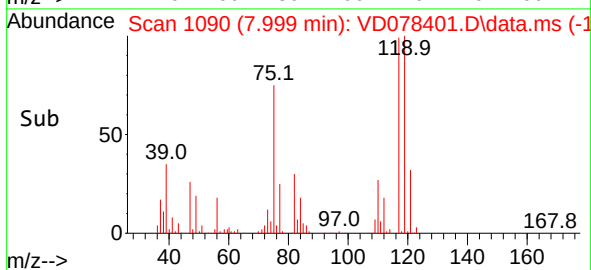
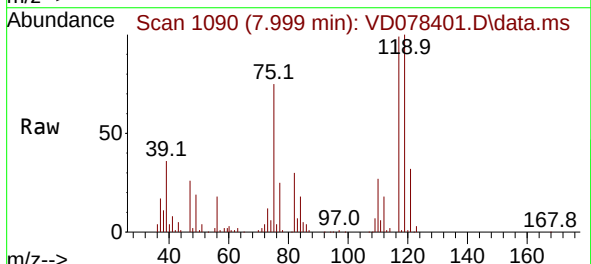
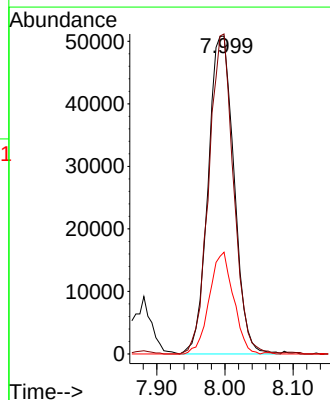
Delta R.T. 0.000 min

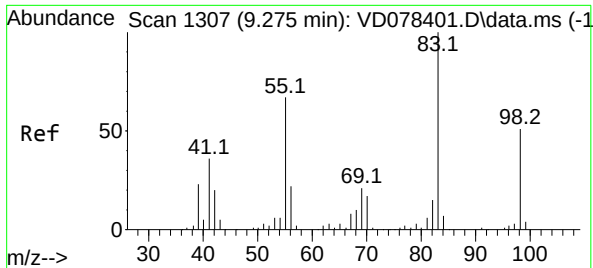
Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:117 Resp: 134130

Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	32.0	24.2	36.2





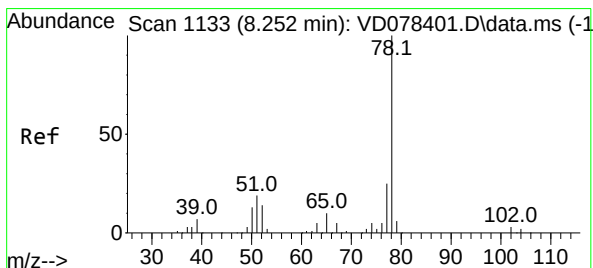
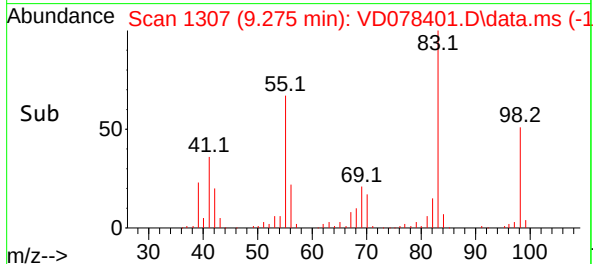
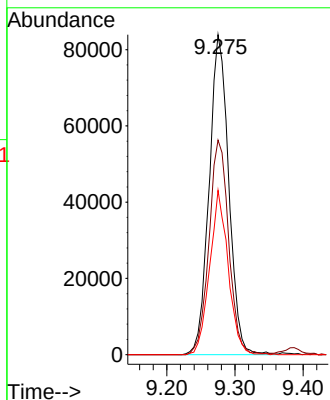
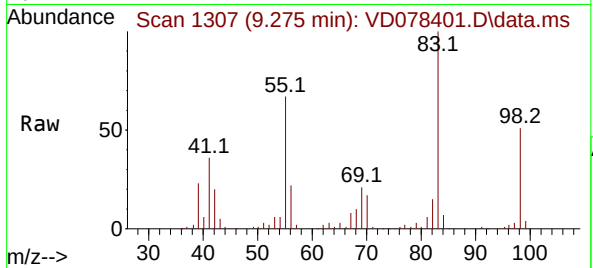
#39
Methylcyclohexane
Concen: 49.326 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 16771
Ion Ratio Lower Upper
83 100
55 67.1 49.4 74.0
98 51.3 38.4 57.6

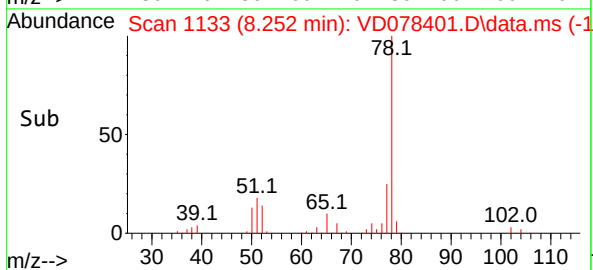
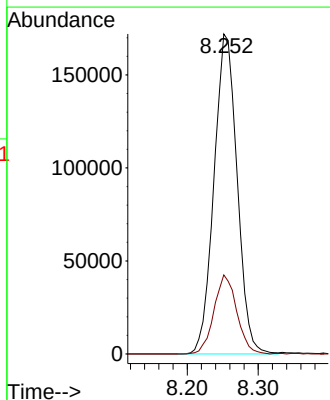
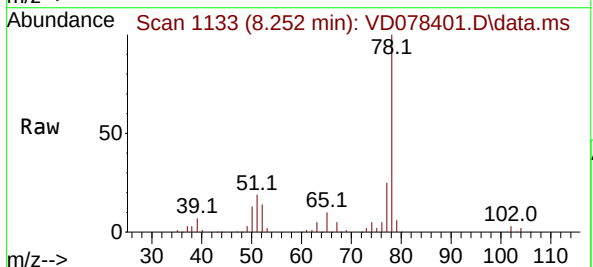
Manual Integrations
APPROVED

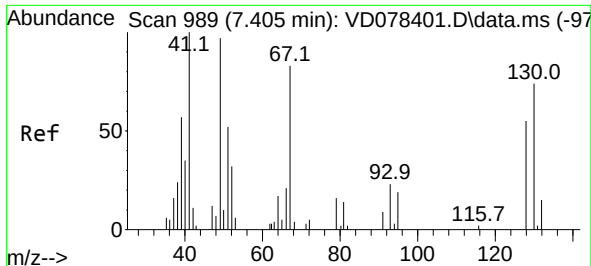
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#40
Benzene
Concen: 46.931 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

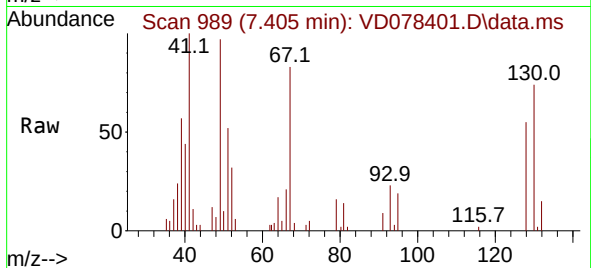
Tgt Ion: 78 Resp: 388506
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0





#41
Methacrylonitrile
Concen: 46.490 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

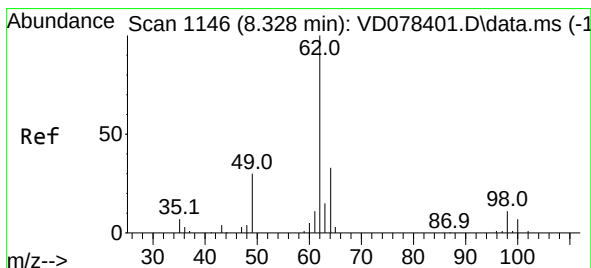
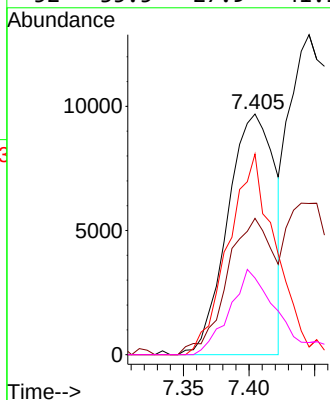
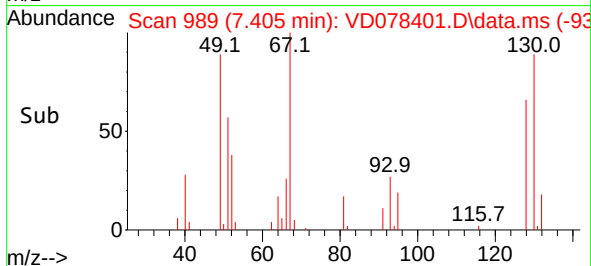
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 2429
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0
67 84.5 77.0 115.4
52 35.5 27.9 41.9

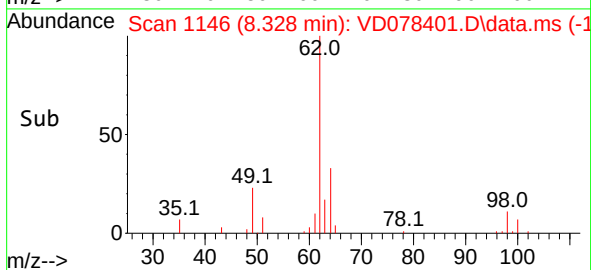
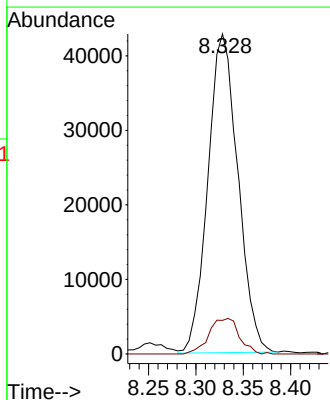
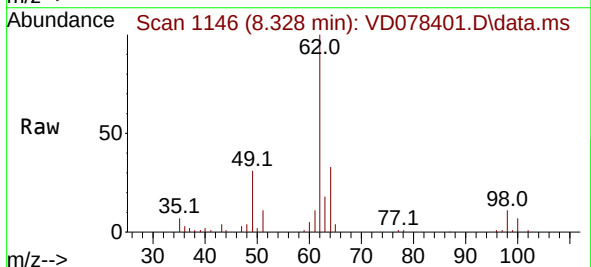
Manual Integrations
APPROVED

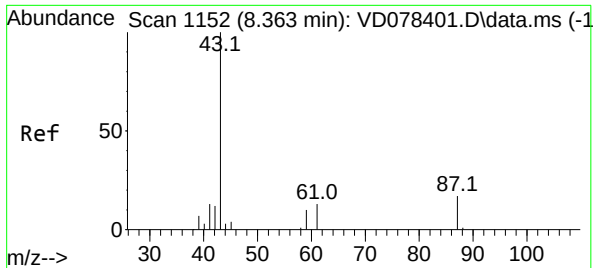
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#42
1,2-Dichloroethane
Concen: 44.113 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 62 Resp: 94489
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4





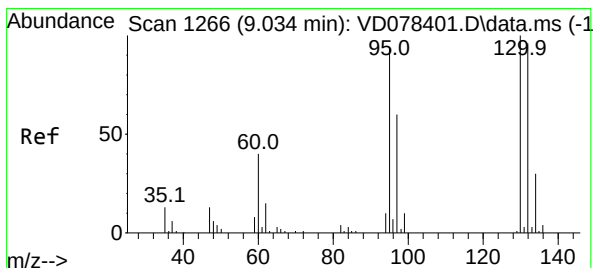
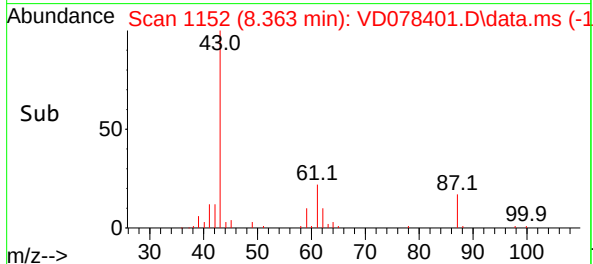
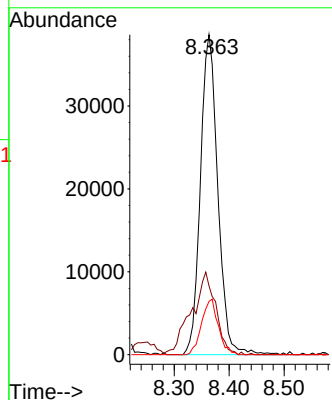
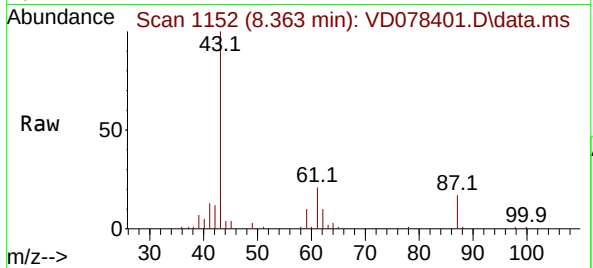
#43
Isopropyl Acetate
Concen: 45.674 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 84912
Ion Ratio Lower Upper
43 100
61 36.0 31.4 47.0
87 16.7 14.9 22.3

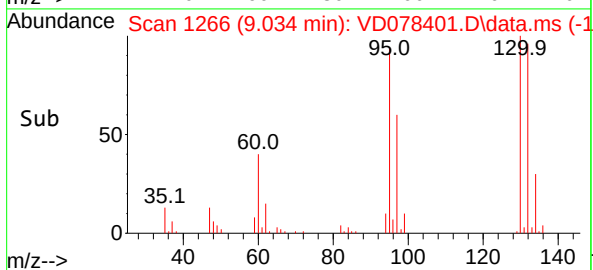
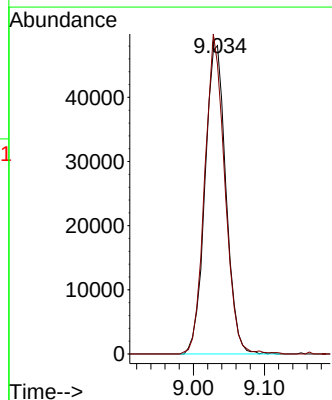
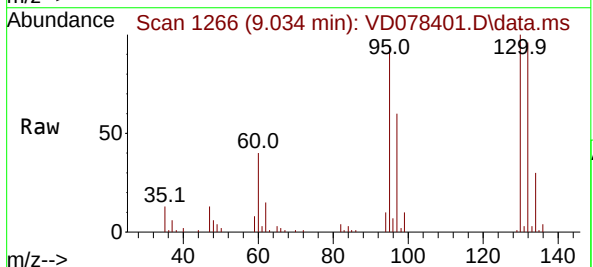
Manual Integrations
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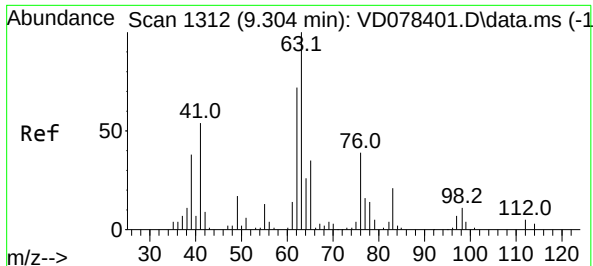
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#44
Trichloroethene
Concen: 46.715 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:130 Resp: 98659
Ion Ratio Lower Upper
130 100
95 93.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.452 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 9231

Ion Ratio Lower Upper

63 100

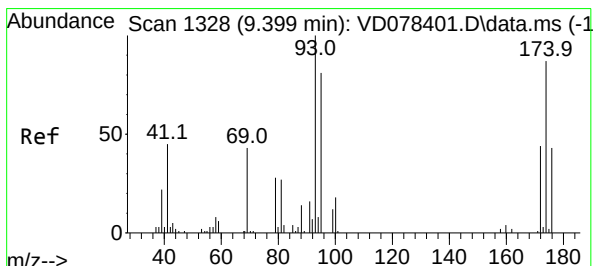
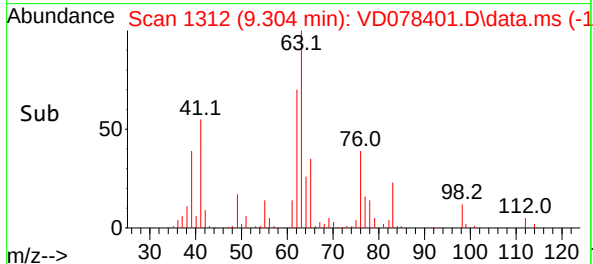
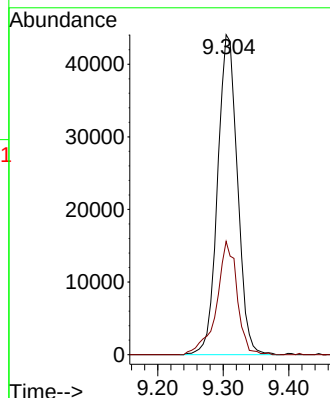
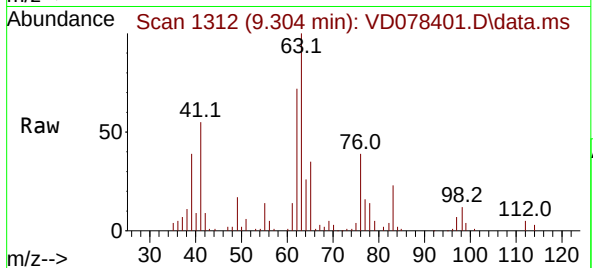
65 35.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#46

Dibromomethane

Concen: 45.051 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

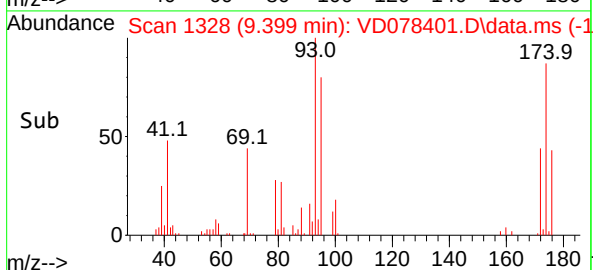
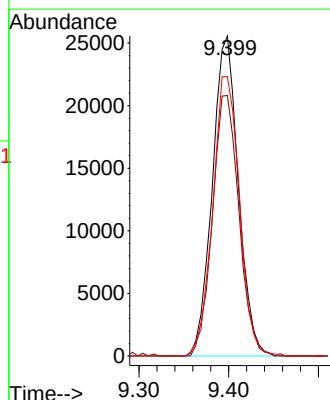
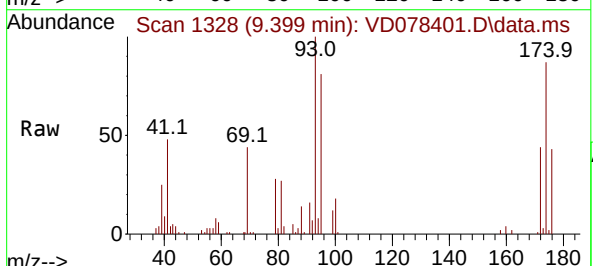
Tgt Ion: 93 Resp: 51468

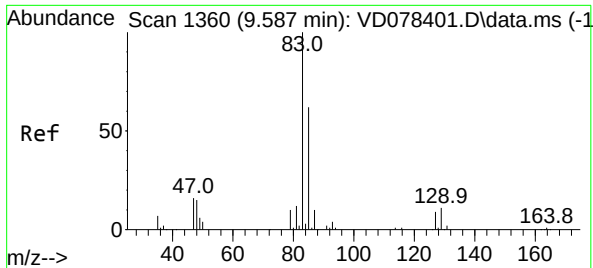
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

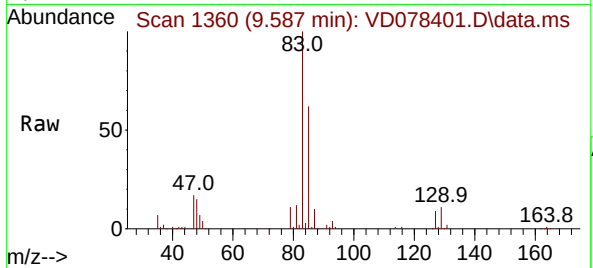
174 89.4 85.4 128.2





#47
Bromodichloromethane
Concen: 46.577 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

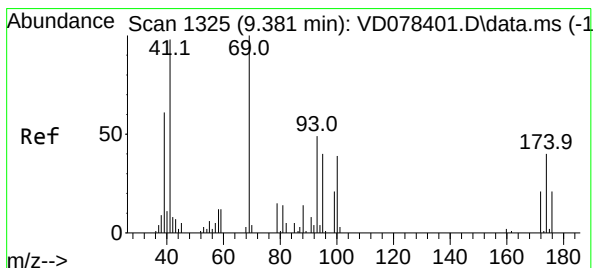
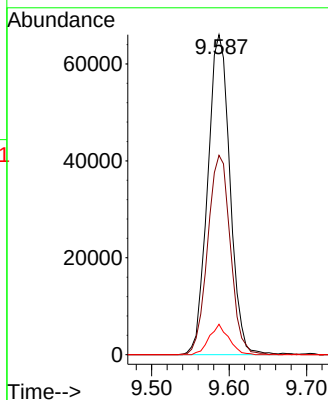
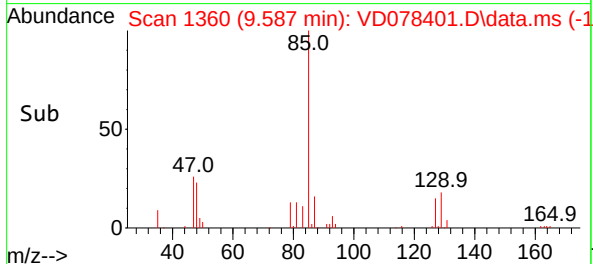
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 131790
Ion Ratio Lower Upper
83 100
85 62.3 50.2 75.4
127 9.5 6.3 9.5

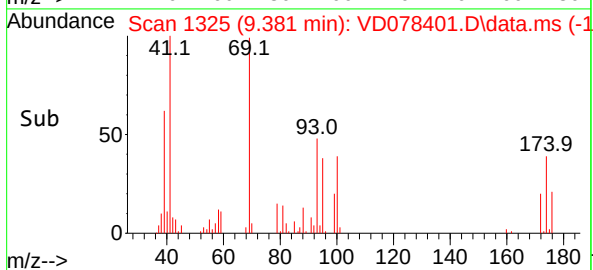
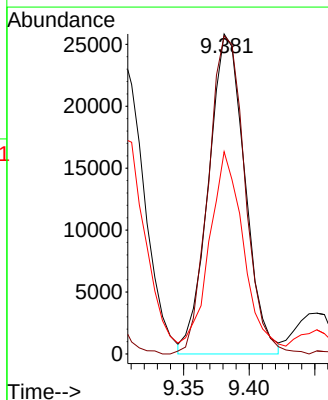
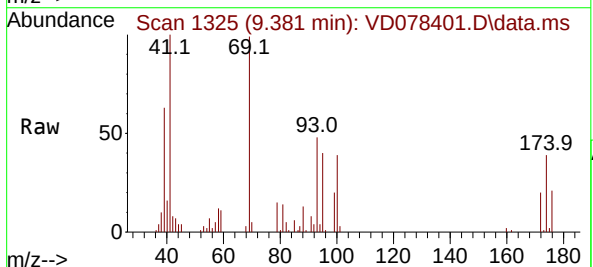
Manual Integrations
APPROVED

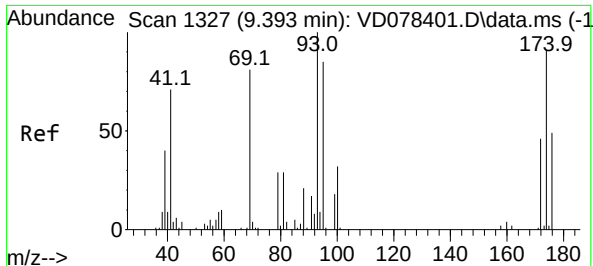
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#48
Methyl methacrylate
Concen: 50.465 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 41 Resp: 49774
Ion Ratio Lower Upper
41 100
69 99.8 102.2 153.2#
39 60.7 41.4 62.2





#49

1,4-Dioxane

Concen: 874.552 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 10820

Ion Ratio Lower Upper

88 100

43 35.6 19.0 28.6

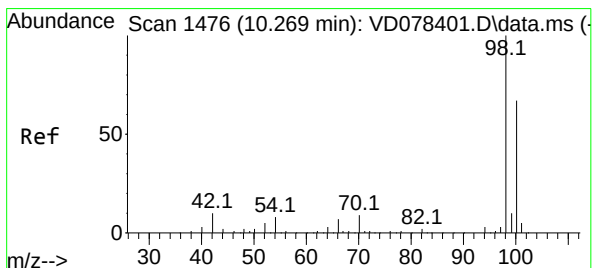
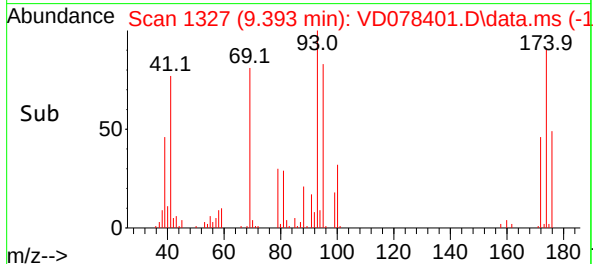
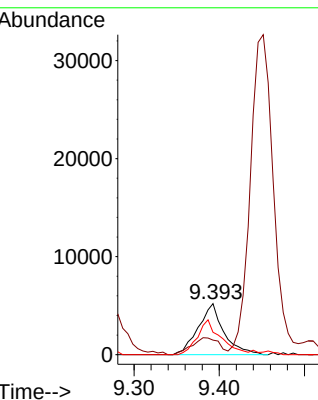
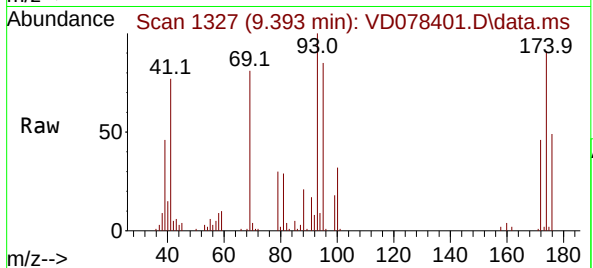
58 62.9 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#50

Toluene-d8

Concen: 45.633 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078401.D

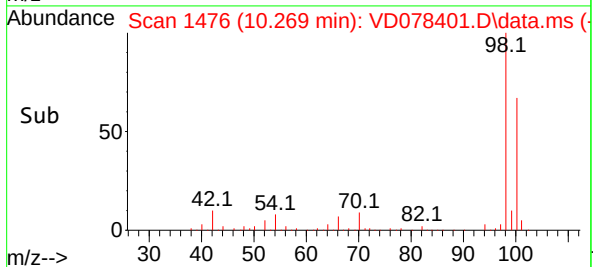
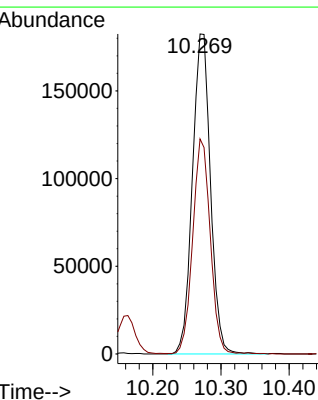
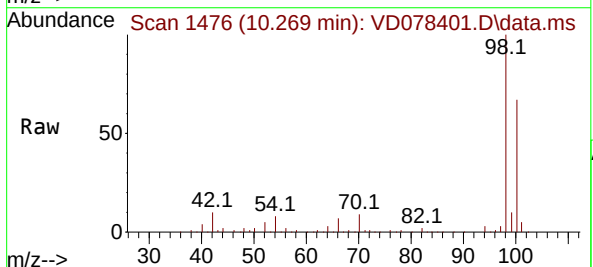
Acq: 13 Feb 2024 13:30

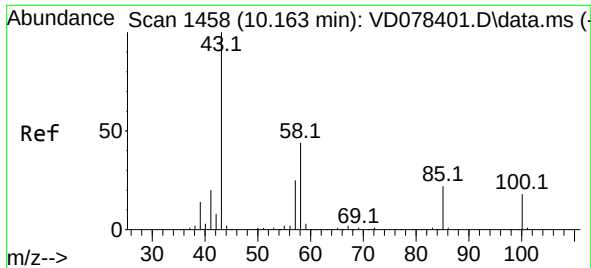
Tgt Ion: 98 Resp: 336540

Ion Ratio Lower Upper

98 100

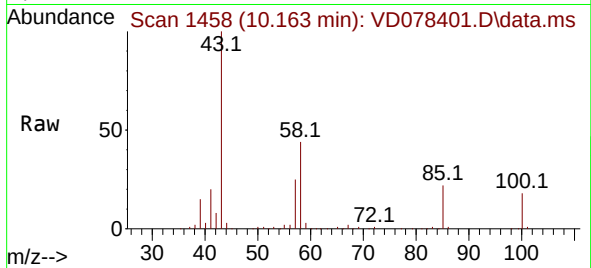
100 65.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 224.645 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

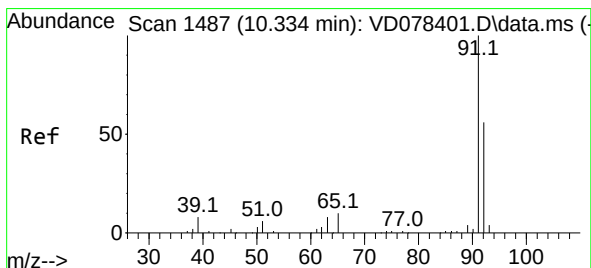
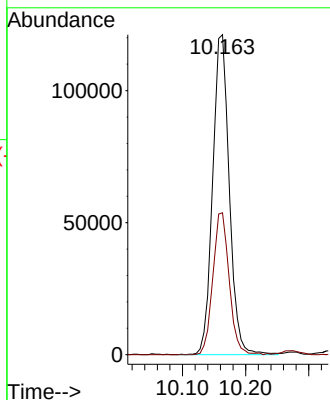
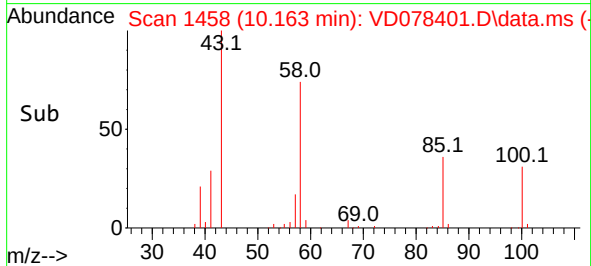
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 221659
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

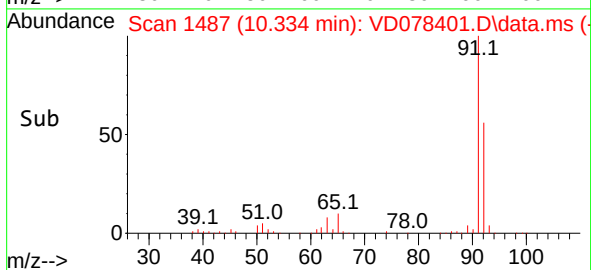
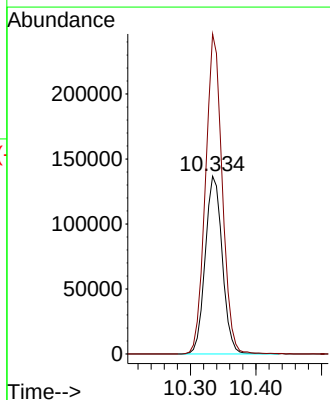
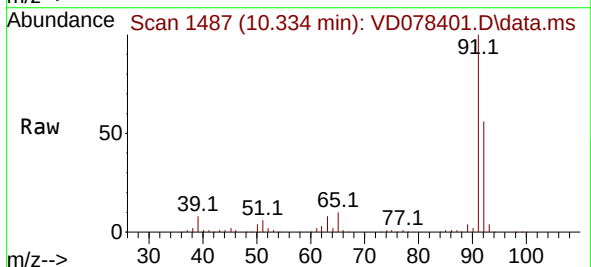
Manual Integrations
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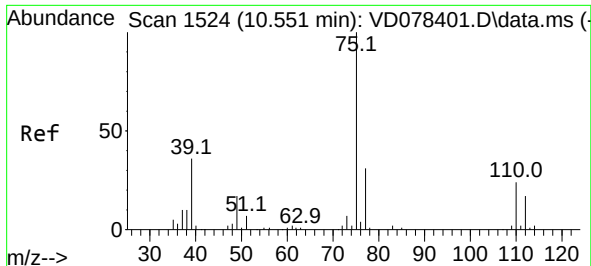
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#52
Toluene
Concen: 47.271 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

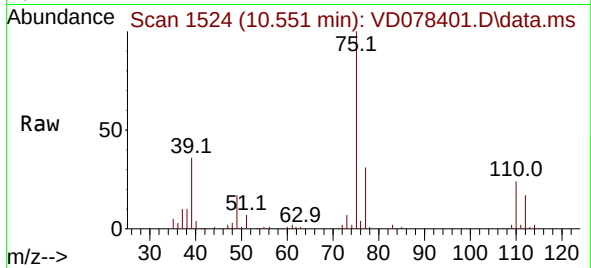
Tgt Ion: 92 Resp: 247462
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 46.700 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

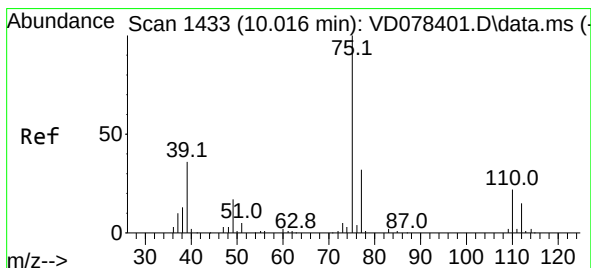
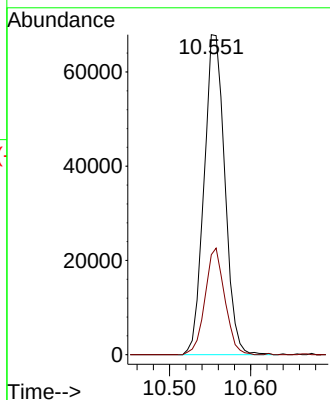
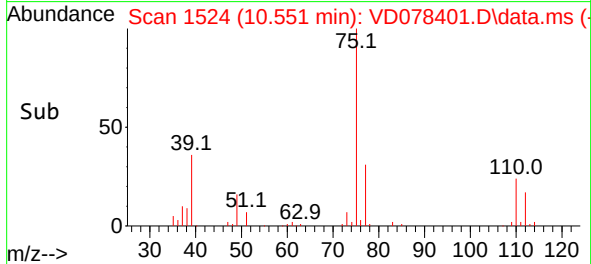
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



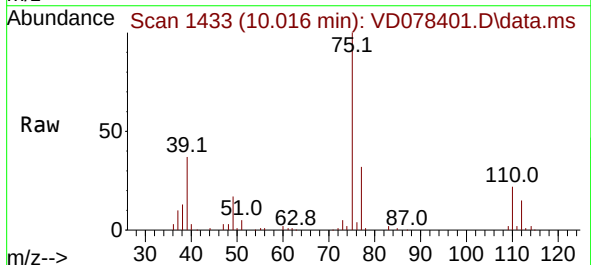
Tgt Ion: 75 Resp: 120572
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

Manual Integrations
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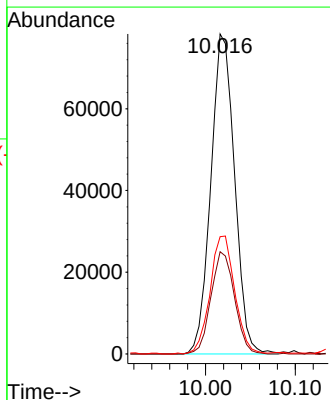
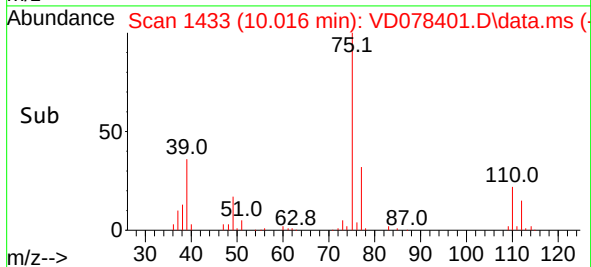
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

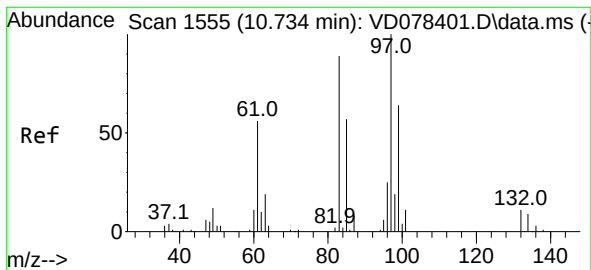


#54
cis-1,3-Dichloropropene
Concen: 46.026 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



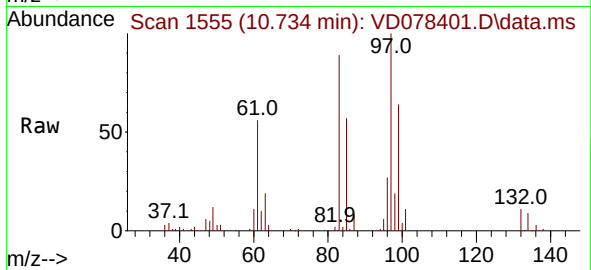
Tgt Ion: 75 Resp: 144098
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 36.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 45.160 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

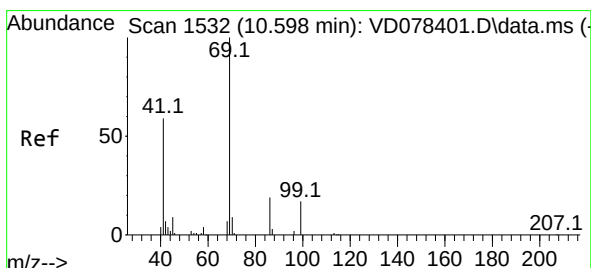
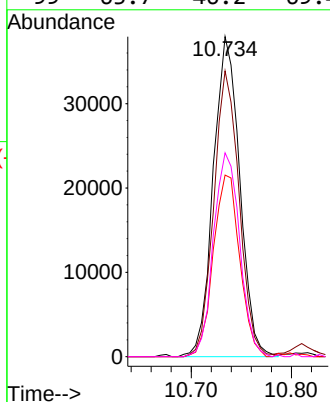
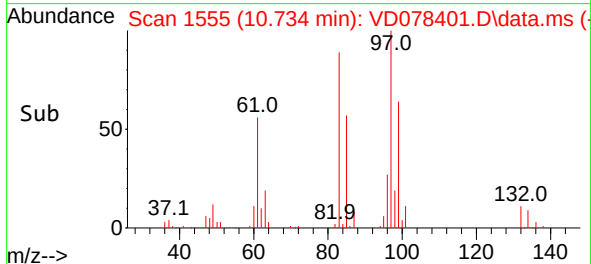
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



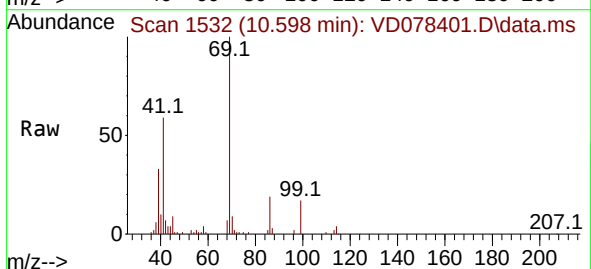
Tgt Ion:	97	Resp:	69478
Ion Ratio	100	Lower	Upper
97	100		
83	89.3	65.8	98.6
85	56.7	45.7	68.5
99	63.7	46.2	69.4

Manual Integrations
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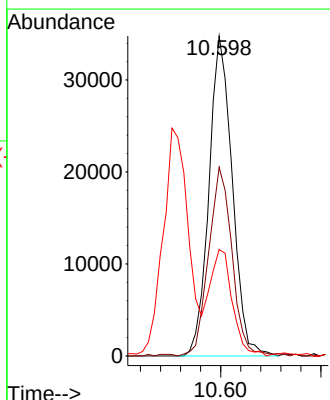
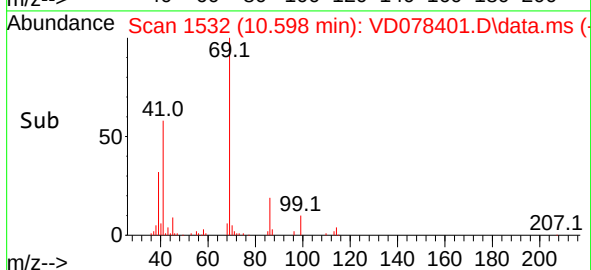
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

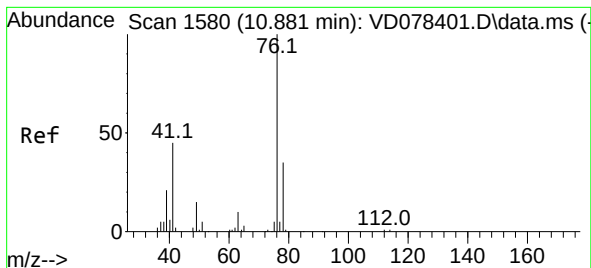


#56
Ethyl methacrylate
Concen: 39.432 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:	69	Resp:	56107
Ion Ratio	100	Lower	Upper
69	100		
41	59.6	39.1	58.7#
39	32.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 44.757 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 11713

Ion Ratio Lower Upper

76 100

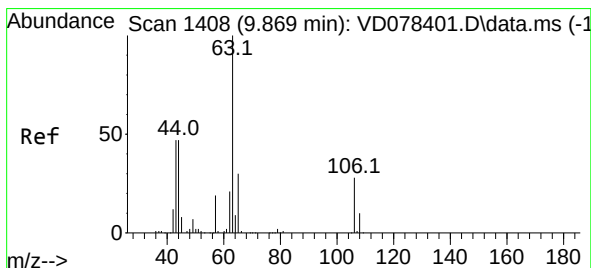
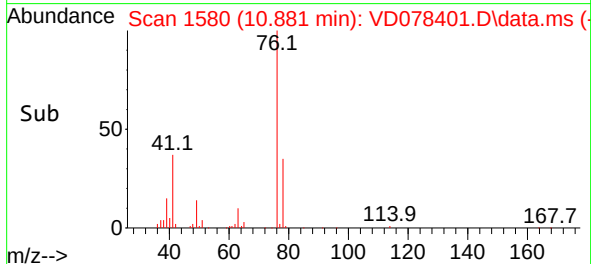
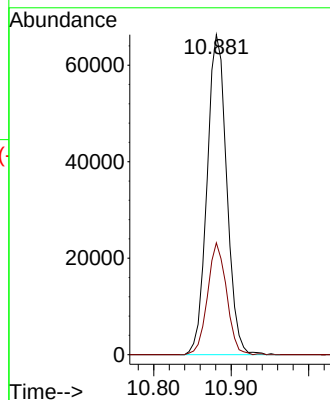
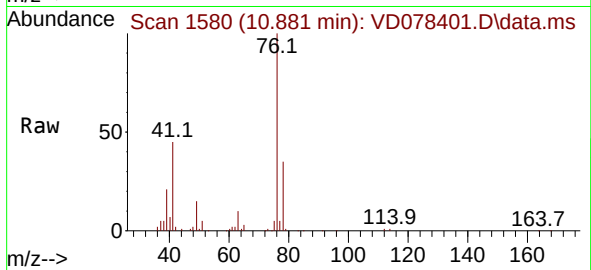
78 33.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 253.478 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078401.D

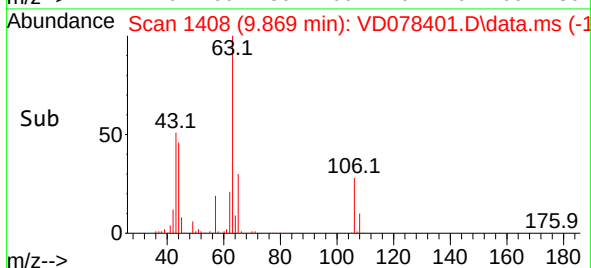
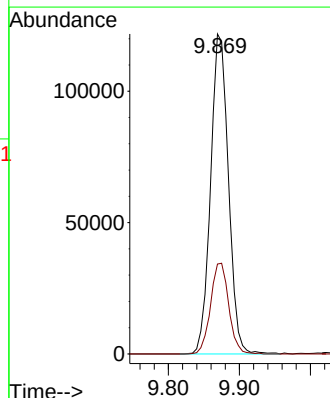
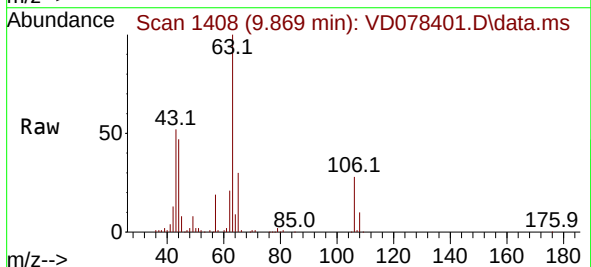
Acq: 13 Feb 2024 13:30

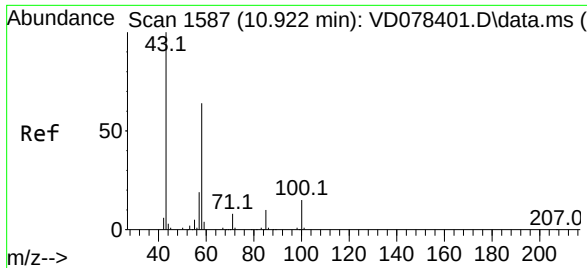
Tgt Ion: 63 Resp: 212451

Ion Ratio Lower Upper

63 100

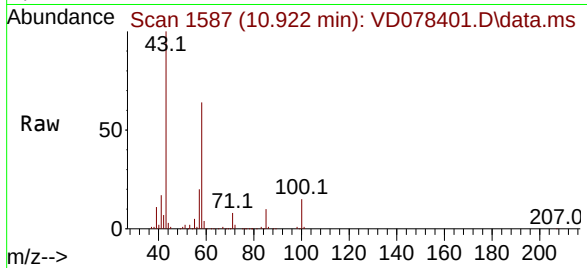
106 28.9 25.3 37.9





#59
2-Hexanone
Concen: 216.402 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

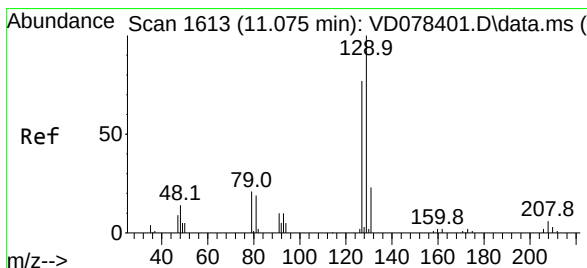
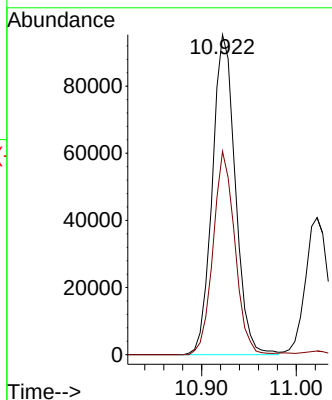
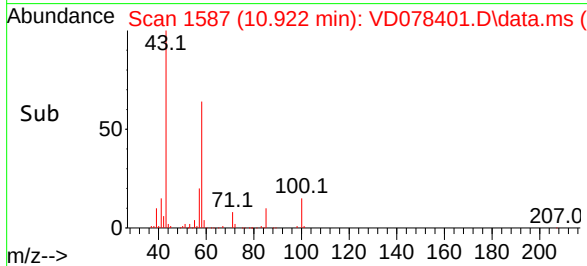
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 16046
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2

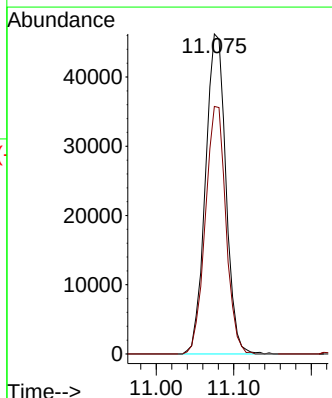
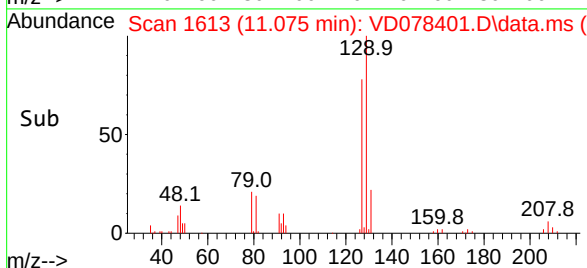
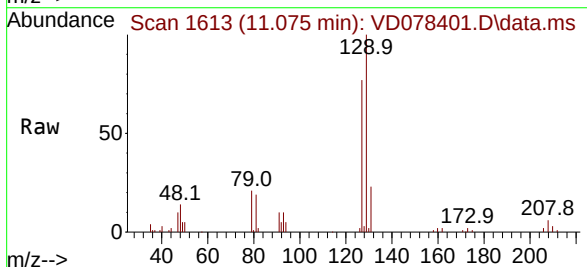
Manual Integrations
APPROVED

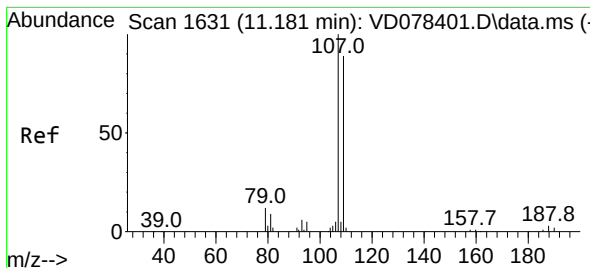
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#60
Dibromochloromethane
Concen: 45.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

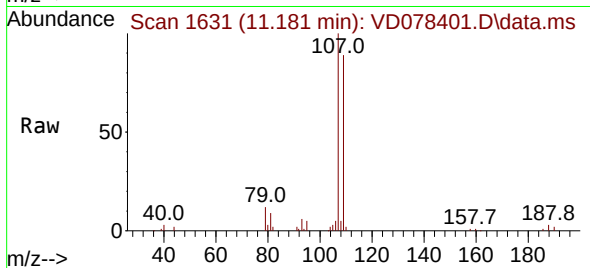
Tgt Ion:129 Resp: 84482
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 46.318 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

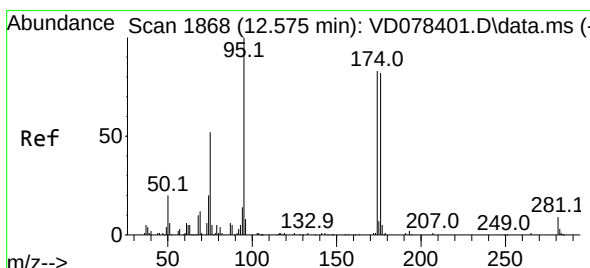
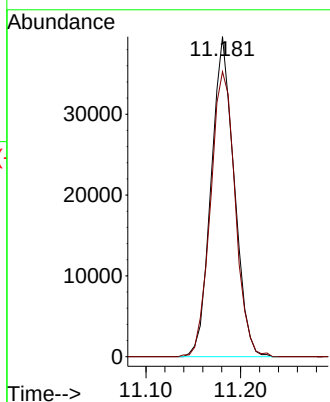
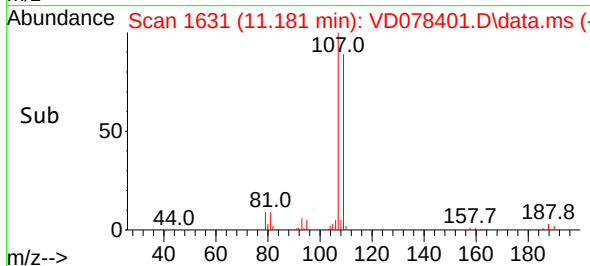
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 6689
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

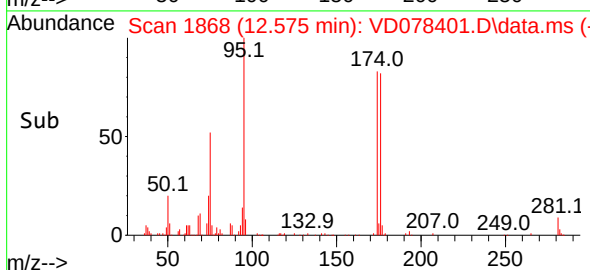
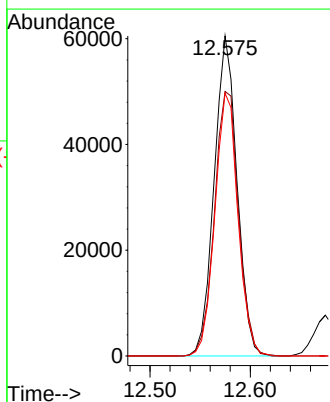
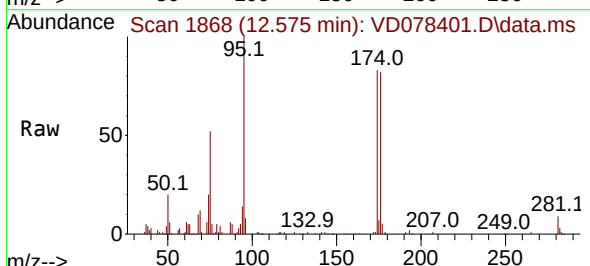
Manual Integrations
APPROVED

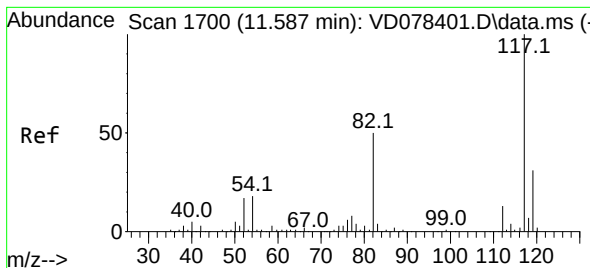
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 95 Resp: 95752
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 27034

Ion Ratio Lower Upper

117 100

82 49.6 38.3 57.5

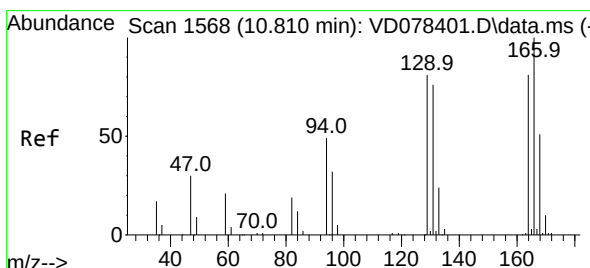
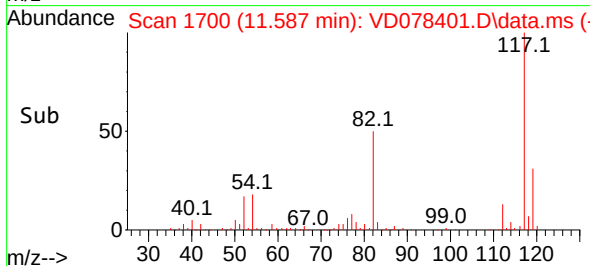
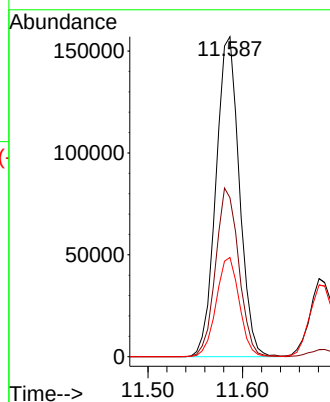
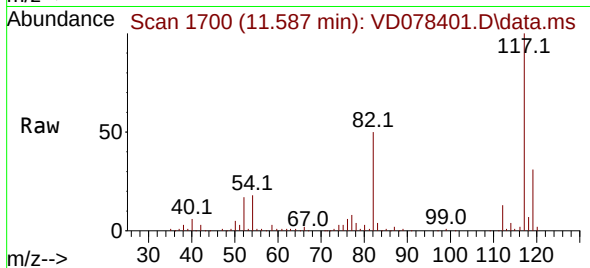
119 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#64

Tetrachloroethene

Concen: 46.712 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:164 Resp: 79763

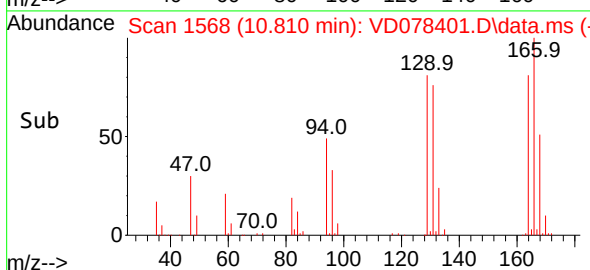
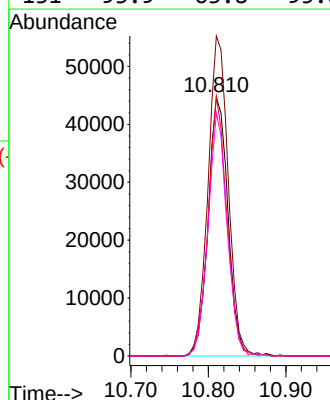
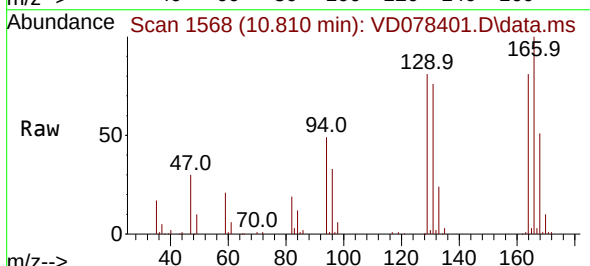
Ion Ratio Lower Upper

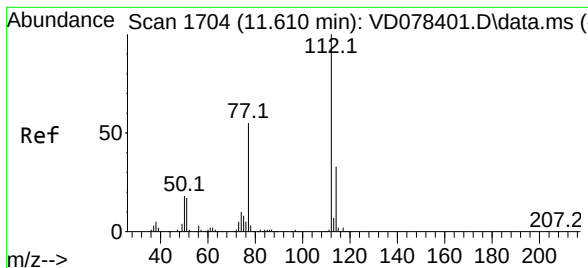
164 100

166 123.7 99.2 148.8

129 100.4 68.4 102.6

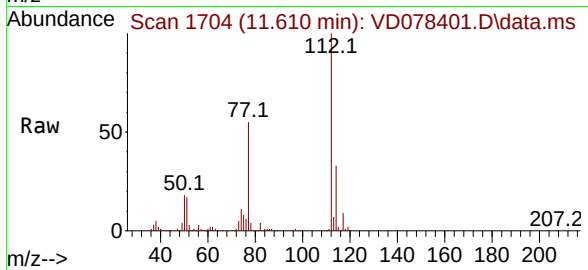
131 93.9 63.8 95.8





#65
Chlorobenzene
Concen: 46.313 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

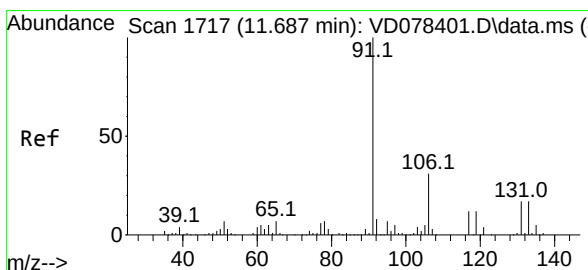
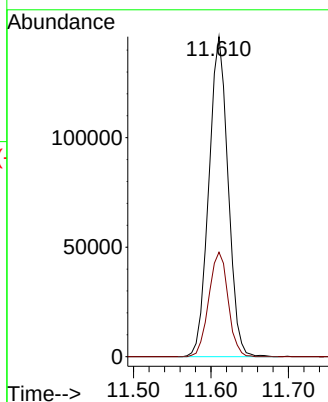
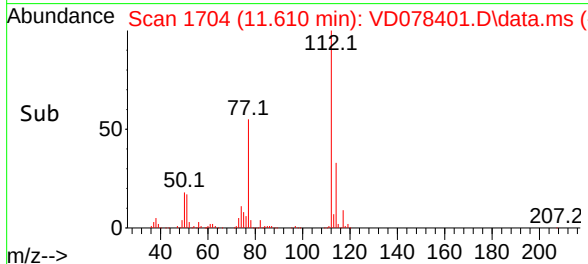
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



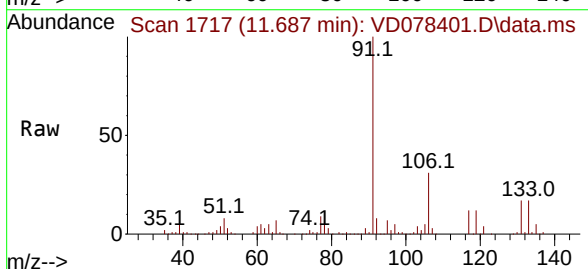
Tgt Ion:112 Resp: 251700
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7

Manual Integrations
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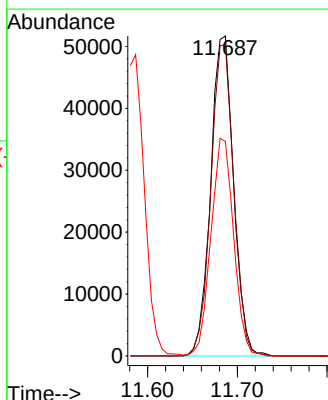
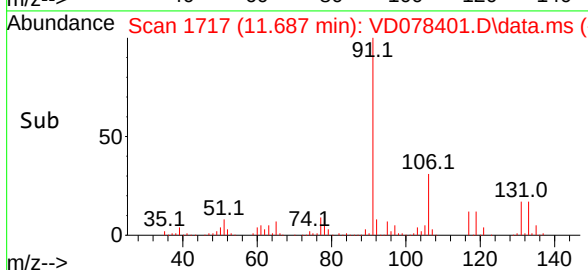
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

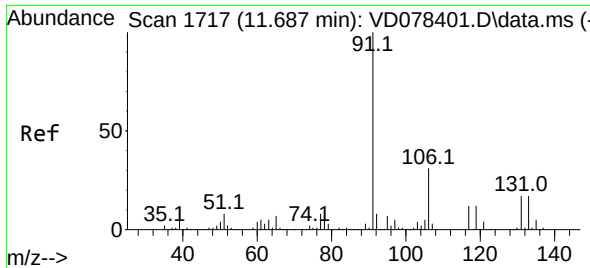


#66
1,1,1,2-Tetrachloroethane
Concen: 45.918 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:131 Resp: 91712
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.5
119 67.4 35.6 106.9





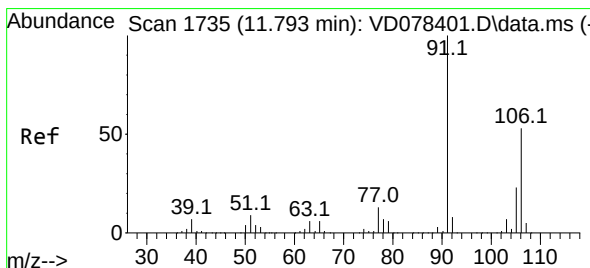
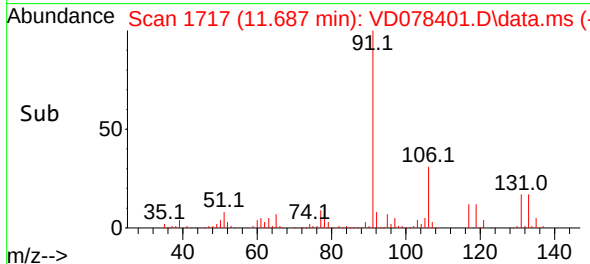
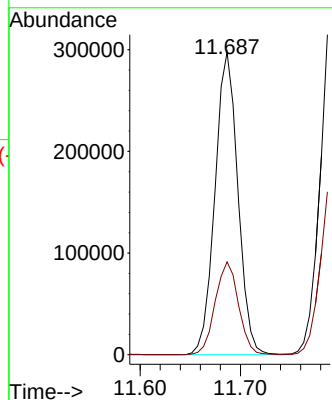
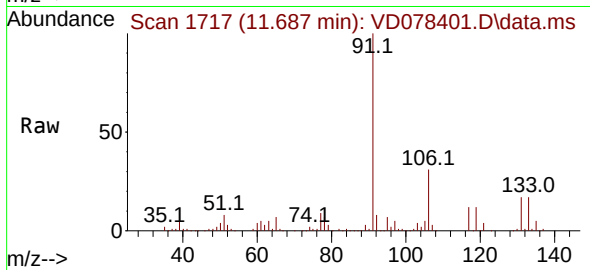
#67
Ethyl Benzene
Concen: 48.353 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 470862
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7

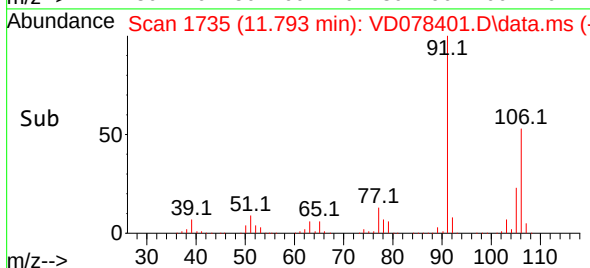
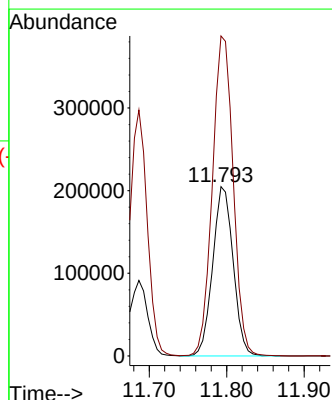
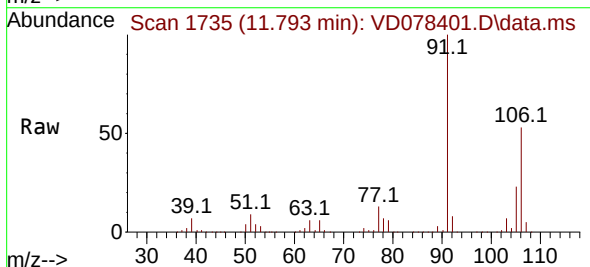
Manual Integrations
APPROVED

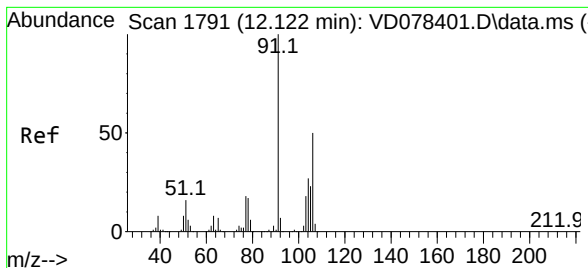
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#68
m/p-Xylenes
Concen: 98.962 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

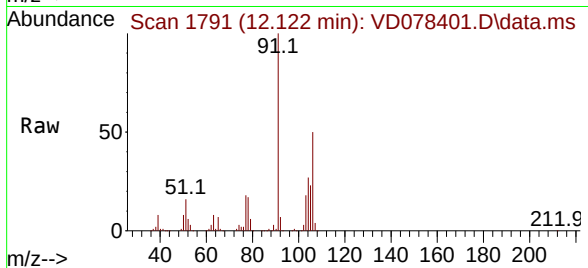
Tgt Ion:106 Resp: 375906
Ion Ratio Lower Upper
106 100
91 192.6 147.0 220.6





#69
o-Xylene
Concen: 48.259 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

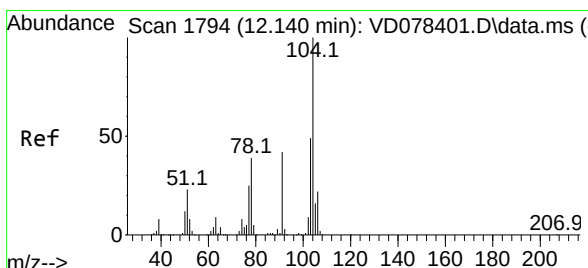
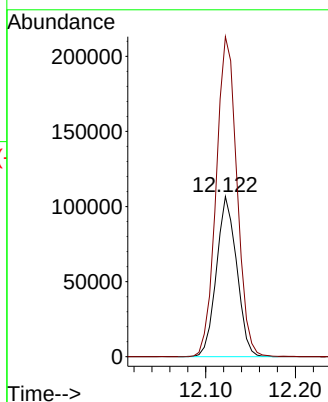
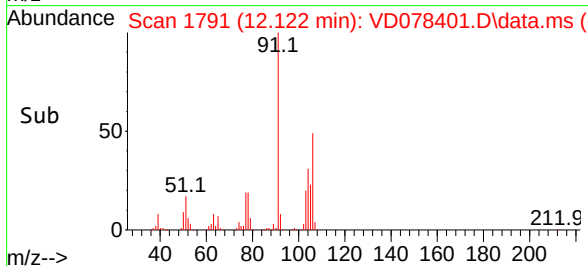
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 167283
Ion Ratio Lower Upper
106 100
91 204.8 97.9 293.6

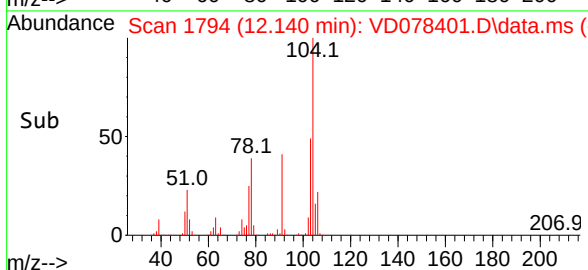
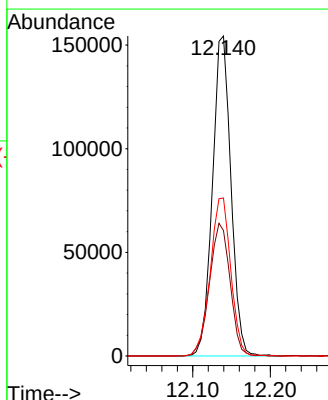
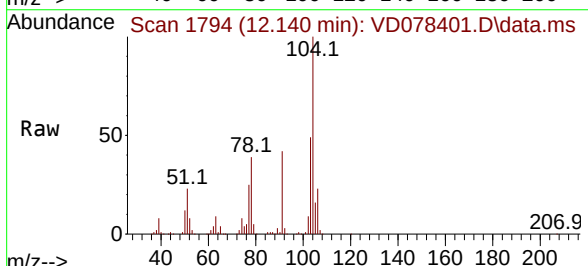
Manual Integrations
APPROVED

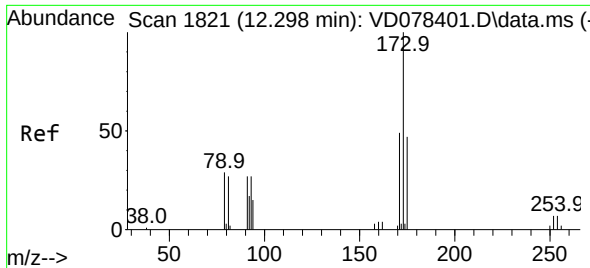
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#70
Styrene
Concen: 45.282 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

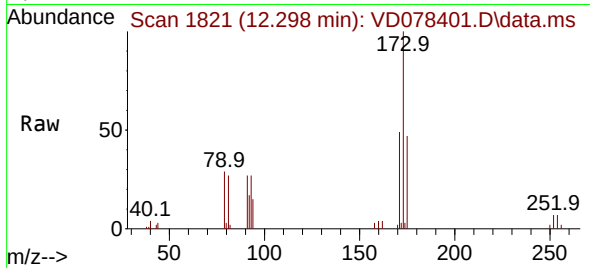
Tgt Ion:104 Resp: 256172
Ion Ratio Lower Upper
104 100
78 46.0 33.2 49.8
103 54.8 43.6 65.4





#71
Bromoform
Concen: 43.980 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

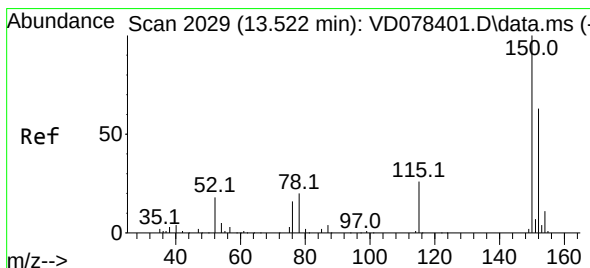
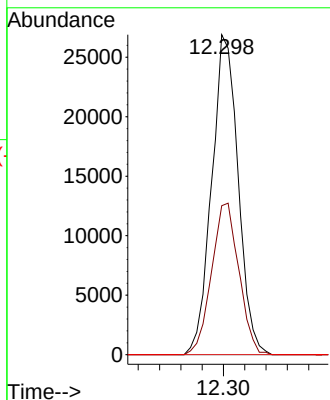
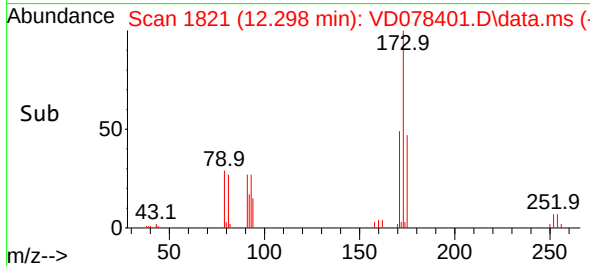
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



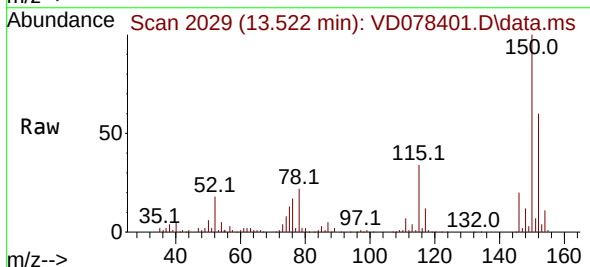
Tgt Ion:173 Resp: 46239
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

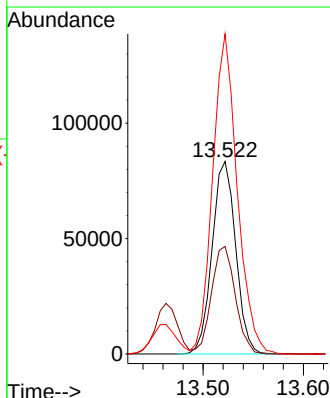
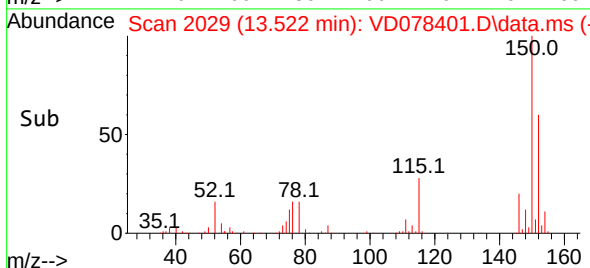
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

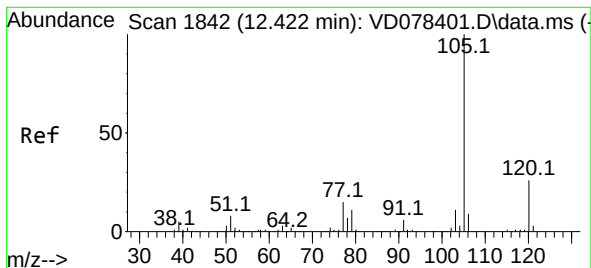


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:152 Resp: 136108
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 173.5 0.0 353.6





#73

Isopropylbenzene

Concen: 49.140 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 449110

Ion Ratio Lower Upper

105 100

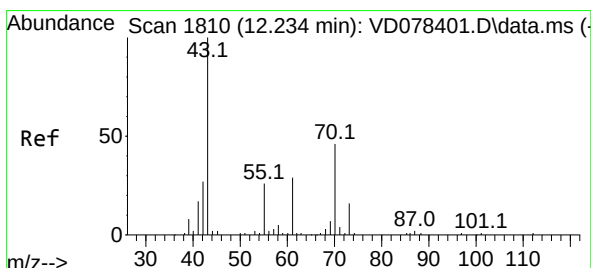
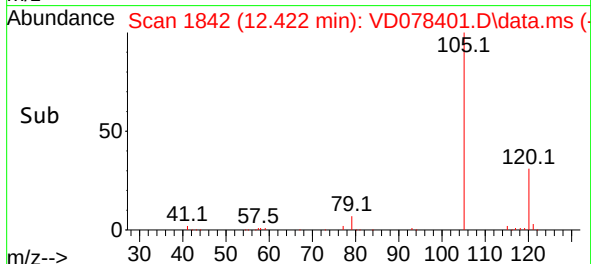
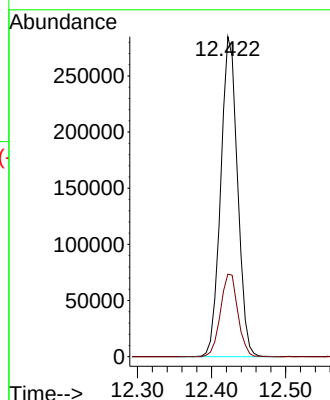
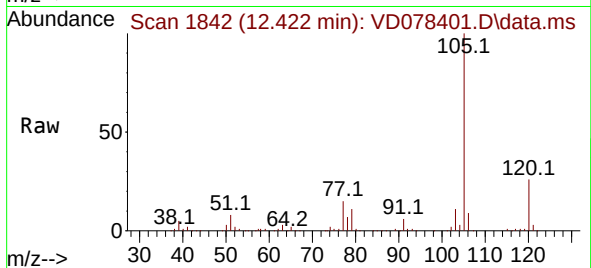
120 26.6 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#74

N-ethyl acetate

Concen: 43.369 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion: 43 Resp: 74987

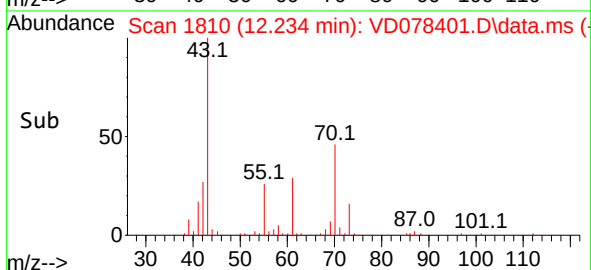
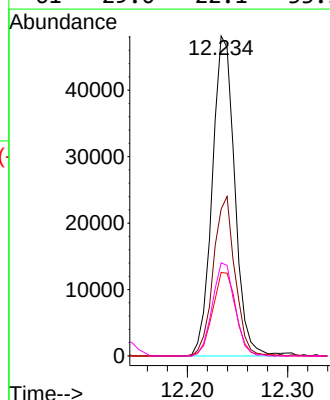
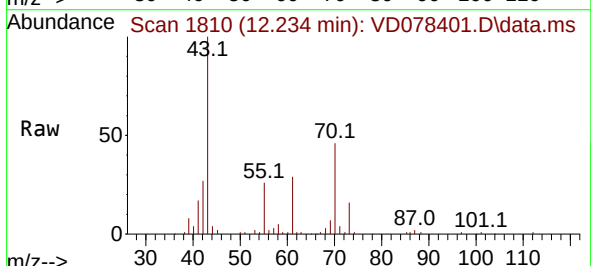
Ion Ratio Lower Upper

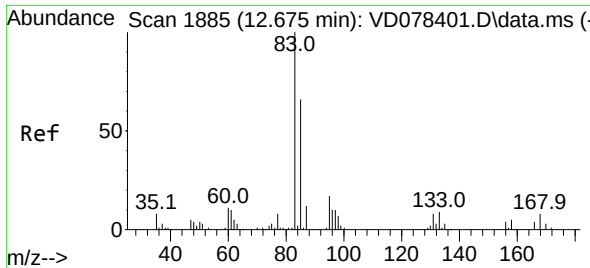
43 100

70 47.9 45.0 67.4

55 27.3 23.8 35.6

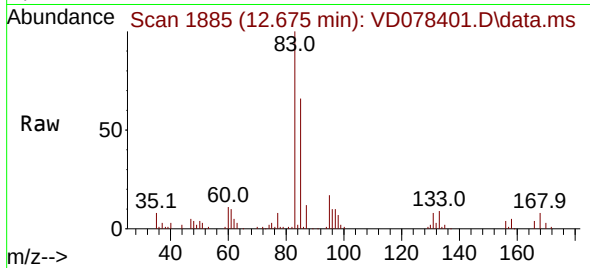
61 29.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 43.326 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

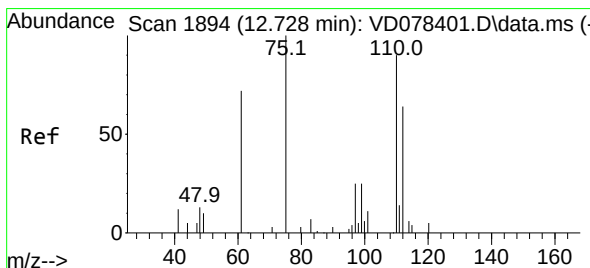
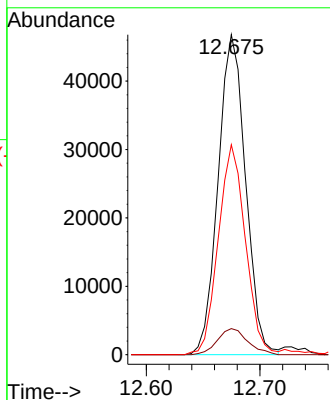
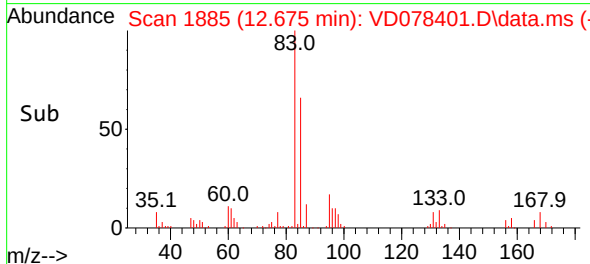
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 78548
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.8 32.6 97.8

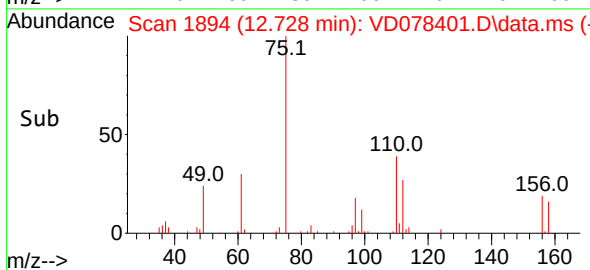
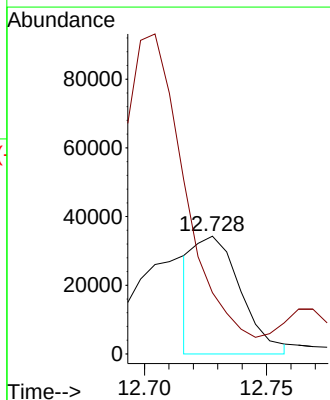
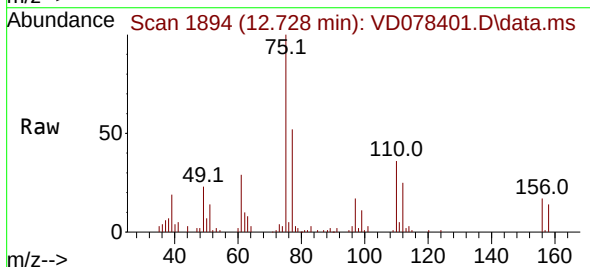
Manual Integrations
APPROVED

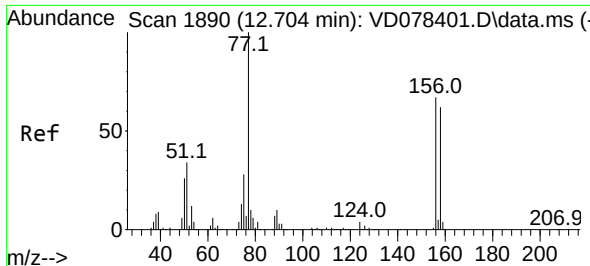
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#76
1,2,3-Trichloropropane
Concen: 39.509 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

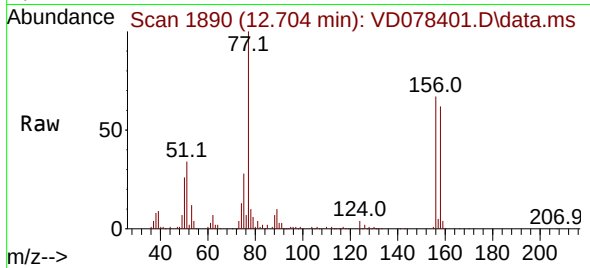
Tgt Ion: 75 Resp: 45773
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.737 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

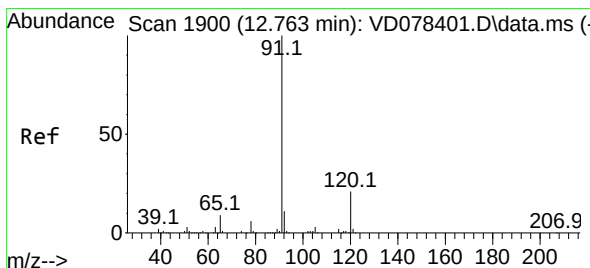
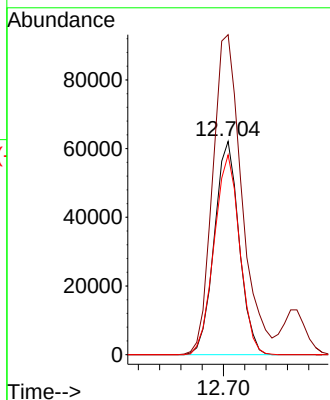
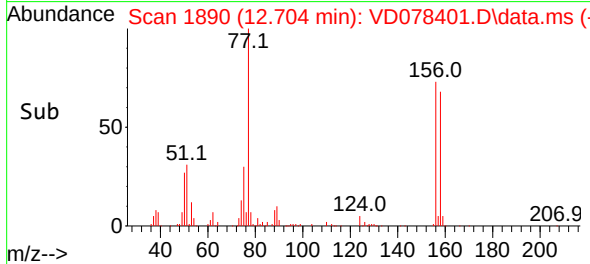
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



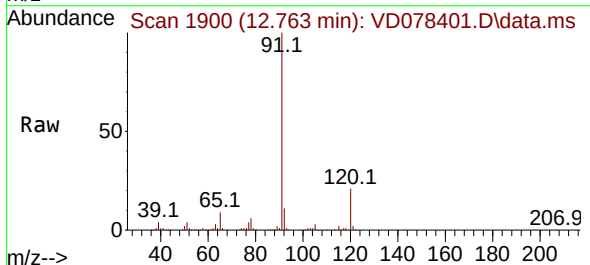
Tgt Ion:156 Resp: 100385
Ion Ratio Lower Upper
156 100
77 175.8 76.8 230.4
158 96.4 48.6 145.9

Manual Integrations
APPROVED

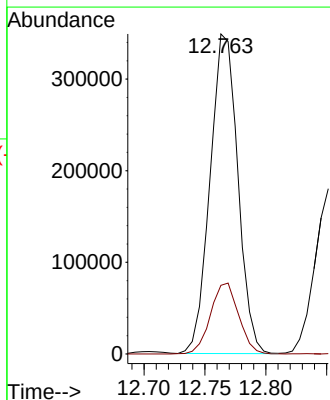
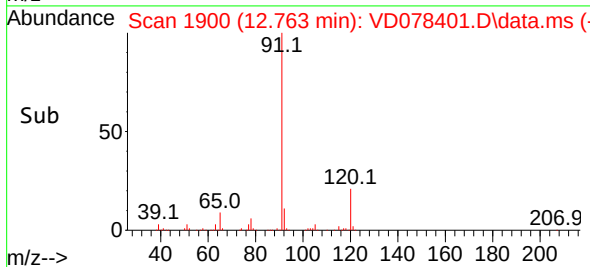
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

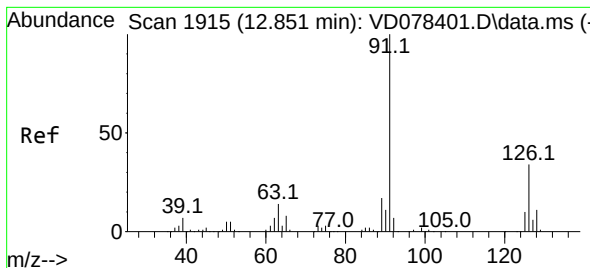


#78
n-propylbenzene
Concen: 48.602 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion: 91 Resp: 553555
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 47.374 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 288992

Ion Ratio Lower Upper

91 100

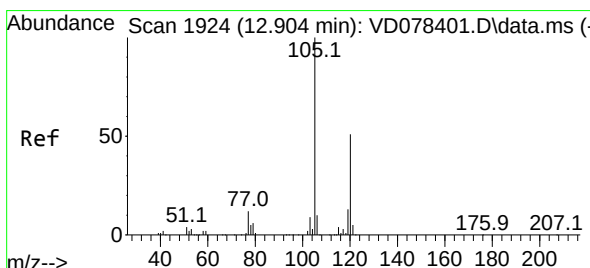
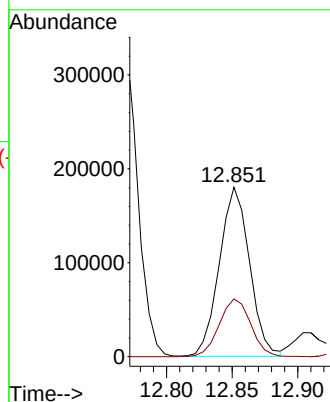
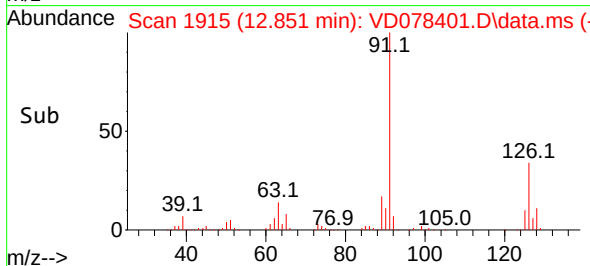
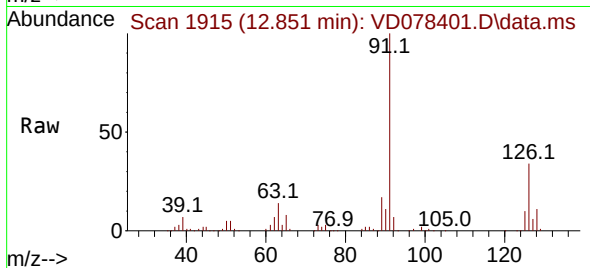
126 35.6 19.4 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.859 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078401.D

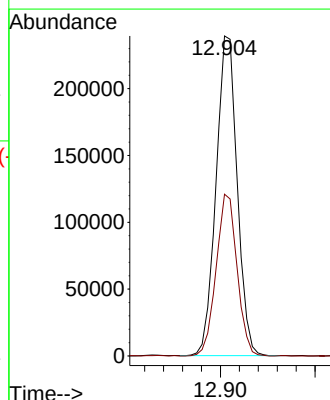
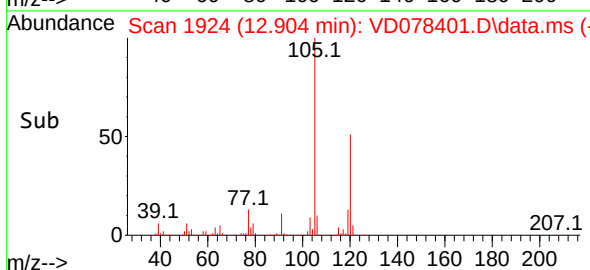
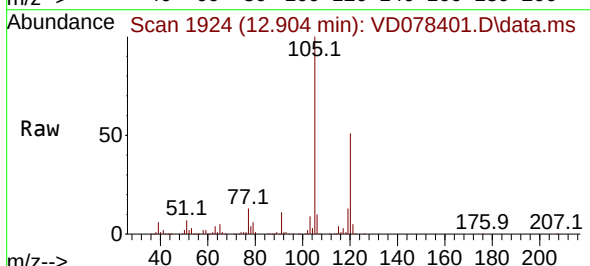
Acq: 13 Feb 2024 13:30

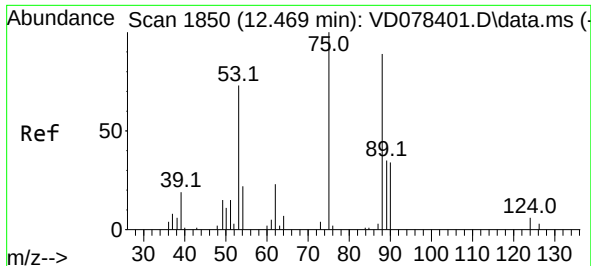
Tgt Ion:105 Resp: 370796

Ion Ratio Lower Upper

105 100

120 50.1 26.4 79.2





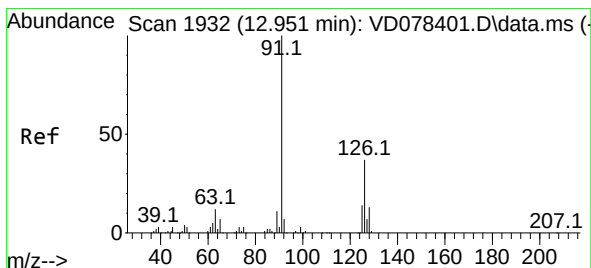
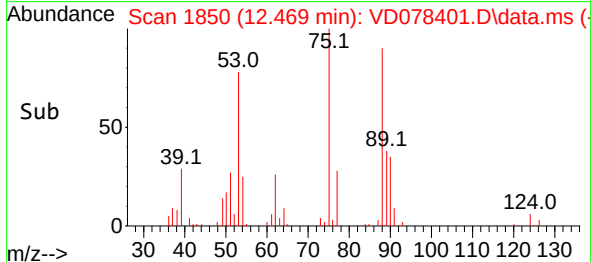
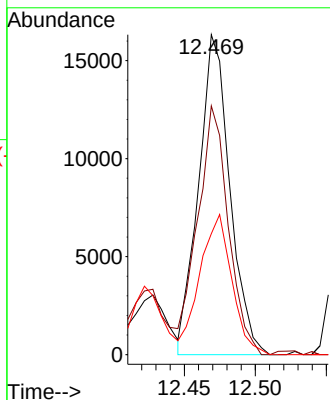
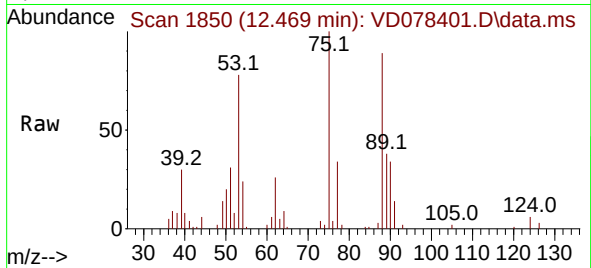
#81
trans-1,4-Dichloro-2-butene
Concen: 44.838 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2495
Ion Ratio Lower Upper
75 100
53 76.1 63.0 94.4
89 44.9 37.9 56.9

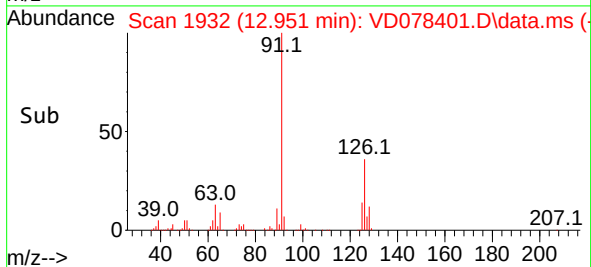
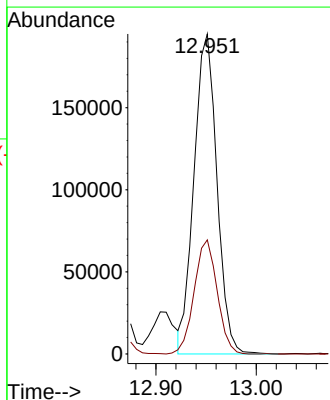
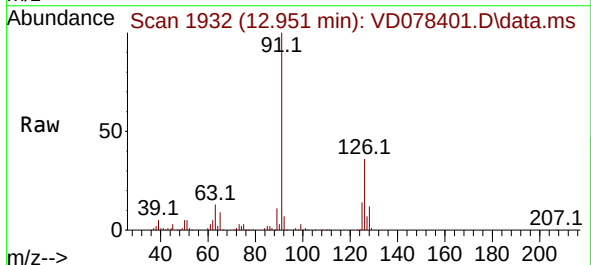
Manual Integrations
APPROVED

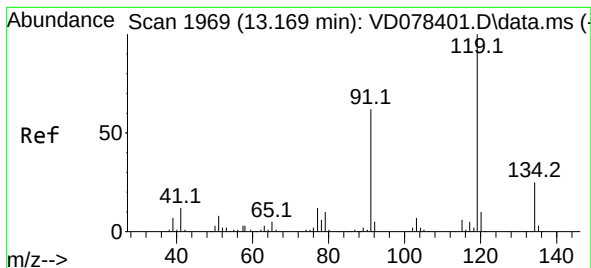
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#82
4-Chlorotoluene
Concen: 47.354 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

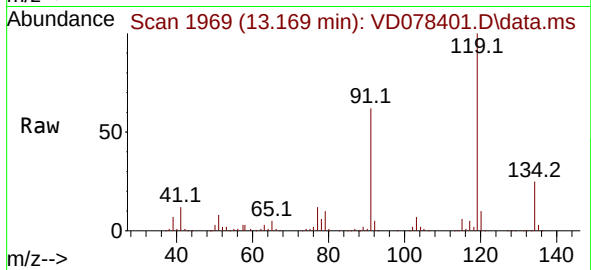
Tgt Ion: 91 Resp: 310254
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 49.415 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

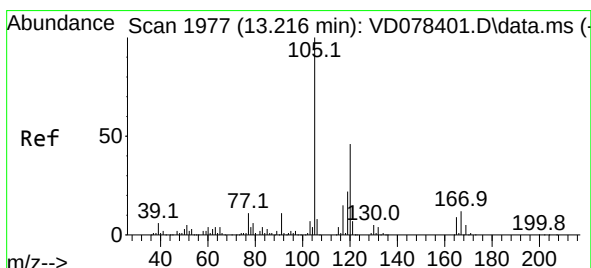
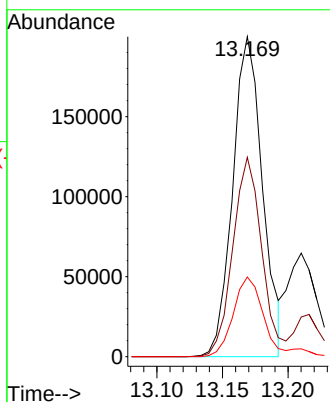
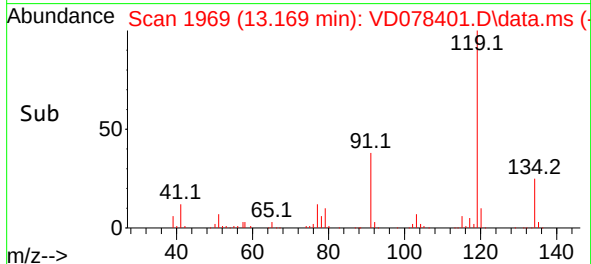
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



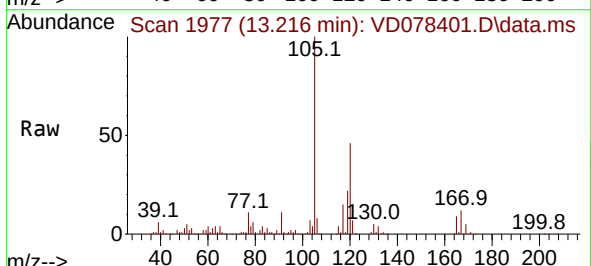
Tgt Ion:119 Resp: 316270
Ion Ratio Lower Upper
119 100
91 60.8 29.3 87.8
134 24.6 14.1 42.3

Manual Integrations
APPROVED

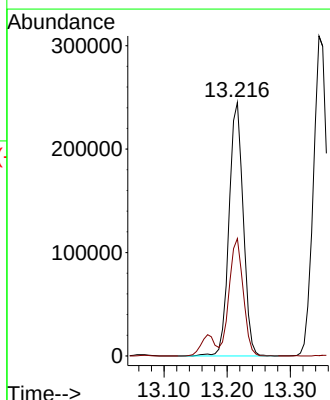
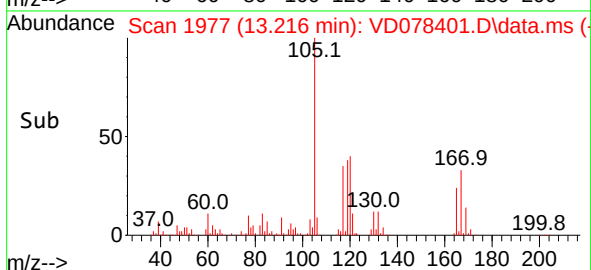
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

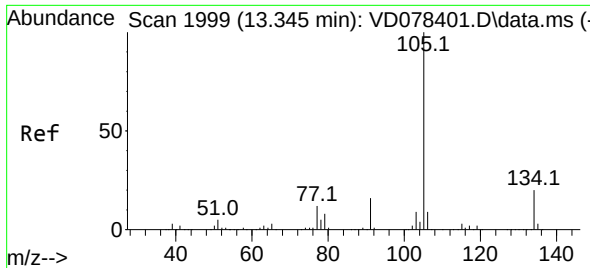


#84
1,2,4-Trimethylbenzene
Concen: 49.620 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:105 Resp: 382182
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9





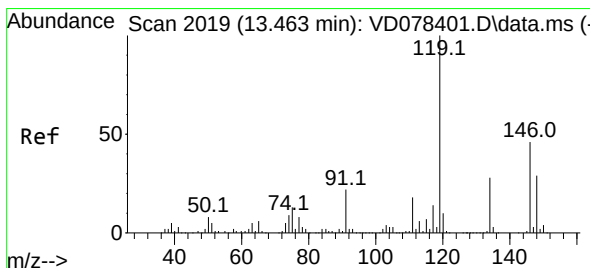
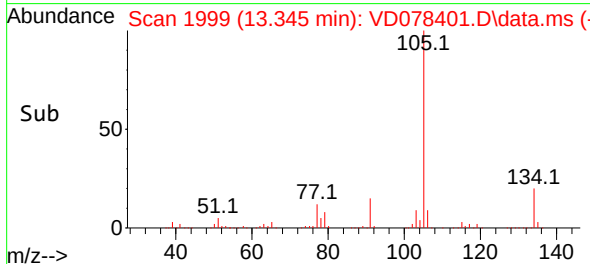
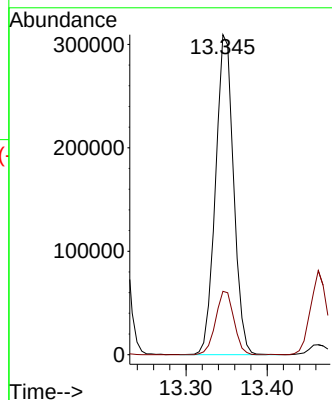
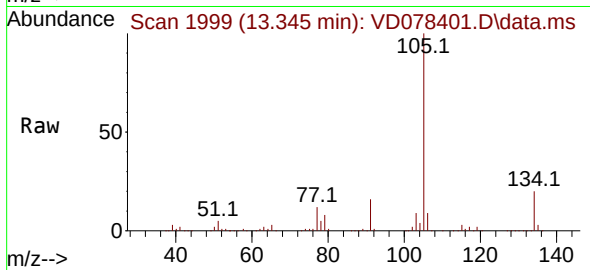
#85
 sec-Butylbenzene
 Concen: 48.111 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 477540
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

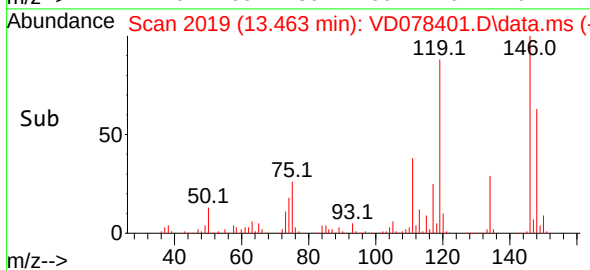
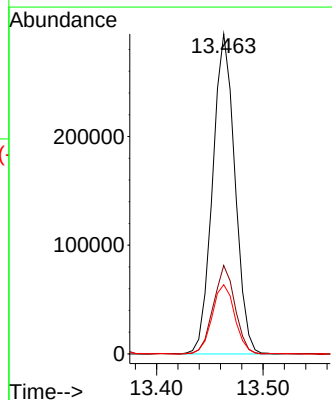
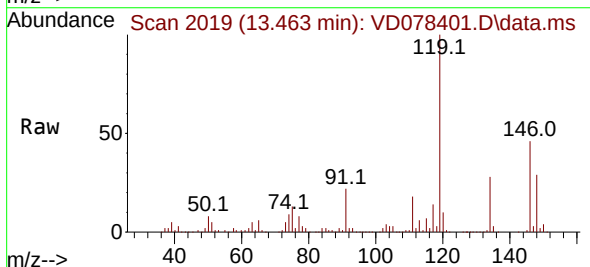
Manual Integrations
 APPROVED

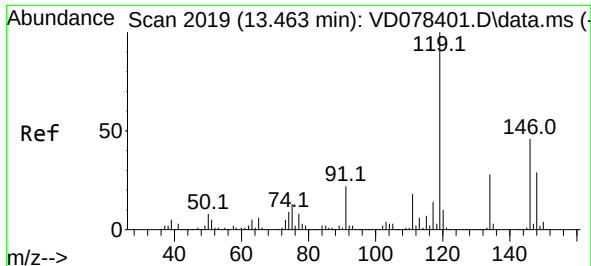
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#86
 p-Isopropyltoluene
 Concen: 50.628 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

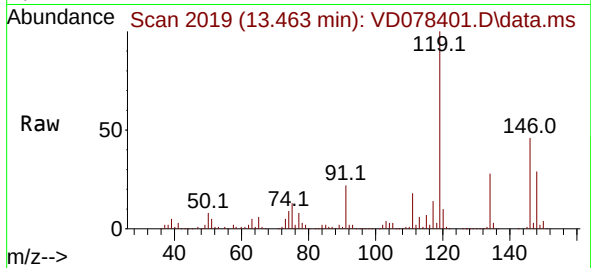
Tgt Ion:119 Resp: 428025
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.1 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 47.378 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

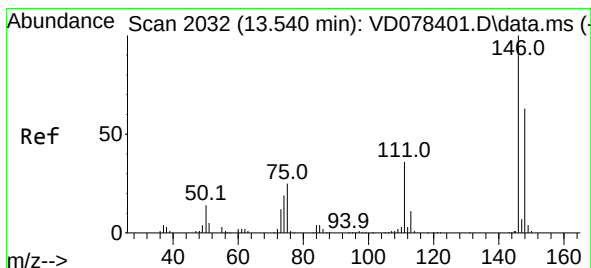
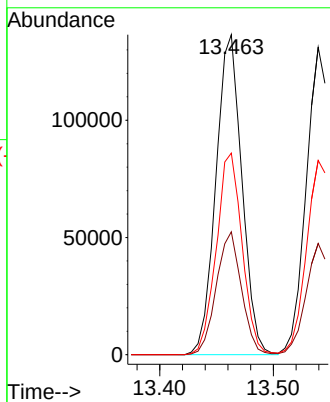
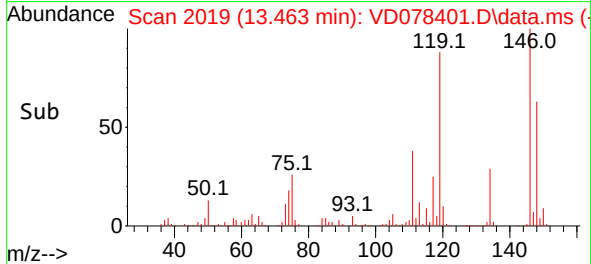
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



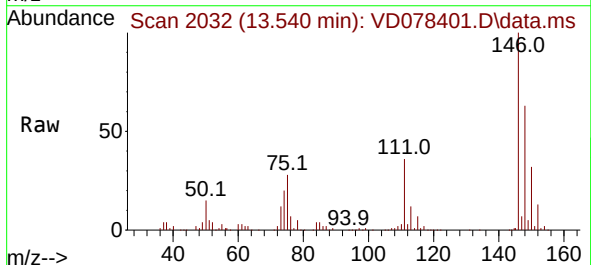
Tgt Ion:146 Resp: 21719
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 62.7 32.3 96.8

Manual Integrations
APPROVED

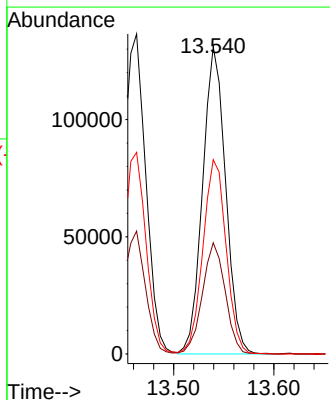
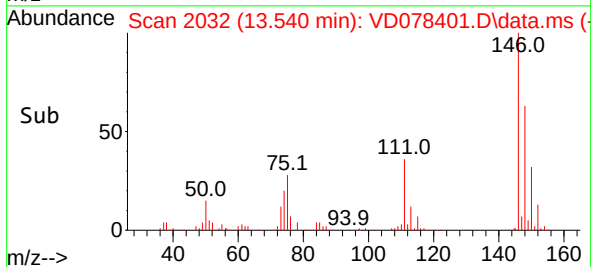
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

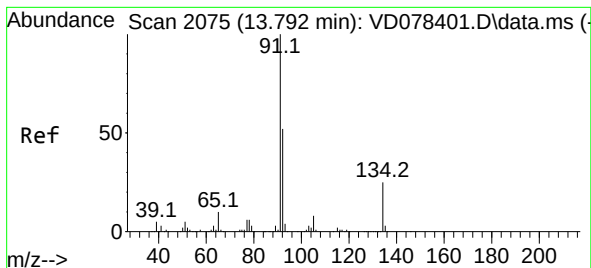


#88
1,4-Dichlorobenzene
Concen: 46.527 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:146 Resp: 209576
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 50.414 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

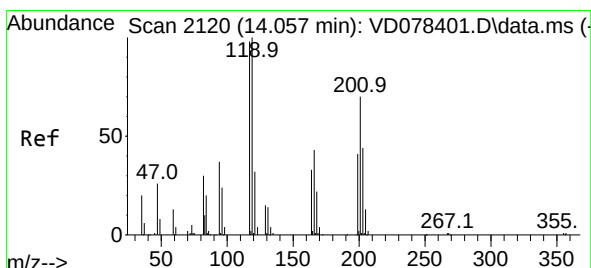
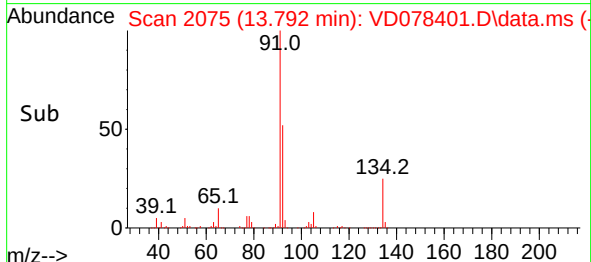
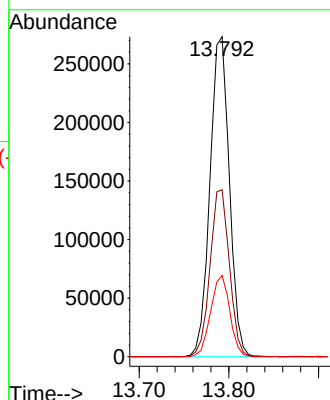
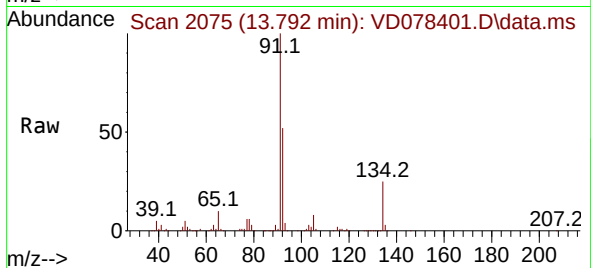
Tgt Ion: 91 Resp: 41081

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	25.0	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#90

Hexachloroethane

Concen: 46.427 ug/l

RT: 14.057 min Scan# 2120

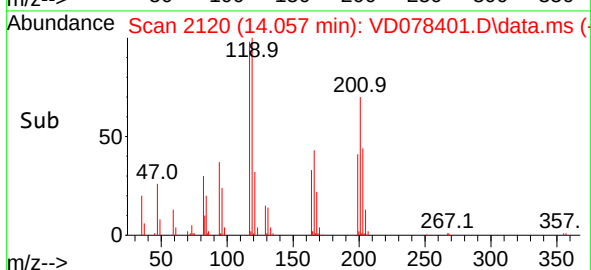
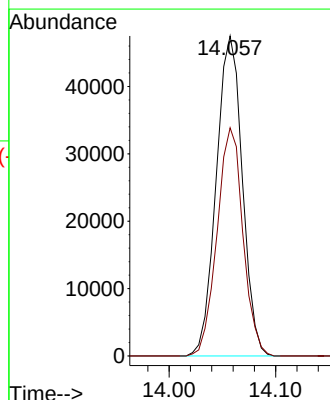
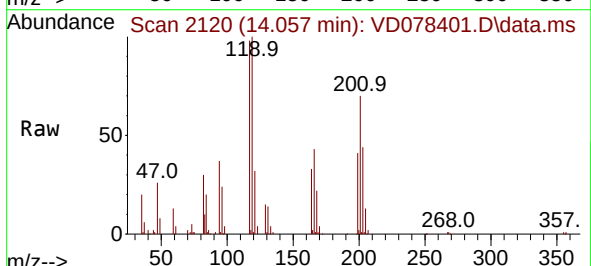
Delta R.T. 0.000 min

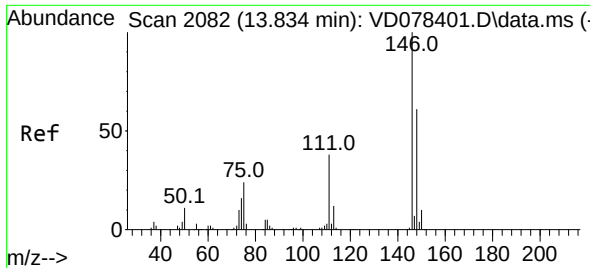
Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:117 Resp: 80674

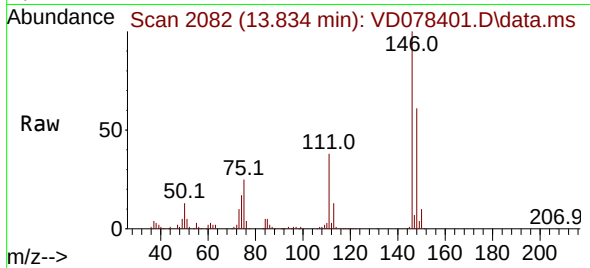
Ion	Ratio	Lower	Upper
117	100		
201	70.8	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 46.443 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

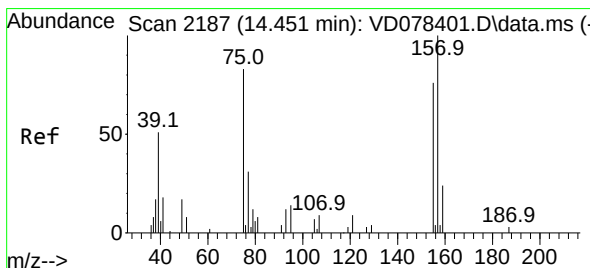
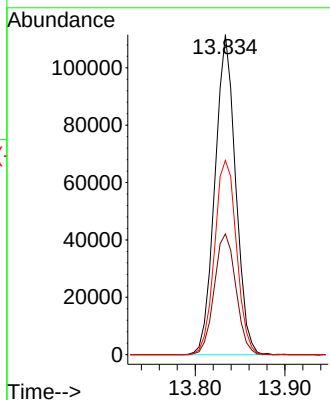
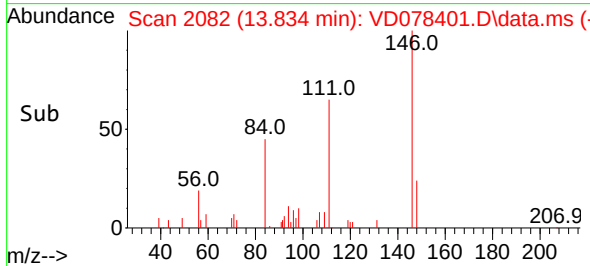
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



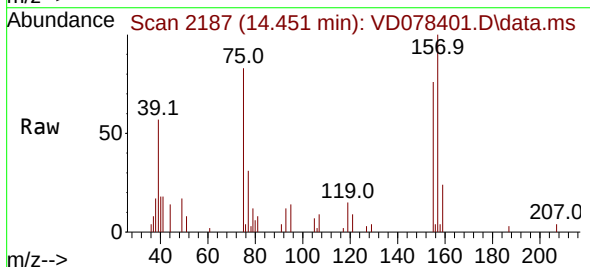
Tgt Ion:146 Resp: 178788
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 64.4 31.6 94.7

Manual Integrations
APPROVED

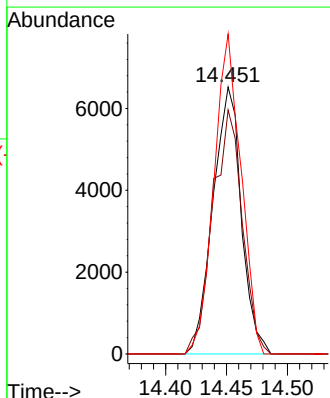
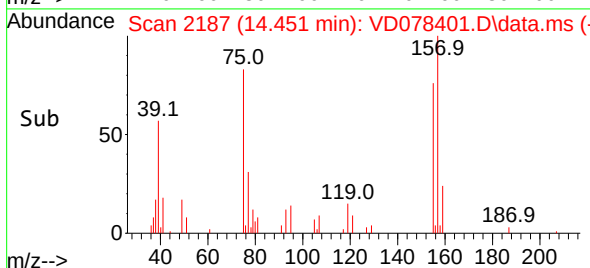
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

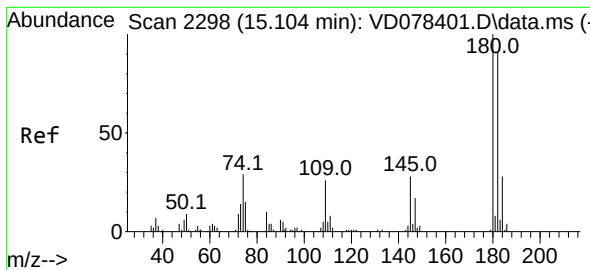


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.573 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion: 75 Resp: 10581
Ion Ratio Lower Upper
75 100
155 94.9 47.9 143.8
157 114.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.051 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

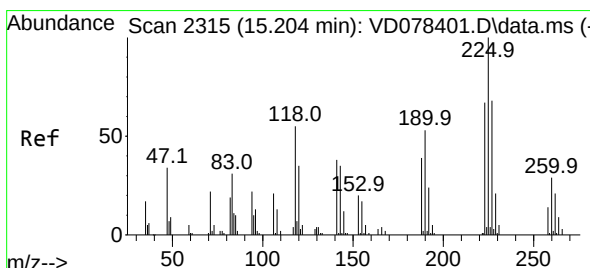
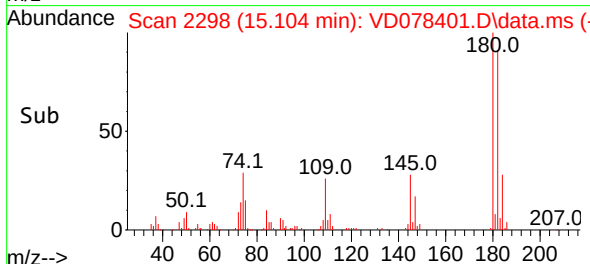
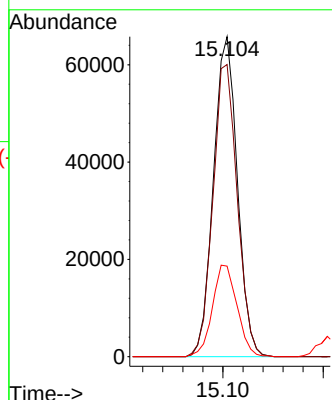
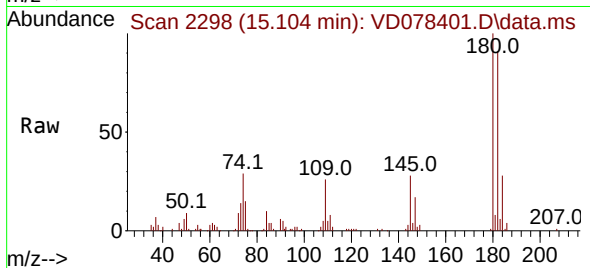
VSTDICCC050

Tgt Ion:	180	Resp:	10871
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.5	145.6
145	29.5	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#94

Hexachlorobutadiene

Concen: 48.613 ug/l

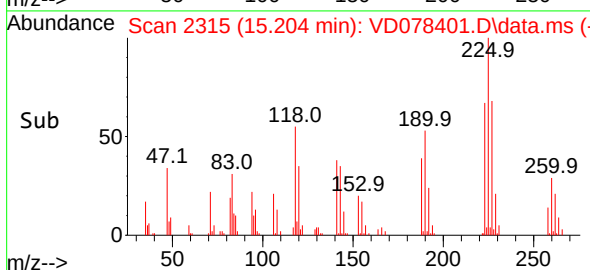
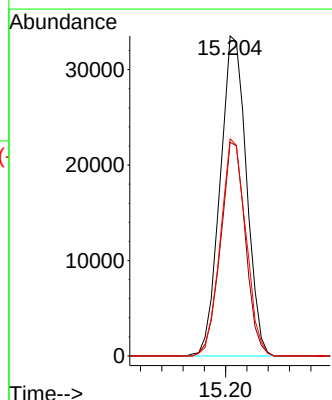
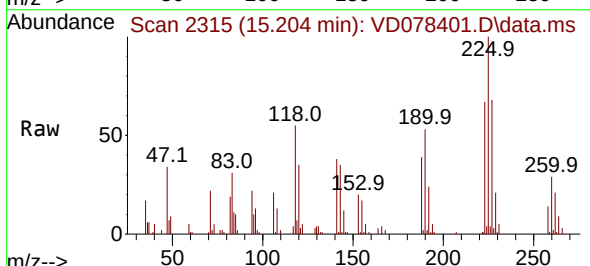
RT: 15.204 min Scan# 2315

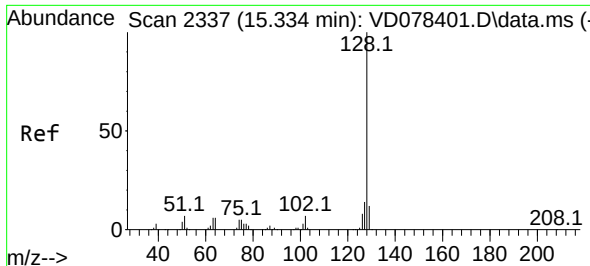
Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

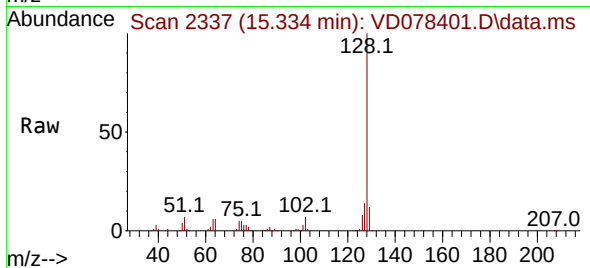
Tgt Ion:	225	Resp:	57407
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	65.6	31.7	95.1





#95
Naphthalene
Concen: 46.429 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

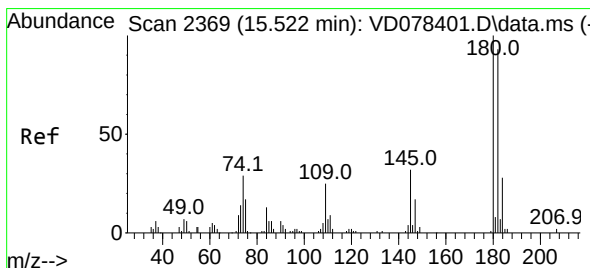
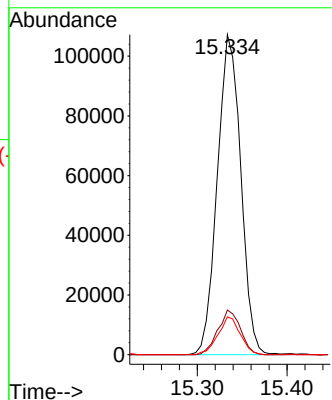
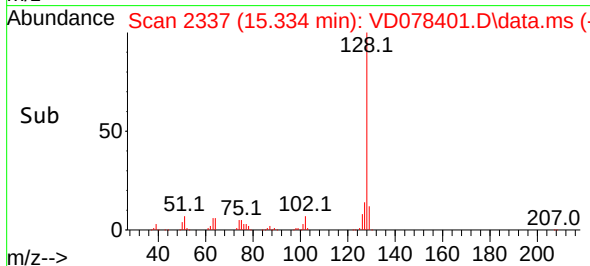
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 19482
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.961 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:180 Resp: 91961
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 31.4 15.1 45.3

