

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078902.D
 Acq On : 10 May 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 11 05:15:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 05:14:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	206791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74951	60.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.240%
35) Dibromofluoromethane	7.810	113	85469	59.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.300%
50) Toluene-d8	10.269	98	332383	61.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	122.300%
62) 4-Bromofluorobenzene	12.575	95	97324	63.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	126.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75413	54.700	ug/l	100
3) Chloromethane	2.152	50	111956	55.119	ug/l	95
4) Vinyl Chloride	2.287	62	170562	55.410	ug/l	93
5) Bromomethane	2.693	94	161572	54.336	ug/l	98
6) Chloroethane	2.834	64	142851	56.235	ug/l	95
7) Trichlorofluoromethane	3.175	101	134885	47.303	ug/l	97
8) Diethyl Ether	3.593	74	40415	55.089	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	82476	51.945	ug/l	98
10) Methyl Iodide	4.163	142	110114	58.165	ug/l	99
11) Tert butyl alcohol	5.045	59	18143	283.150	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	84332	53.900	ug/l	95
13) Acrolein	3.798	56	36954	256.432	ug/l	99
14) Allyl chloride	4.569	41	83254	57.476	ug/l	99
15) Acrylonitrile	5.251	53	75125	292.806	ug/l	97
16) Acetone	4.022	43	62030	255.306	ug/l	99
17) Carbon Disulfide	4.275	76	263925	51.417	ug/l	100
18) Methyl Acetate	4.563	43	27805	59.300	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	171472	61.690	ug/l	98
20) Methylene Chloride	4.804	84	103407	55.910	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	93035	57.546	ug/l	94
22) Diisopropyl ether	6.216	45	190233	60.074	ug/l	98
23) Vinyl Acetate	6.157	43	598815	314.066	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	141869	57.736	ug/l	98
25) 2-Butanone	7.087	43	88028	295.831	ug/l	92
26) 2,2-Dichloropropane	7.075	77	120919	54.424	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	108891	58.152	ug/l	95
28) Bromochloromethane	7.422	49	47510	55.409	ug/l	89
29) Tetrahydrofuran	7.445	42	50867	307.293	ug/l	93
30) Chloroform	7.592	83	158262	56.336	ug/l	99
31) Cyclohexane	7.881	56	110215	54.574	ug/l	95
32) 1,1,1-Trichloroethane	7.798	97	138800	56.168	ug/l	97
36) 1,1-Dichloropropene	8.010	75	113887	58.666	ug/l	99
37) Ethyl Acetate	7.169	43	38089	59.460	ug/l	98
38) Carbon Tetrachloride	7.992	117	124375	54.561	ug/l	99
39) Methylcyclohexane	9.275	83	147134	59.121	ug/l	94
40) Benzene	8.251	78	351897	56.215	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	22307	62.822	ug/l	93
42) 1,2-Dichloroethane	8.328	62	85566	58.647	ug/l	100
43) Isopropyl Acetate	8.363	43	68977	57.977	ug/l	98
44) Trichloroethene	9.028	130	94385	56.573	ug/l	91
45) 1,2-Dichloropropane	9.304	63	76817	55.707	ug/l	96
46) Dibromomethane	9.392	93	49537	56.604	ug/l	98
47) Bromodichloromethane	9.586	83	120616	55.697	ug/l	99
48) Methyl methacrylate	9.381	41	34582	62.619	ug/l	97
49) 1,4-Dioxane	9.386	88	10247	1215.329	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	187653	307.260	ug/l	99
52) Toluene	10.333	92	232298	57.199	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	110146	60.029	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	129412	58.740	ug/l	99
55) 1,1,2-Trichloroethane	10.733	97	66179	56.641	ug/l	98
56) Ethyl methacrylate	10.598	69	77005	63.723	ug/l	94
57) 1,3-Dichloropropane	10.880	76	105562	58.161	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	144283	301.177	ug/l	98
59) 2-Hexanone	10.922	43	133991	297.808	ug/l	96
60) Dibromochloromethane	11.075	129	89910	57.060	ug/l	100
61) 1,2-Dibromoethane	11.180	107	61316	56.103	ug/l	93
64) Tetrachloroethene	10.810	164	81709	57.016	ug/l	96
65) Chlorobenzene	11.604	112	262182	56.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	88347	55.261	ug/l	98
67) Ethyl Benzene	11.680	91	436404	59.065	ug/l	97
68) m/p-Xylenes	11.792	106	359335	118.253	ug/l	96
69) o-Xylene	12.122	106	167534	60.992	ug/l	99
70) Styrene	12.133	104	290476	59.641	ug/l	99
71) Bromoform	12.298	173	50840	59.022	ug/l #	98
73) Isopropylbenzene	12.422	105	412250	60.631	ug/l	100
74) N-amyl acetate	12.233	43	68476	64.181	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	70736	59.865	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	88056	113.257	ug/l #	100
77) Bromobenzene	12.698	156	104278	60.133	ug/l	96
78) n-propylbenzene	12.763	91	494225	60.364	ug/l	99
79) 2-Chlorotoluene	12.851	91	271652	60.655	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	341933	60.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	24214	60.362	ug/l	95
82) 4-Chlorotoluene	12.945	91	289215	59.244	ug/l	99
83) tert-Butylbenzene	13.163	119	308658	61.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	355552	62.269	ug/l	100
85) sec-Butylbenzene	13.345	105	453985	60.992	ug/l	100
86) p-Isopropyltoluene	13.457	119	401778	62.189	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	217201	59.515	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	211437	58.244	ug/l	99
89) n-Butylbenzene	13.786	91	349079	61.179	ug/l	99
90) Hexachloroethane	14.051	117	76655	58.511	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	183293	58.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9554	58.691	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	113100	62.245	ug/l	96
94) Hexachlorobutadiene	15.204	225	58013	59.204	ug/l	99
95) Naphthalene	15.333	128	205635	64.465	ug/l	96
96) 1,2,3-Trichlorobenzene	15.521	180	101241	63.877	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat May 11 05:14:02 2024
Response via : Initial Calibration

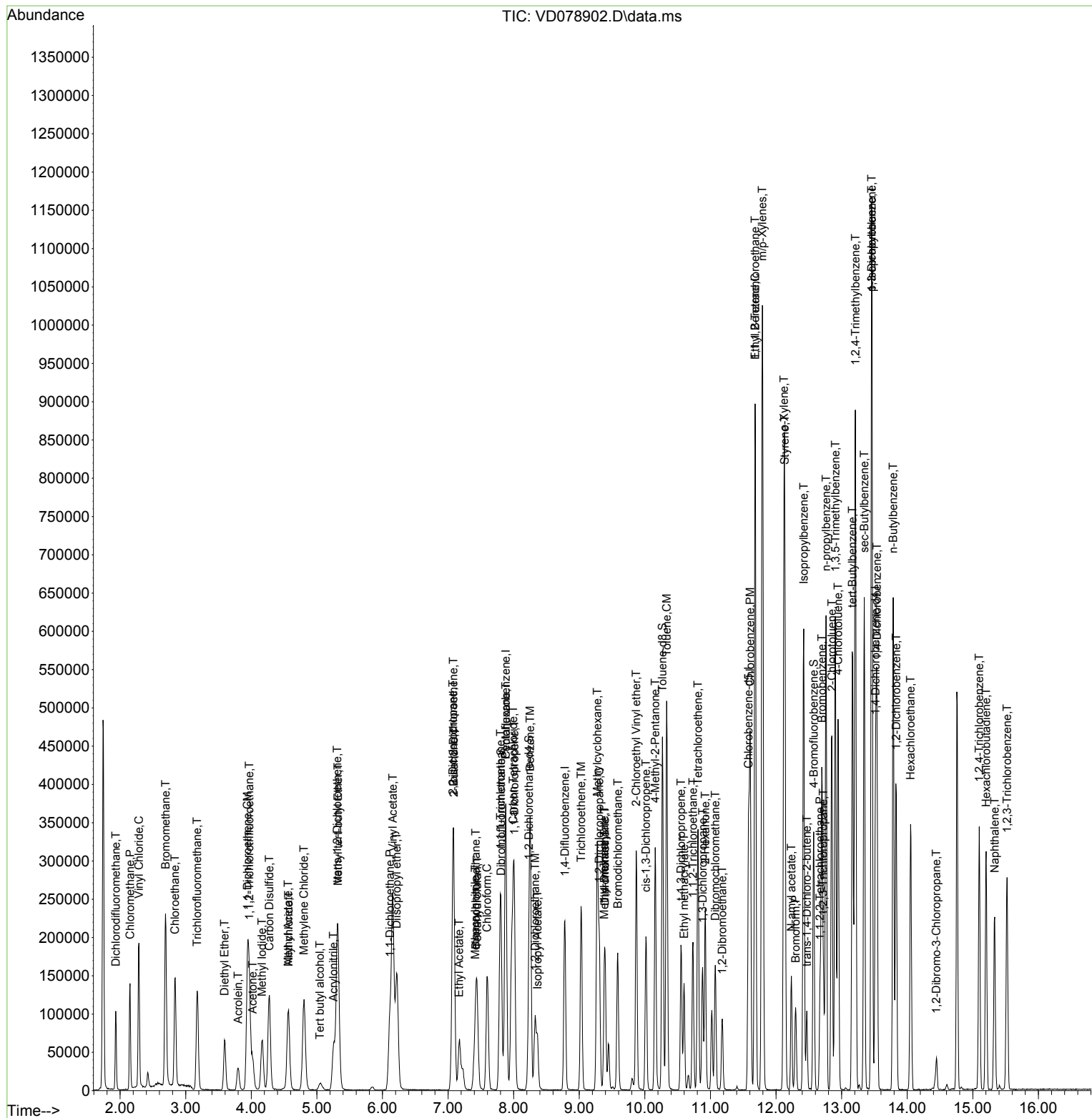
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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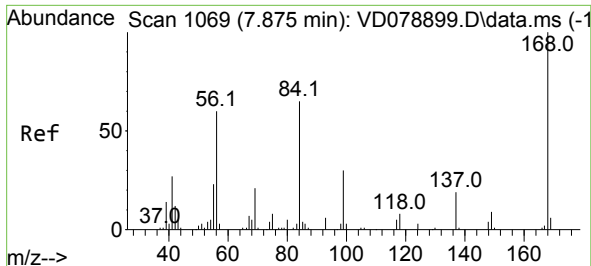
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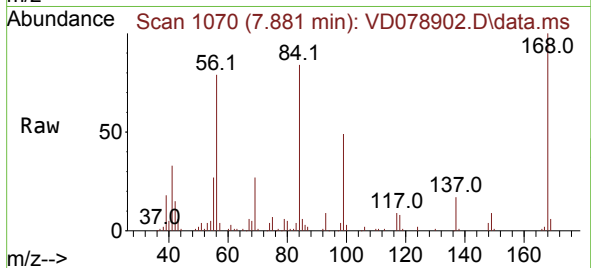
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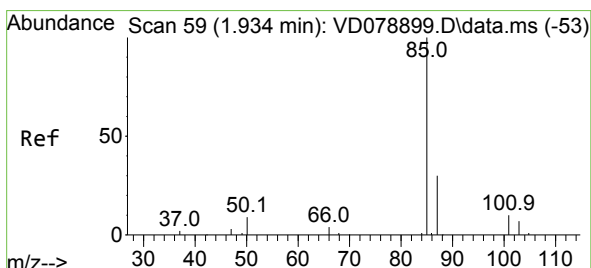
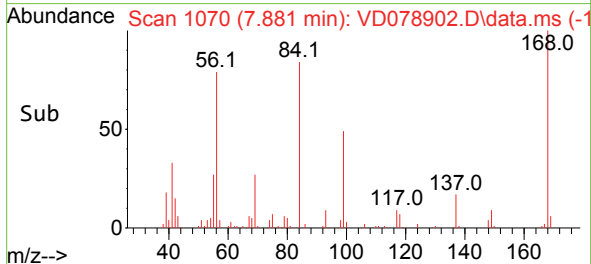
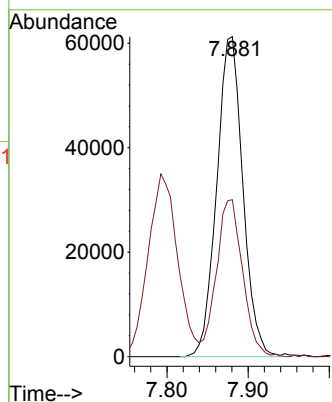


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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ClientSampleId :

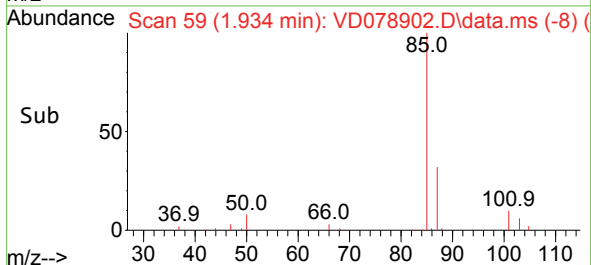
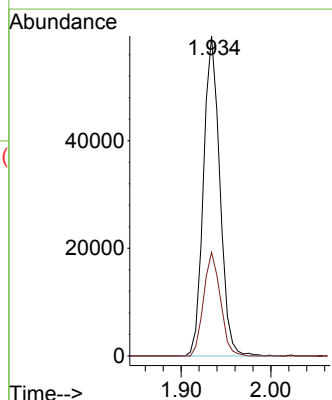
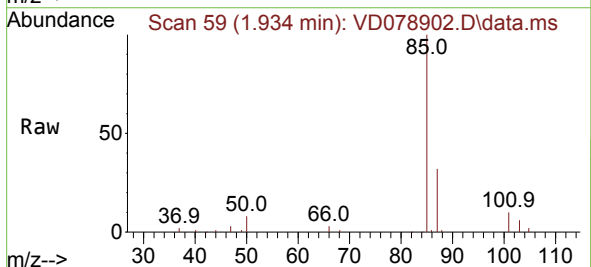


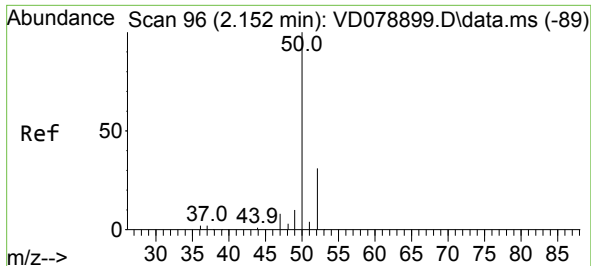
Tgt Ion:168 Resp: 137069
Ion Ratio Lower Upper
168 100
99 48.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 54.700 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 85 Resp: 75413
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.5

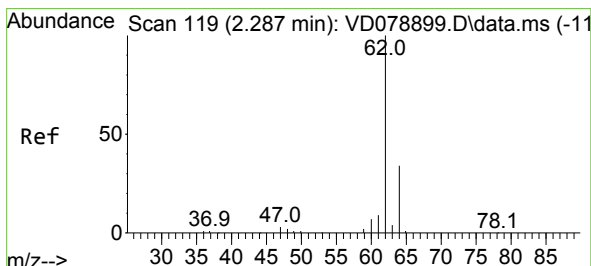
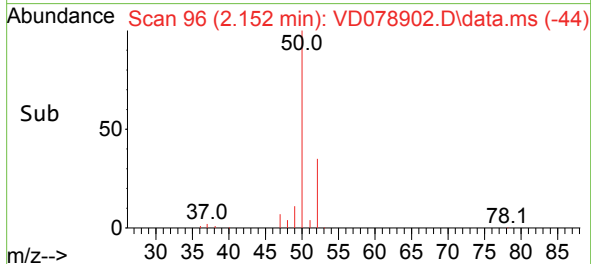
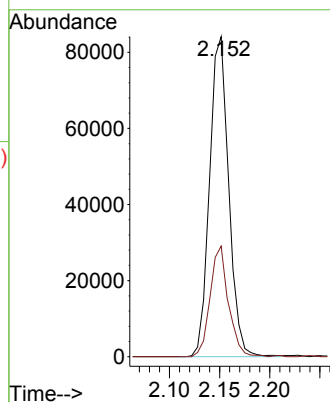
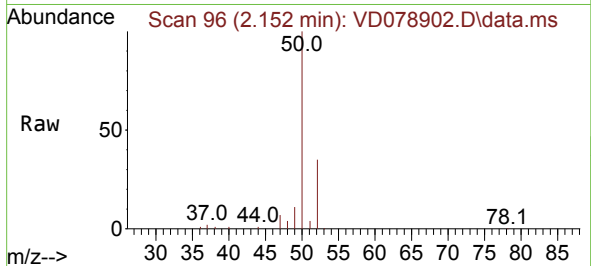




#3
Chloromethane
Concen: 55.119 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

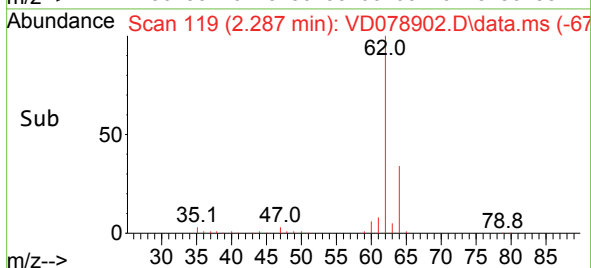
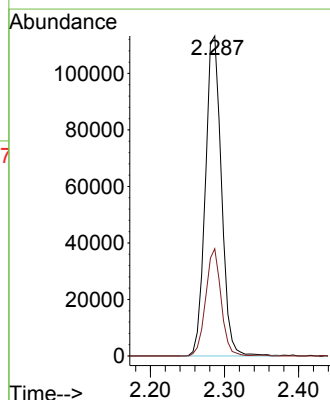
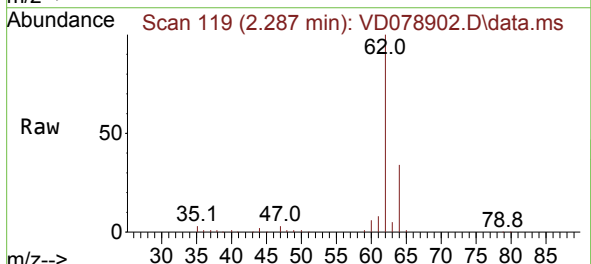
Instrument :
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ClientSampleId :

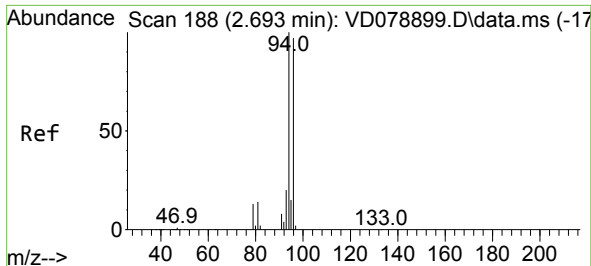
Tgt Ion: 50 Resp: 111956
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4



#4
Vinyl Chloride
Concen: 55.410 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 62 Resp: 170562
Ion Ratio Lower Upper
62 100
64 33.5 23.7 35.5

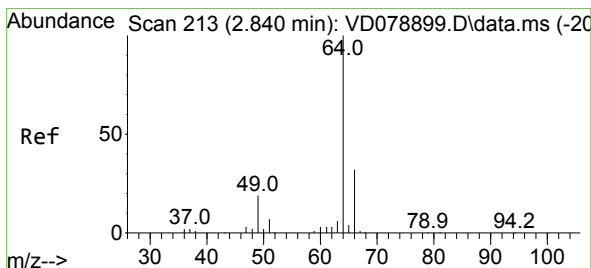
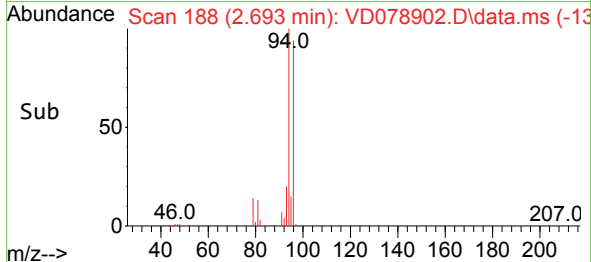
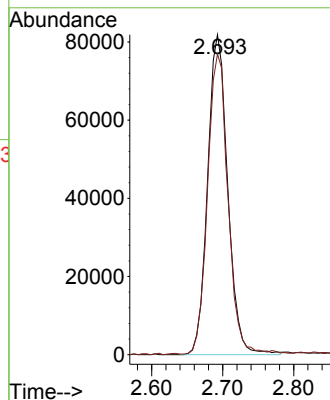
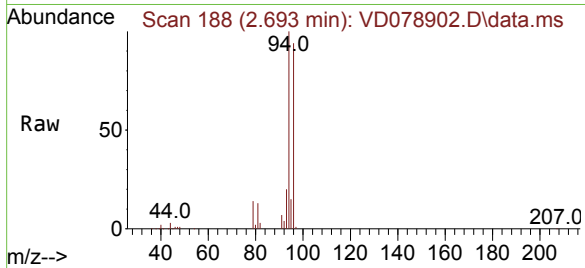




#5
Bromomethane
Concen: 54.336 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

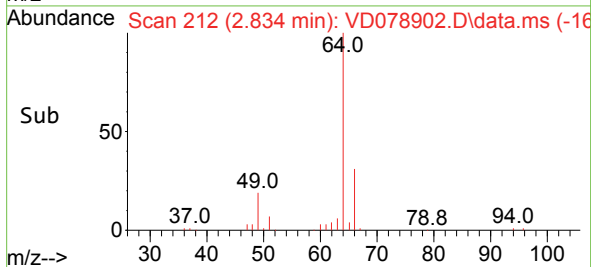
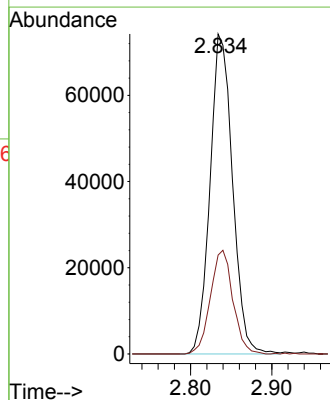
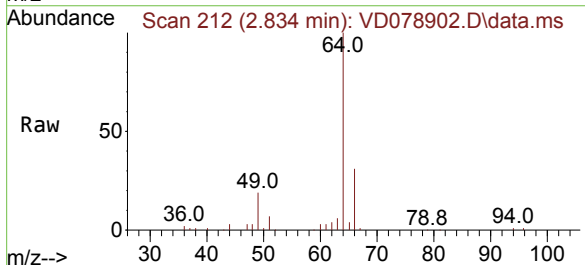
Instrument :
MSVOA_D
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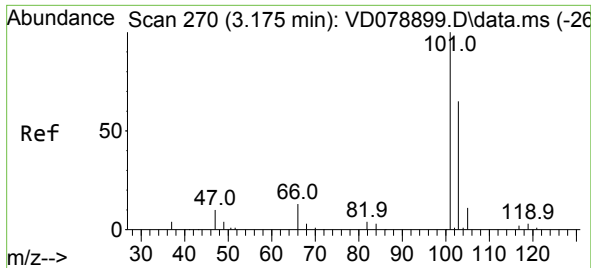
Tgt Ion: 94 Resp: 161572
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#6
Chloroethane
Concen: 56.235 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

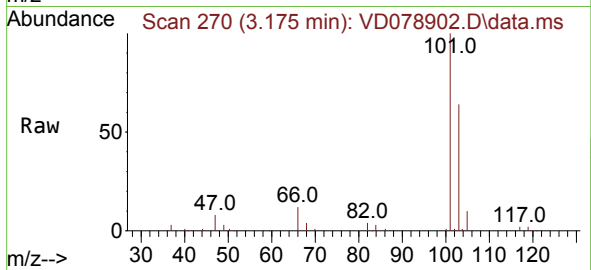
Tgt Ion: 64 Resp: 142851
Ion Ratio Lower Upper
64 100
66 30.9 26.8 40.2



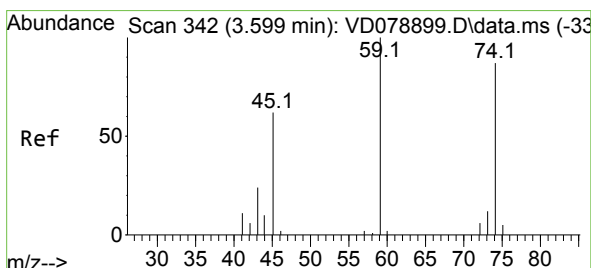
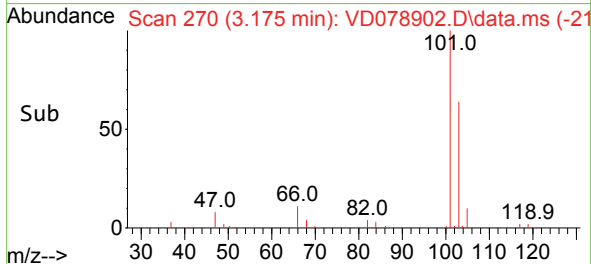
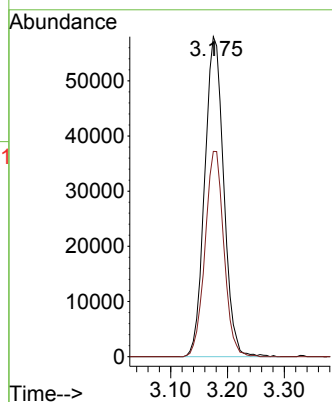


#7
 Trichlorofluoromethane
 Concen: 47.303 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

Instrument :
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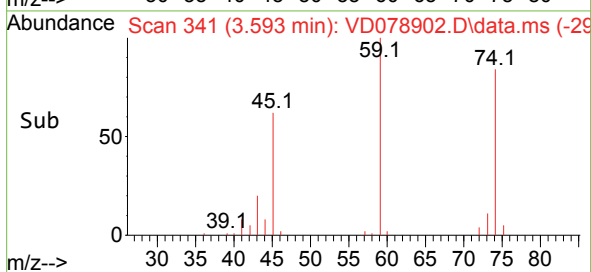
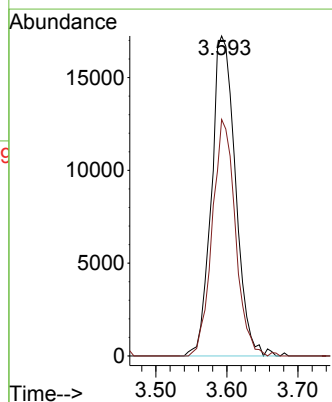
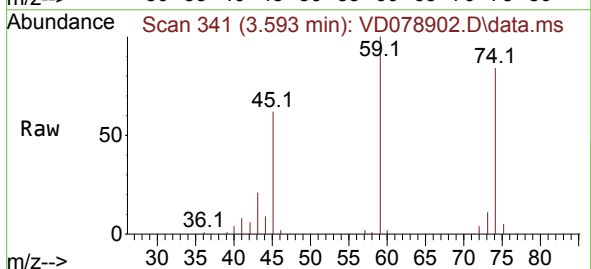


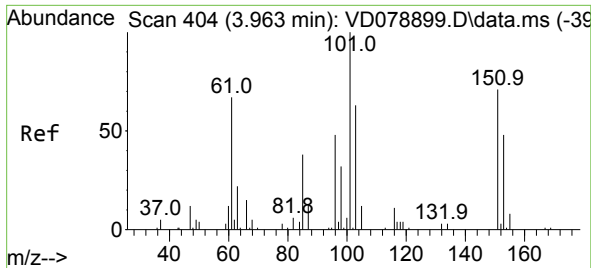
Tgt Ion:101 Resp: 134885
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.7 74.5



#8
 Diethyl Ether
 Concen: 55.089 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

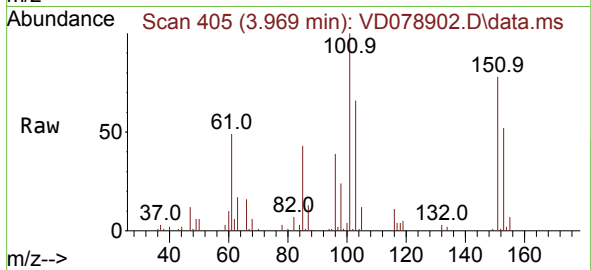
Tgt Ion: 74 Resp: 40415
 Ion Ratio Lower Upper
 74 100
 45 71.1 42.4 127.3



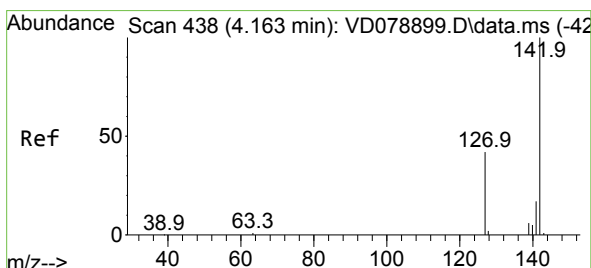
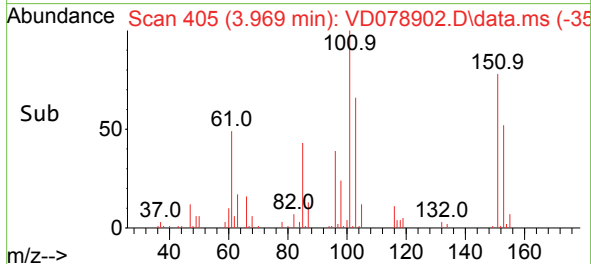
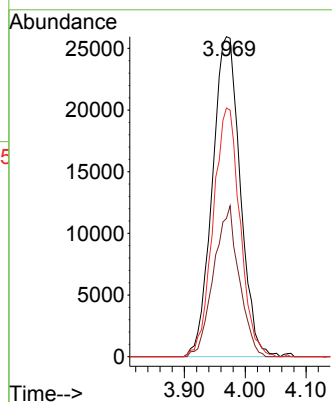


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.945 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

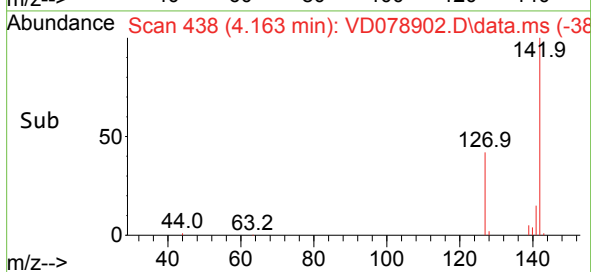
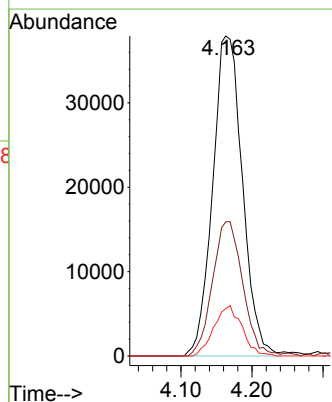
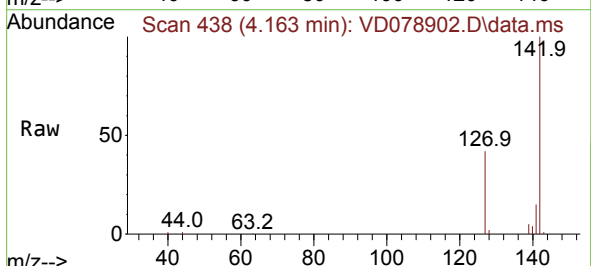


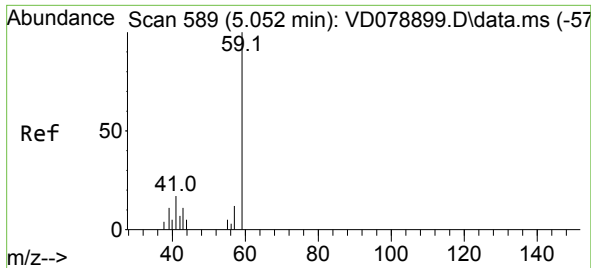
Tgt Ion:101 Resp: 82476
Ion Ratio Lower Upper
101 100
85 43.0 35.8 53.6
151 75.1 59.4 89.2



#10
Methyl Iodide
Concen: 58.165 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:142 Resp: 110114
Ion Ratio Lower Upper
142 100
127 42.6 33.5 50.3
141 14.8 11.7 17.5

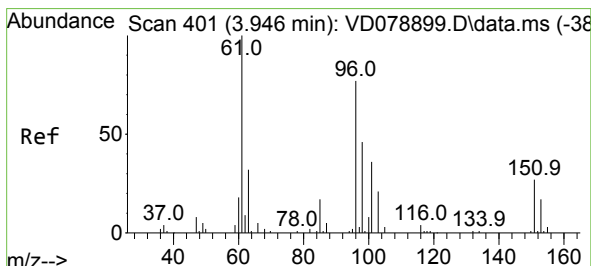
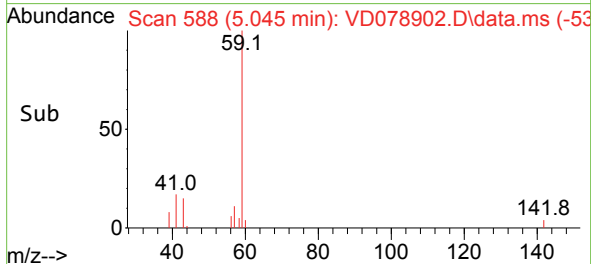
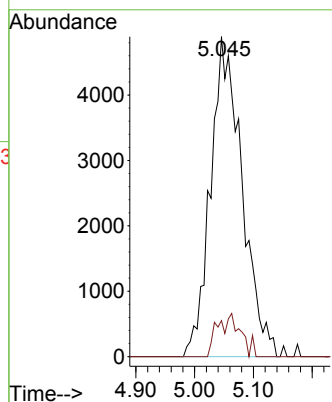
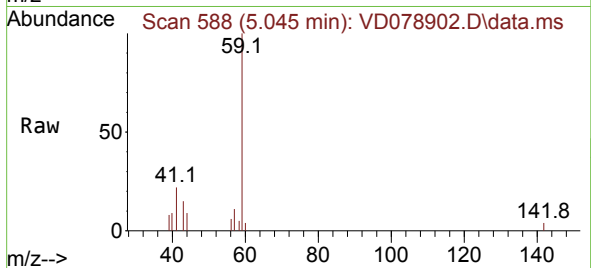




#11
Tert butyl alcohol
Concen: 283.150 ug/l
RT: 5.045 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

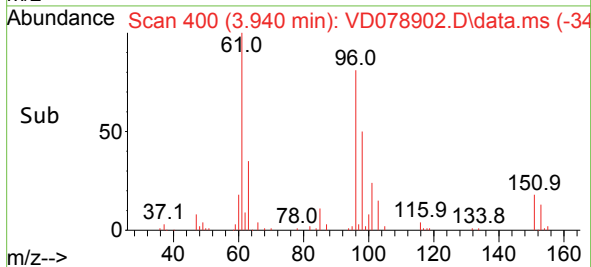
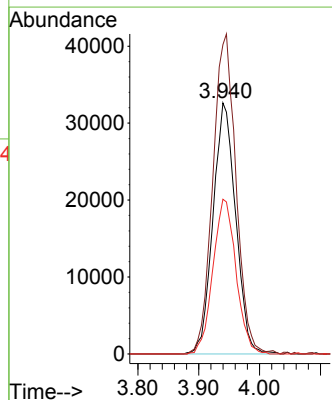
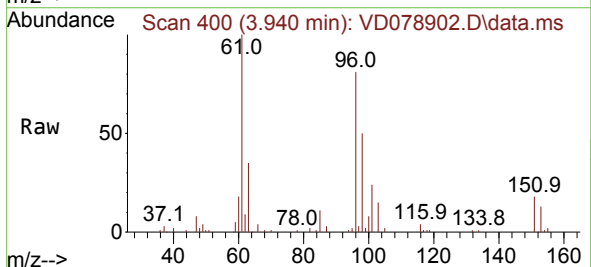
Instrument :
MSVOA_D
ClientSampleId :

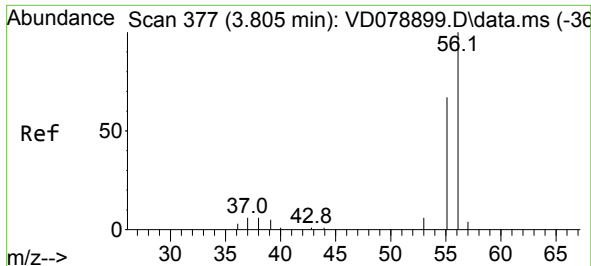
Tgt Ion: 59 Resp: 18143
Ion Ratio Lower Upper
59 100
57 5.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 53.900 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 96 Resp: 84332
Ion Ratio Lower Upper
96 100
61 123.2 101.4 152.0
98 61.6 43.4 65.0





#13

Acrolein

Concen: 256.432 ug/l

RT: 3.798 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

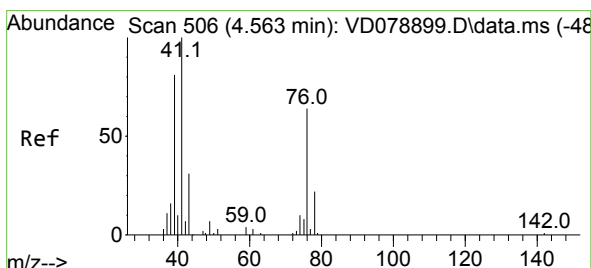
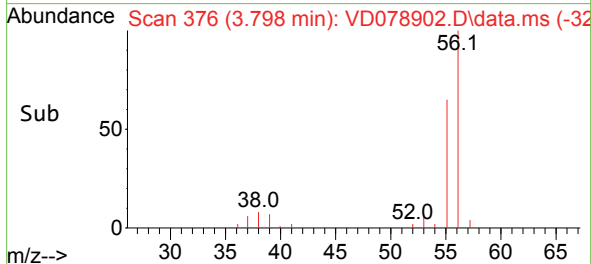
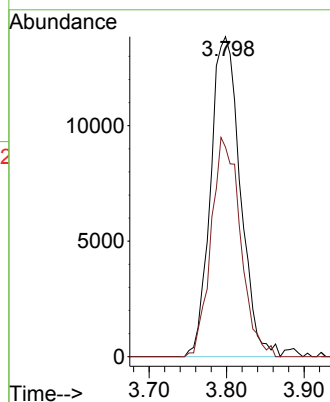
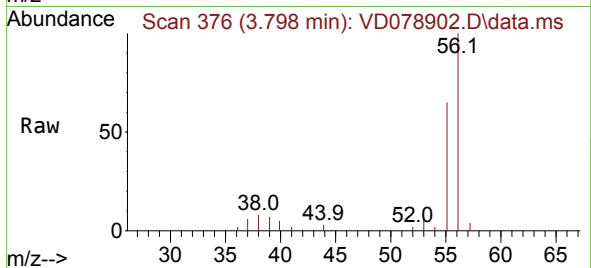
ClientSampleId :

Tgt Ion: 56 Resp: 36954

Ion Ratio Lower Upper

56 100

55 67.5 54.9 82.3



#14

Allyl chloride

Concen: 57.476 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.005 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

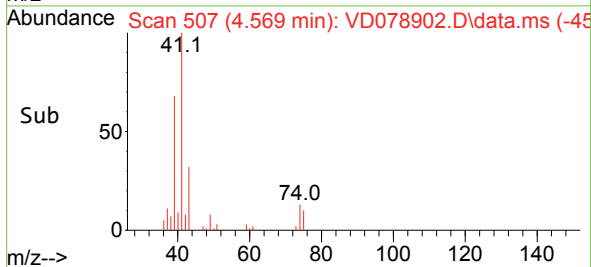
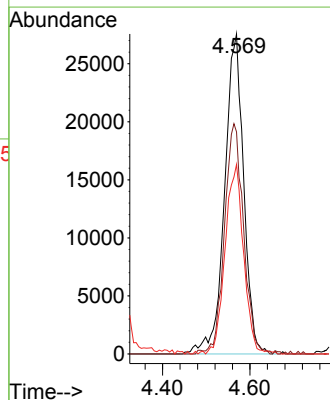
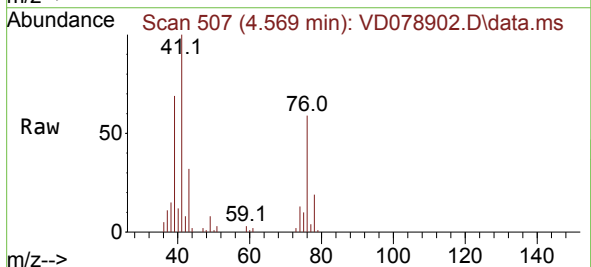
Tgt Ion: 41 Resp: 83254

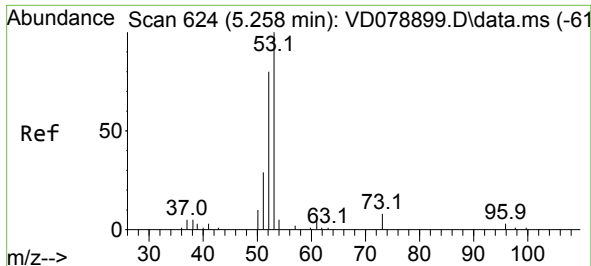
Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.6

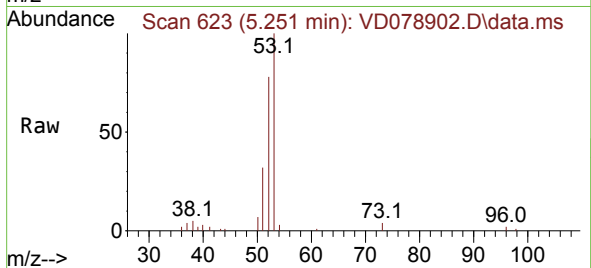
76 57.6 44.8 67.2



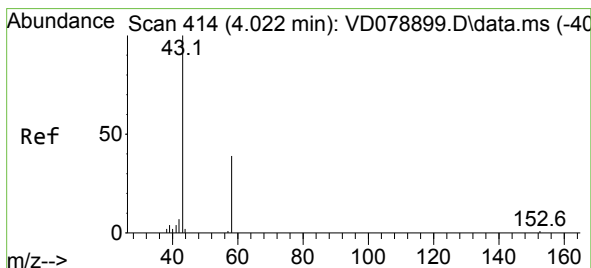
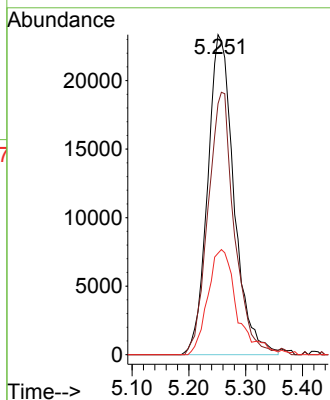
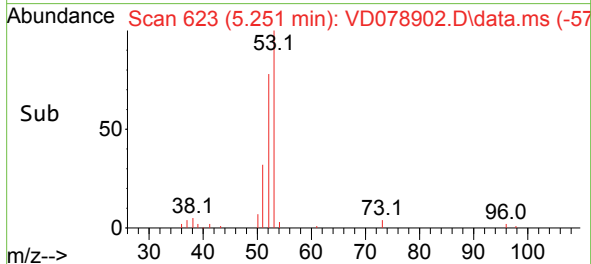


#15
Acrylonitrile
Concen: 292.806 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

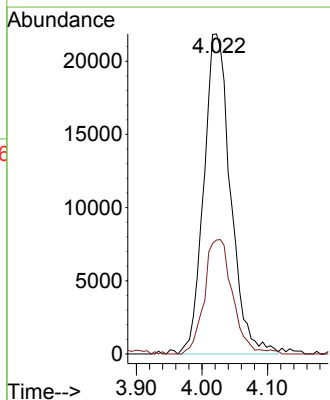
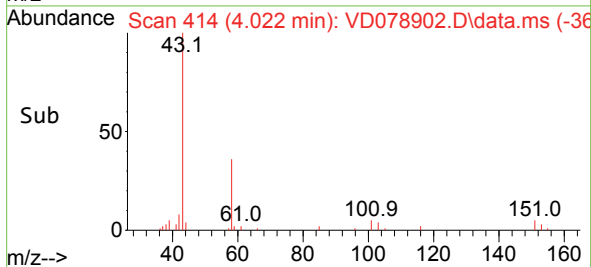
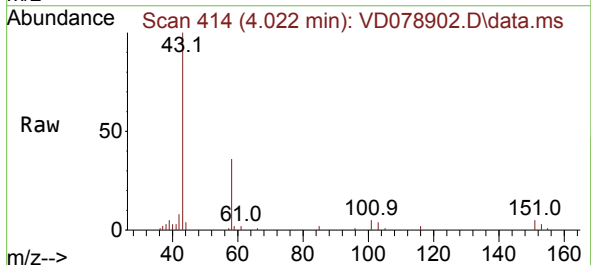


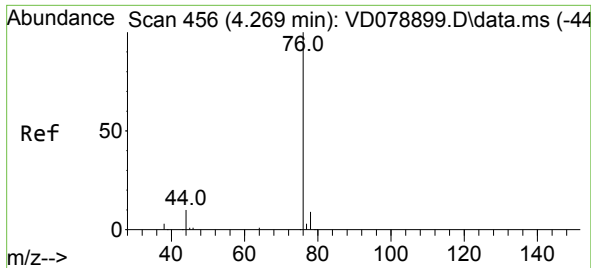
Tgt Ion: 53 Resp: 75125
Ion Ratio Lower Upper
53 100
52 81.7 61.9 92.9
51 36.3 29.0 43.4



#16
Acetone
Concen: 255.306 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 43 Resp: 62030
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.4

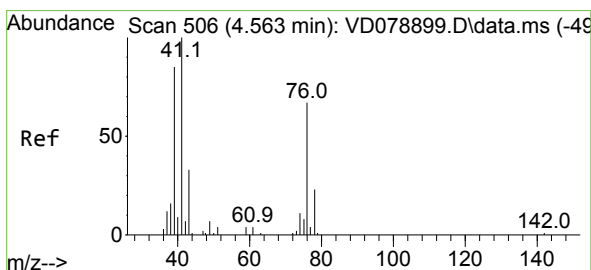
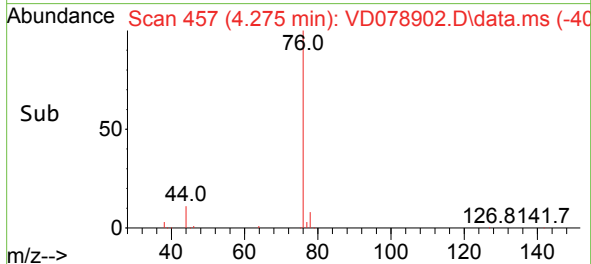
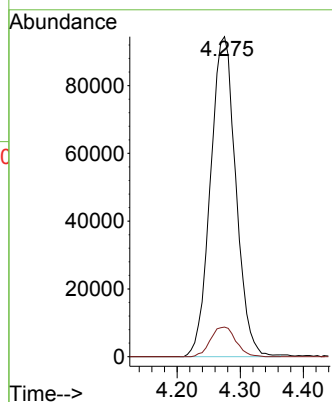
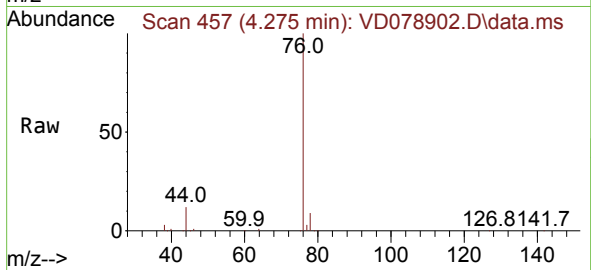




#17
Carbon Disulfide
Concen: 51.417 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

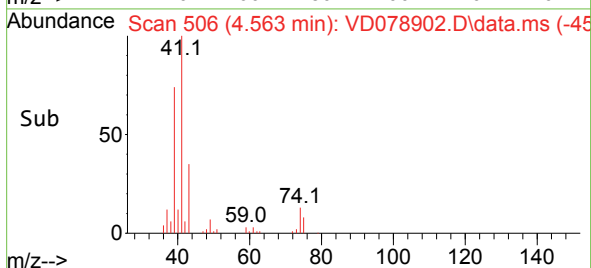
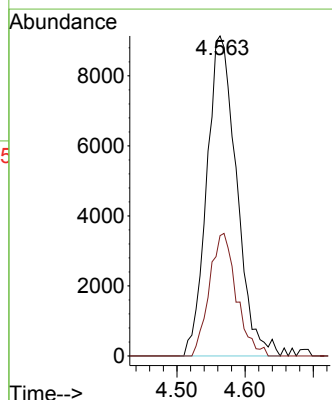
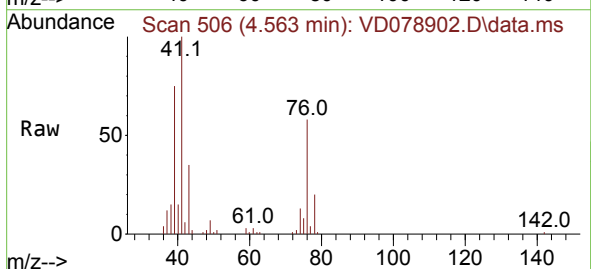
Instrument :
MSVOA_D
ClientSampleId :

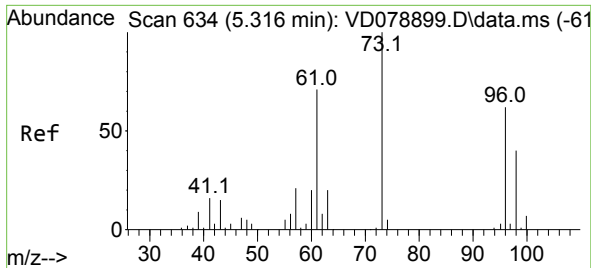
Tgt Ion: 76 Resp: 263925
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 59.300 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 43 Resp: 27805
Ion Ratio Lower Upper
43 100
74 34.8 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 61.690 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

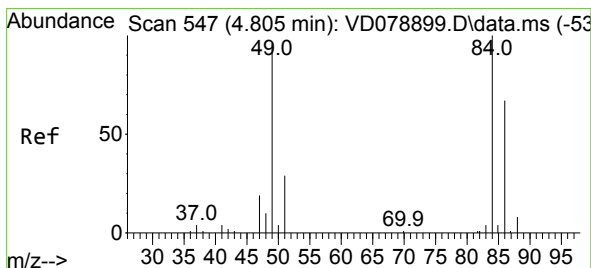
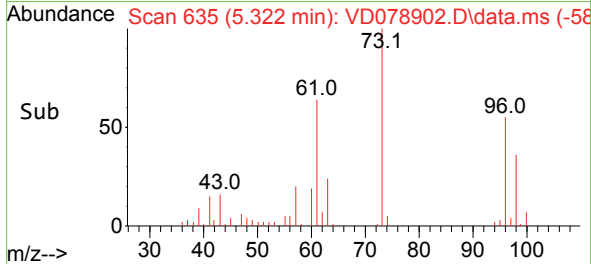
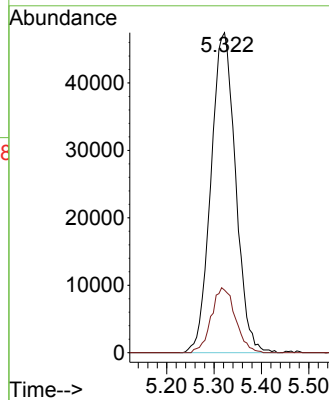
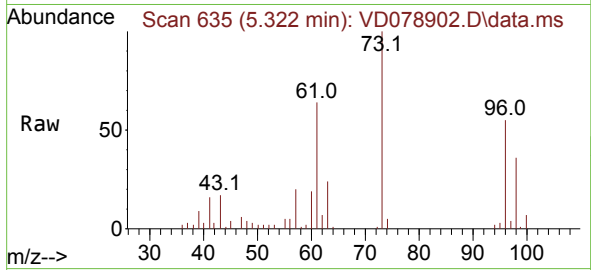
ClientSampleId :

Tgt Ion: 73 Resp: 171472

Ion Ratio Lower Upper

73 100

57 19.6 16.4 24.6



#20

Methylene Chloride

Concen: 55.910 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.005 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Tgt Ion: 84 Resp: 103407

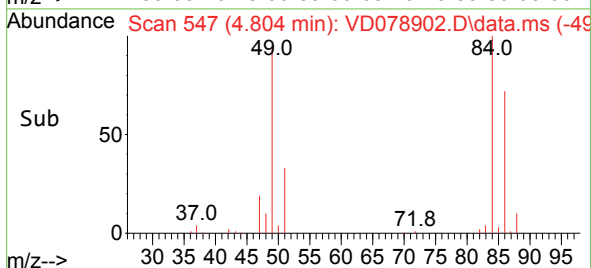
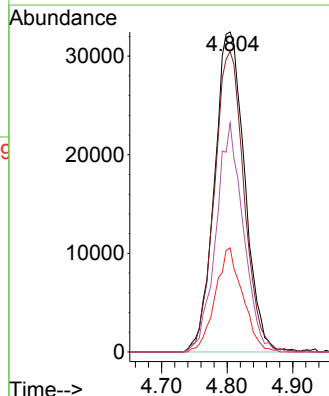
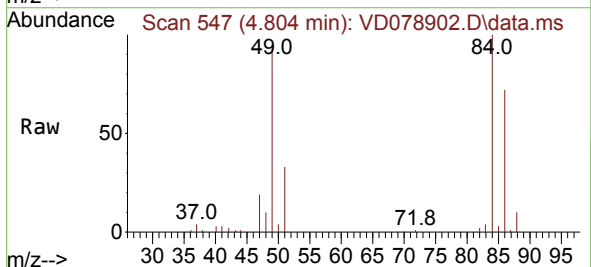
Ion Ratio Lower Upper

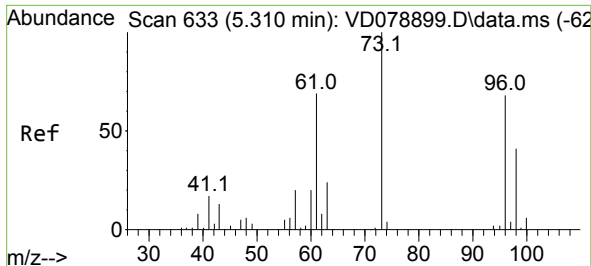
84 100

49 93.9 75.6 113.4

51 32.5 23.4 35.0

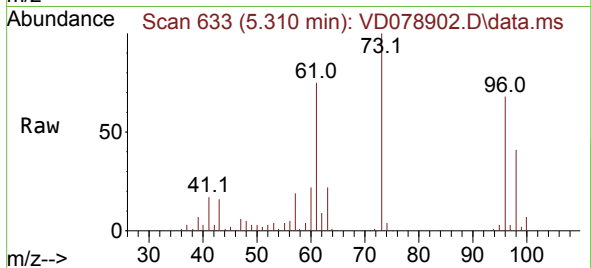
86 71.5 47.8 71.6



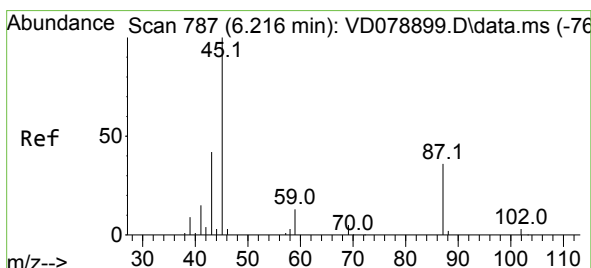
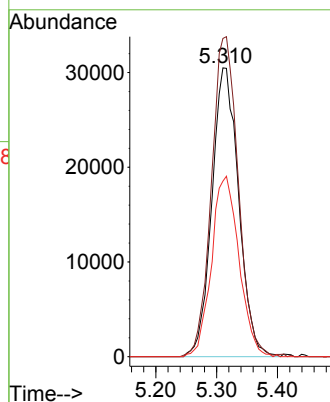
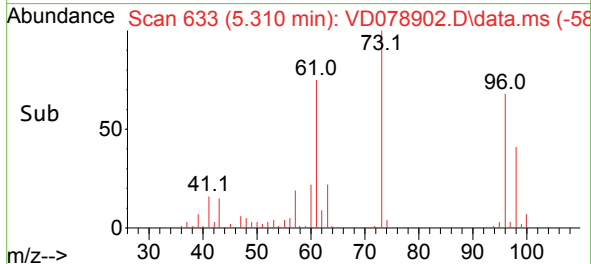


#21
trans-1,2-Dichloroethene
Concen: 57.546 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

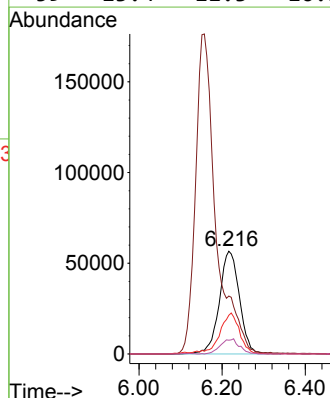
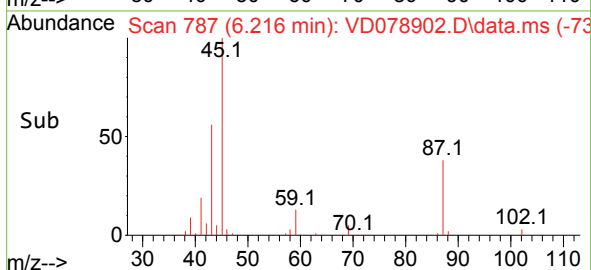
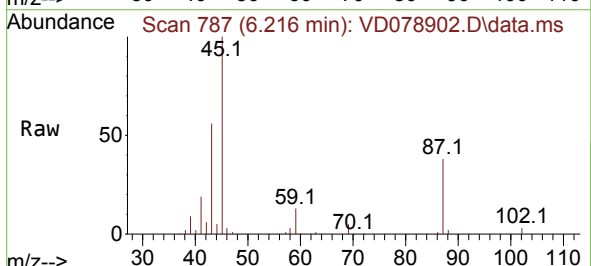


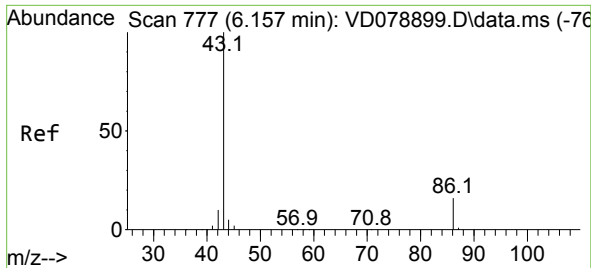
Tgt Ion: 96 Resp: 93035
Ion Ratio Lower Upper
96 100
61 110.2 96.1 144.1
98 60.8 48.9 73.3



#22
Diisopropyl ether
Concen: 60.074 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 45 Resp: 190233
Ion Ratio Lower Upper
45 100
43 55.6 44.3 66.5
87 37.4 28.3 42.5
59 13.4 11.3 16.9

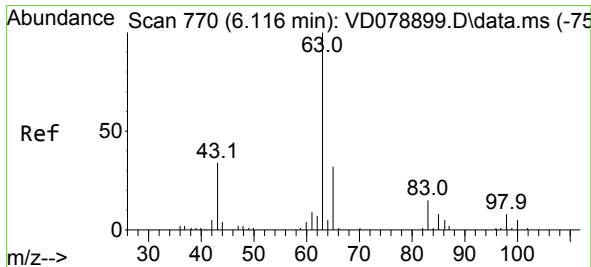
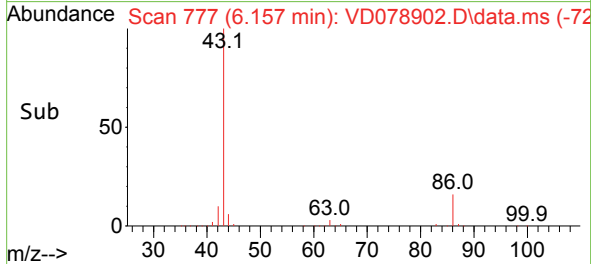
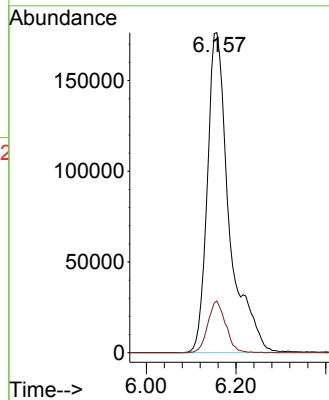
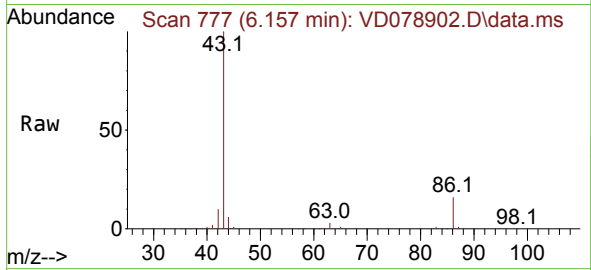




#23
 Vinyl Acetate
 Concen: 314.066 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

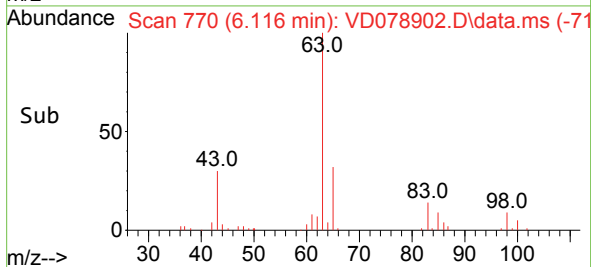
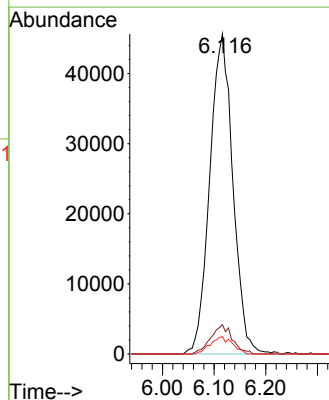
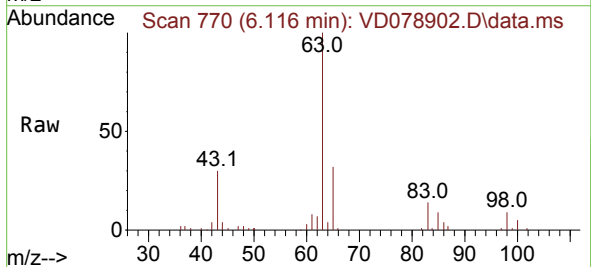
Instrument :
 MSVOA_D
 ClientSampleId :

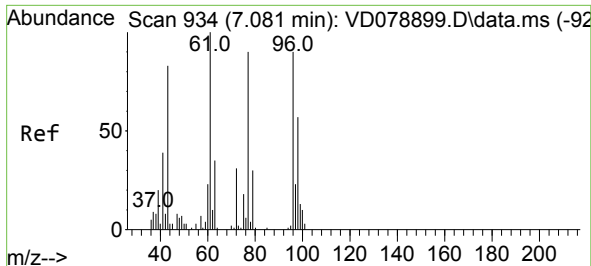
Tgt Ion: 43 Resp: 598815
 Ion Ratio Lower Upper
 43 100
 86 16.1 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 57.736 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.005 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

Tgt Ion: 63 Resp: 141869
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.0 11.9
 100 5.4 2.7 8.1

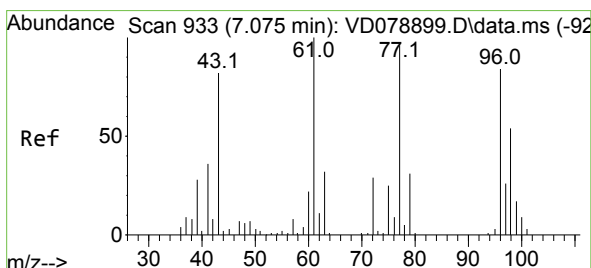
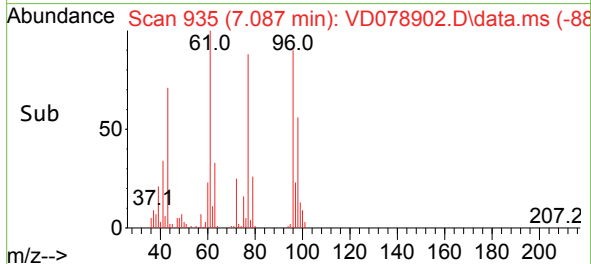
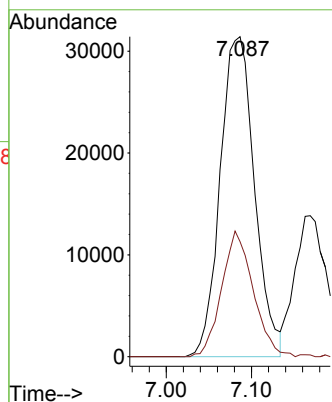
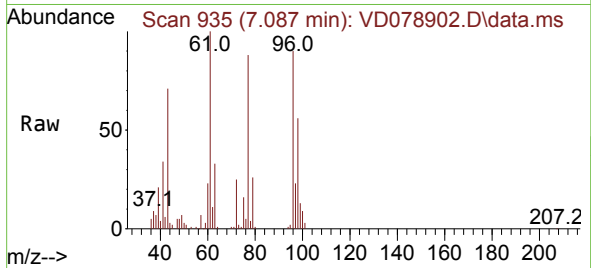




#25
2-Butanone
Concen: 295.831 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

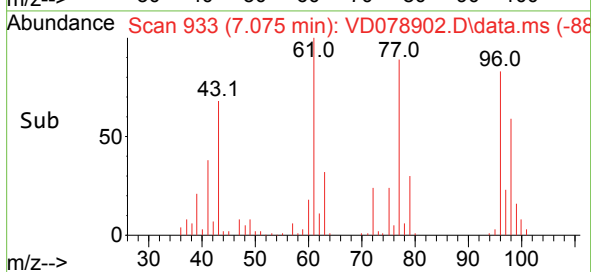
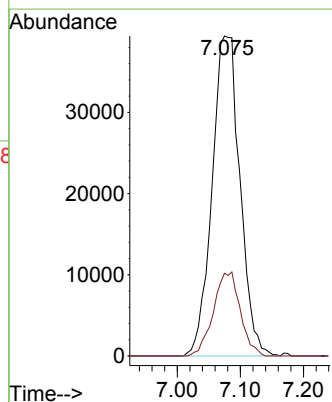
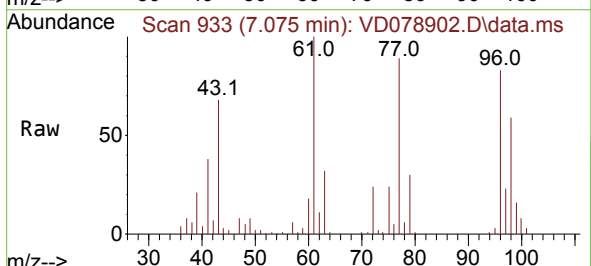
Instrument :
MSVOA_D
ClientSampleId :

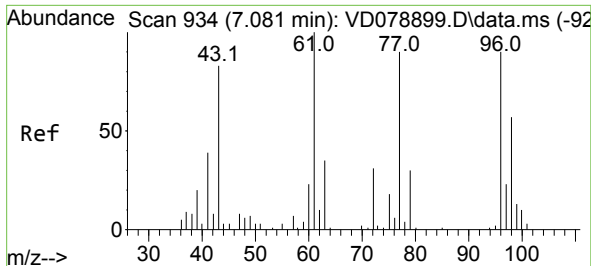
Tgt Ion: 43 Resp: 88028
Ion Ratio Lower Upper
43 100
72 35.9 25.0 37.6



#26
2,2-Dichloropropane
Concen: 54.424 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 77 Resp: 120919
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 58.152 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

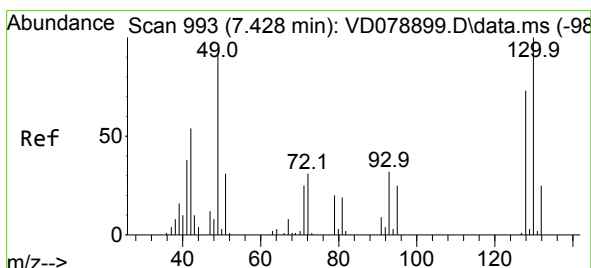
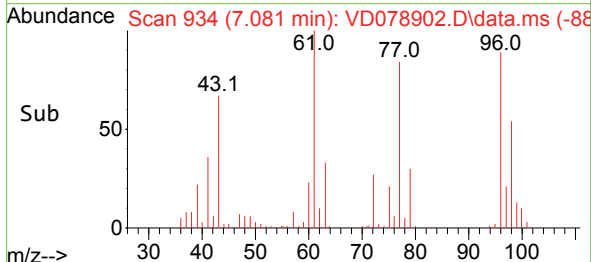
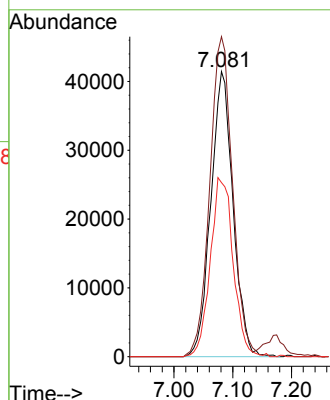
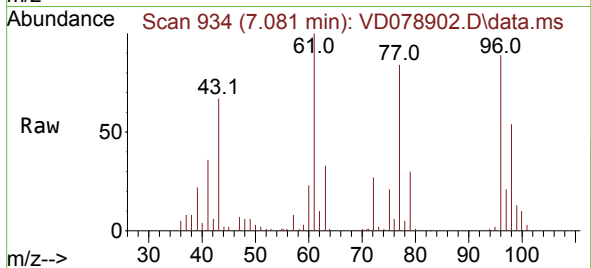
Tgt Ion: 96 Resp: 108891

Ion Ratio Lower Upper

96 100

61 114.5 0.0 245.0

98 64.4 0.0 126.6



#28

Bromochloromethane

Concen: 55.409 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

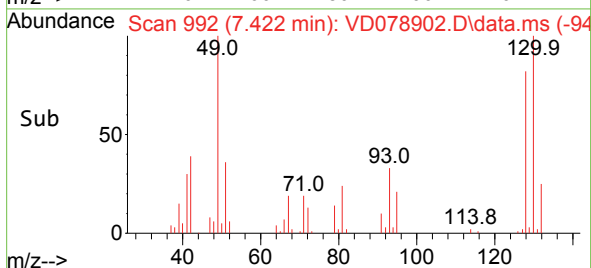
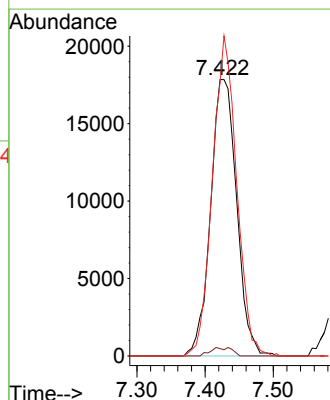
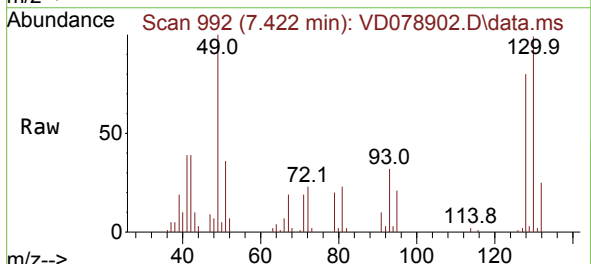
Tgt Ion: 49 Resp: 47510

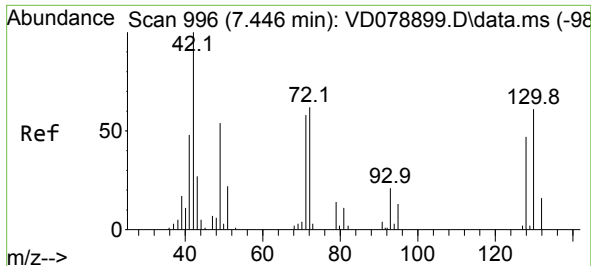
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.2

130 107.5 77.1 115.7





#29

Tetrahydrofuran

Concen: 307.293 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

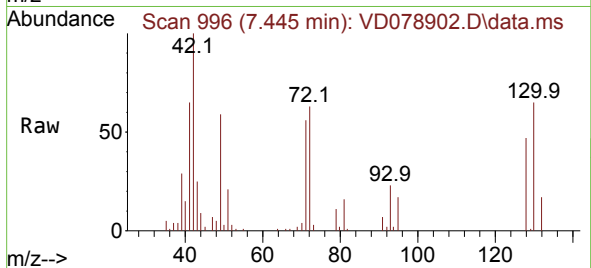
Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



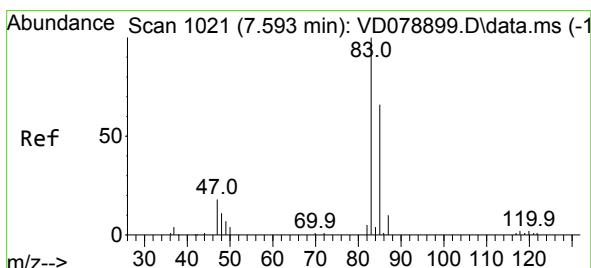
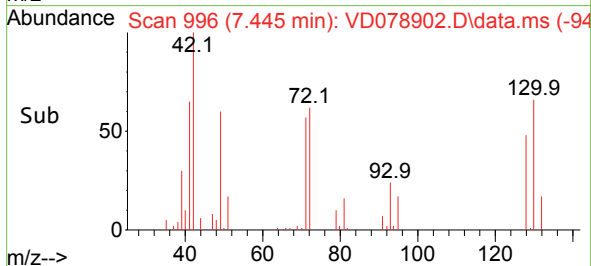
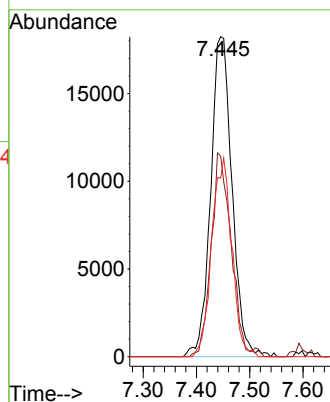
Tgt Ion: 42 Resp: 50867

Ion Ratio Lower Upper

42 100

72 59.4 43.8 65.6

71 58.4 42.0 63.0



#30

Chloroform

Concen: 56.336 ug/l

RT: 7.592 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078902.D

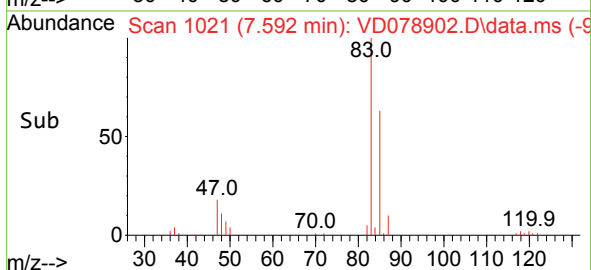
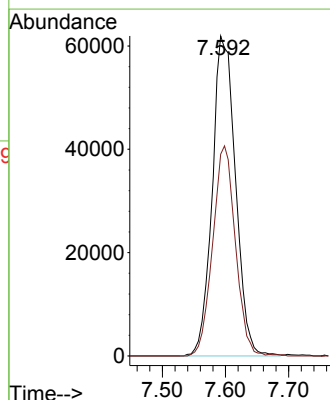
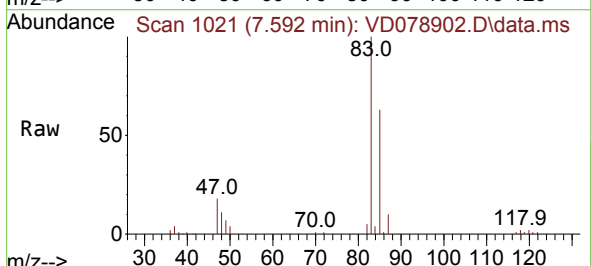
Acq: 10 May 2024 19:02

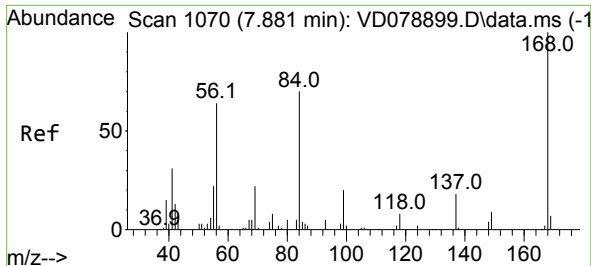
Tgt Ion: 83 Resp: 158262

Ion Ratio Lower Upper

83 100

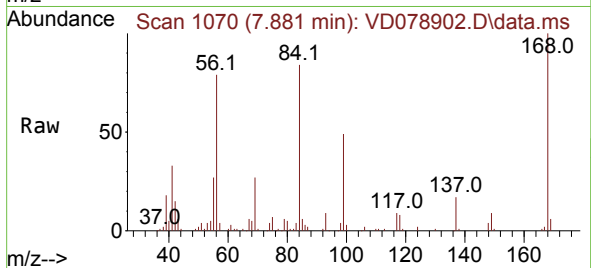
85 63.1 51.2 76.8



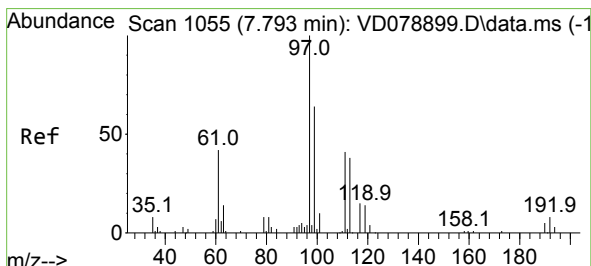
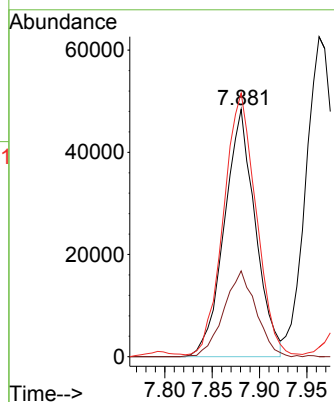
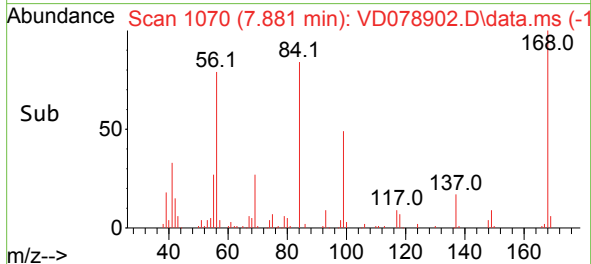


#31
Cyclohexane
Concen: 54.574 ug/l
RT: 7.881 min Scan# 110215
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

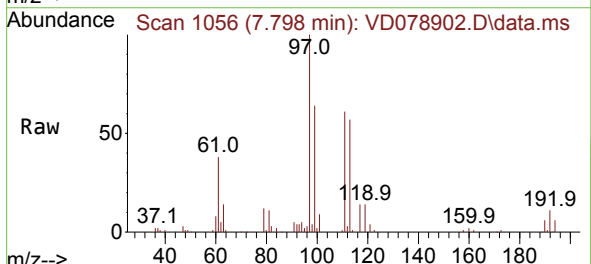
Instrument :
MSVOA_D
ClientSampleId :



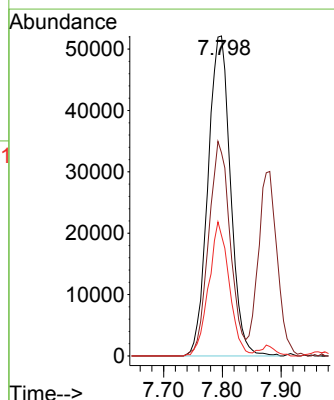
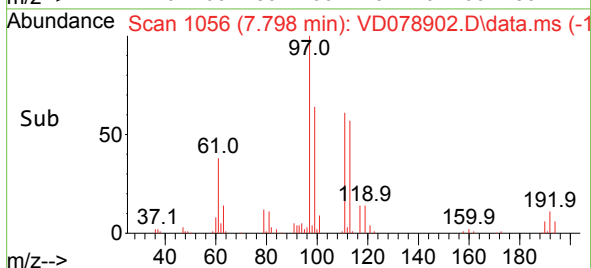
Tgt Ion: 56 Resp: 110215
Ion Ratio Lower Upper
56 100
69 34.7 26.6 40.0
84 105.6 79.4 119.2

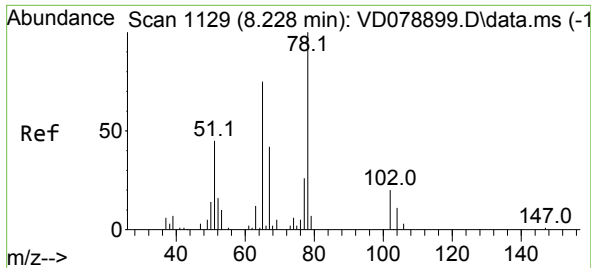


#32
1,1,1-Trichloroethane
Concen: 56.168 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02



Tgt Ion: 97 Resp: 138800
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 38.1 33.0 49.6

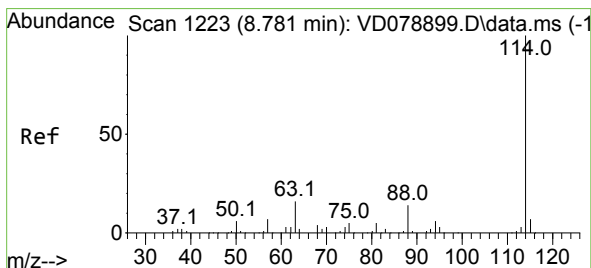
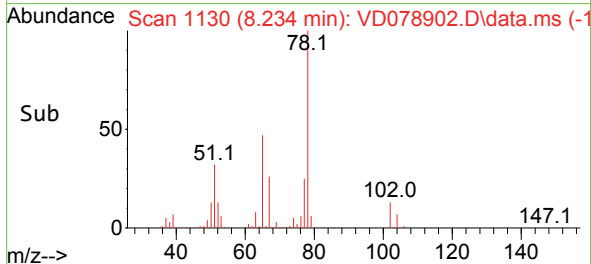
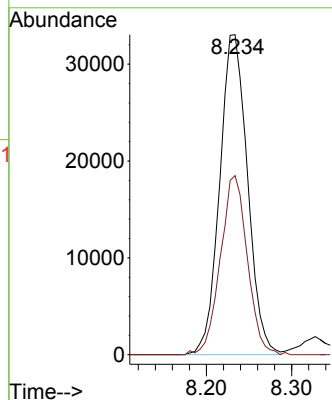
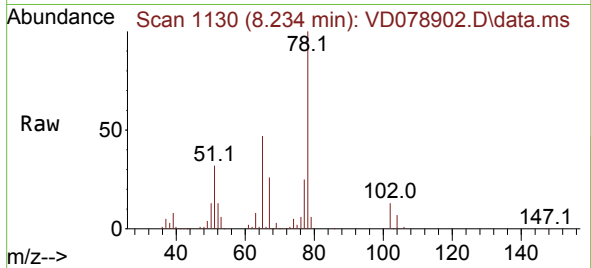




#33
 1,2-Dichloroethane-d4
 Concen: 60.619 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.005 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

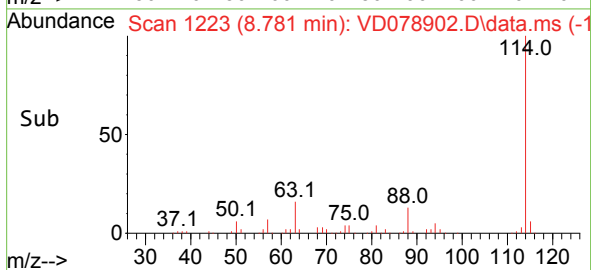
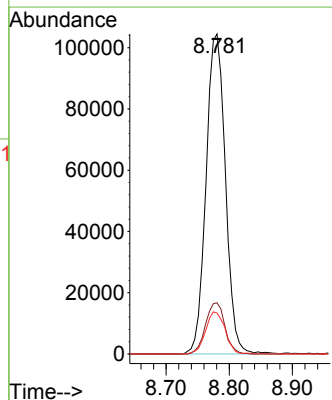
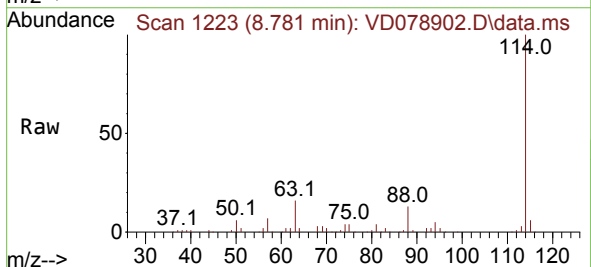
Instrument :
 MSVOA_D
 ClientSampleId :

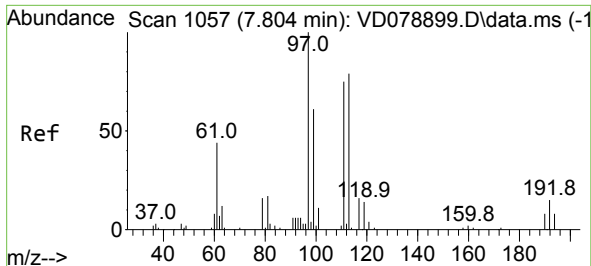
Tgt Ion: 65 Resp: 74951
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

Tgt Ion: 114 Resp: 222599
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 33.4
 88 12.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 59.152 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

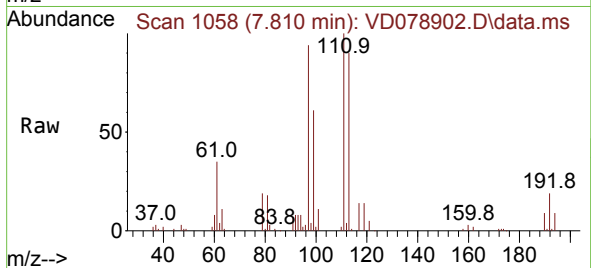
Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



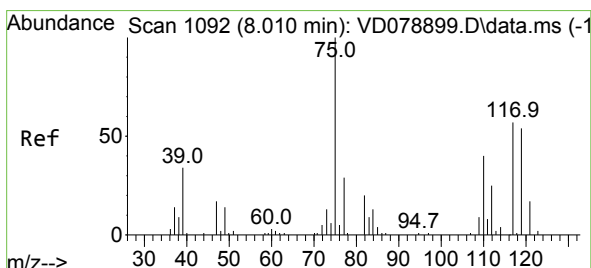
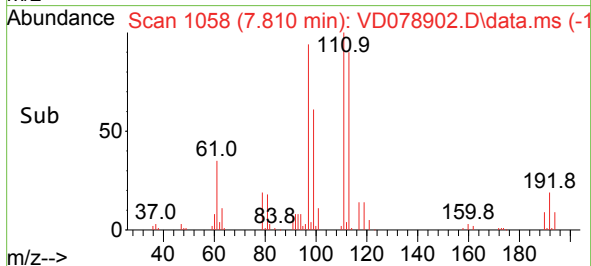
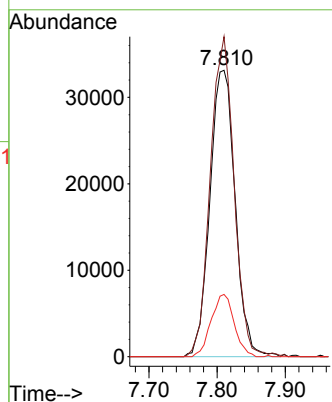
Tgt Ion:113 Resp: 85469

Ion Ratio Lower Upper

113 100

111 105.3 81.9 122.9

192 19.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 58.666 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

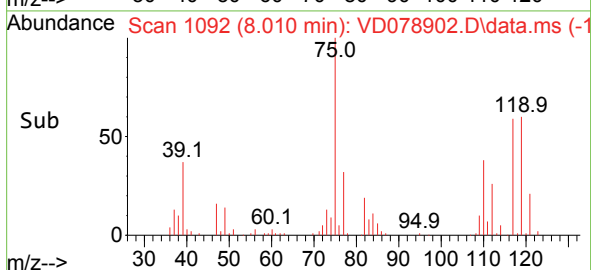
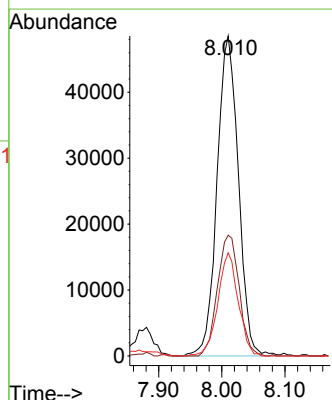
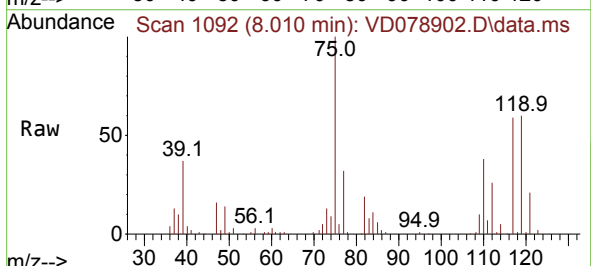
Tgt Ion: 75 Resp: 113887

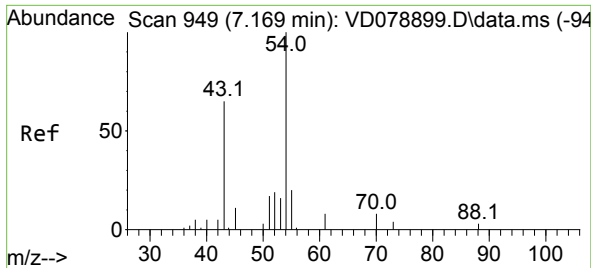
Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.1

77 30.8 25.4 38.2

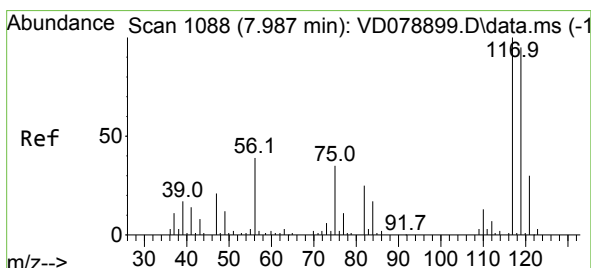
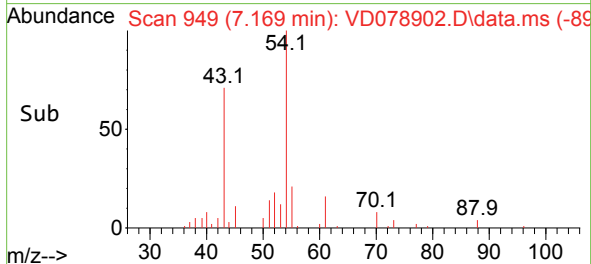
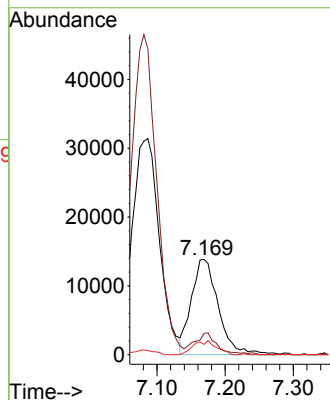
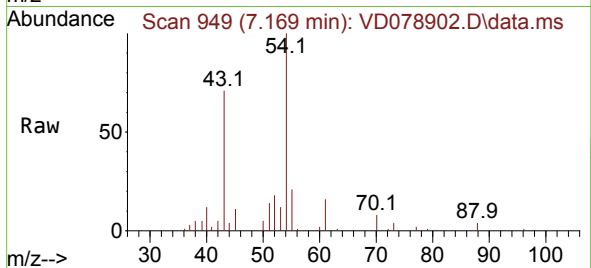




#37
Ethyl Acetate
Concen: 59.460 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

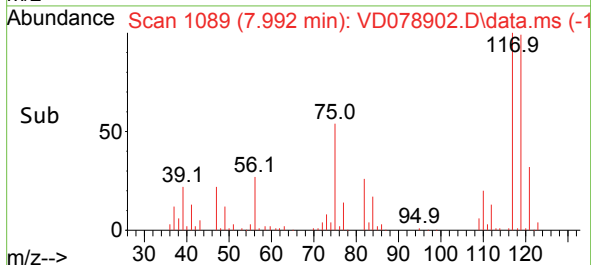
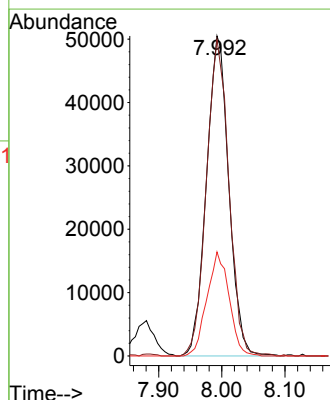
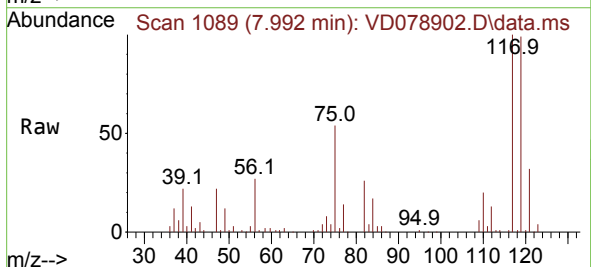
Instrument :
MSVOA_D
ClientSampleId :

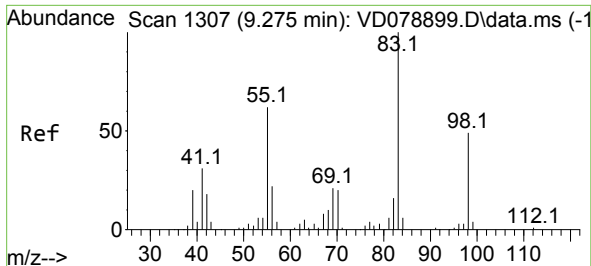
Tgt Ion: 43 Resp: 38089
Ion Ratio Lower Upper
43 100
61 19.3 14.6 21.8
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 54.561 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 117 Resp: 124375
Ion Ratio Lower Upper
117 100
119 98.8 79.2 118.8
121 32.5 26.8 40.2





#39

Methylcyclohexane

Concen: 59.121 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

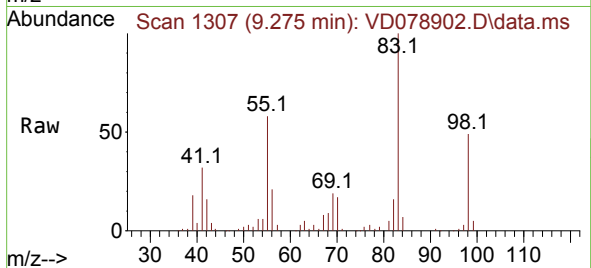
Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



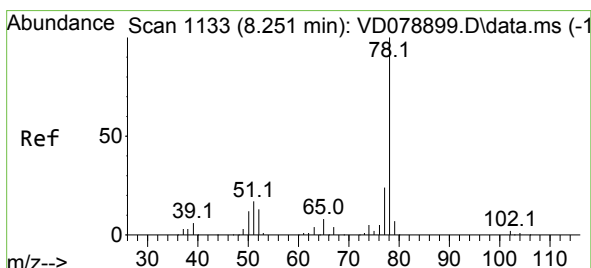
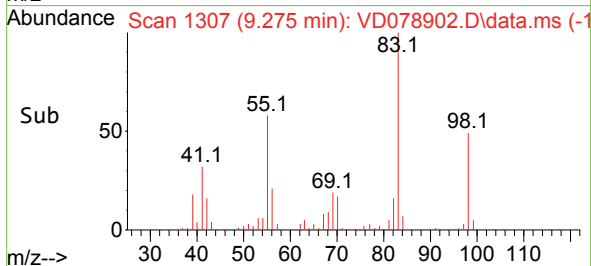
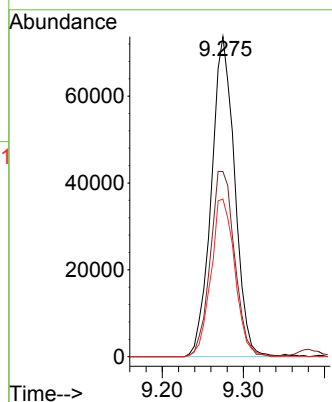
Tgt Ion: 83 Resp: 147134

Ion Ratio Lower Upper

83 100

55 57.8 51.7 77.5

98 49.2 41.4 62.0



#40

Benzene

Concen: 56.215 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078902.D

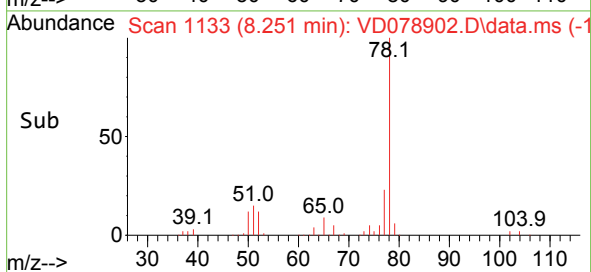
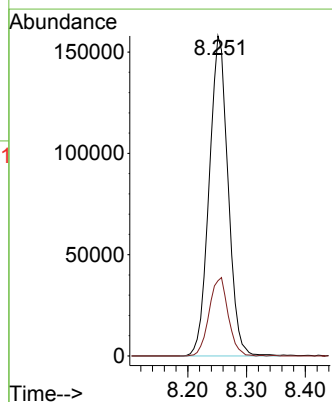
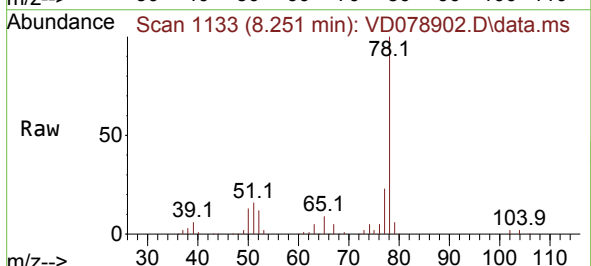
Acq: 10 May 2024 19:02

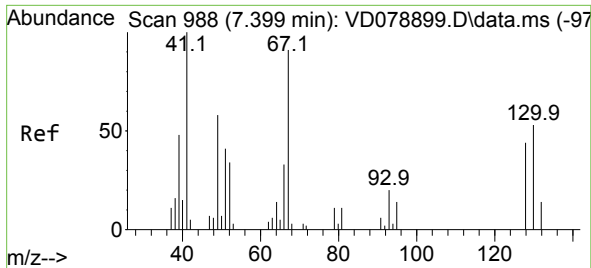
Tgt Ion: 78 Resp: 351897

Ion Ratio Lower Upper

78 100

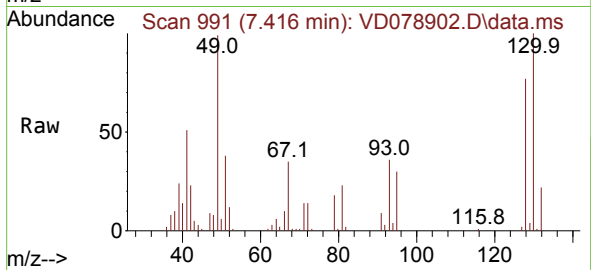
77 23.5 20.4 30.6



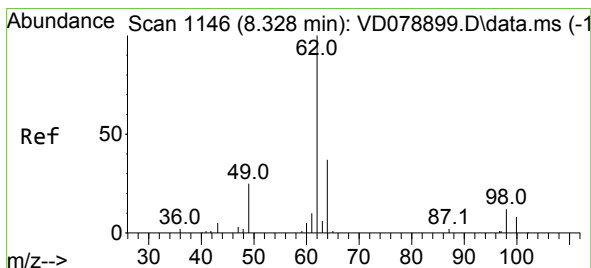
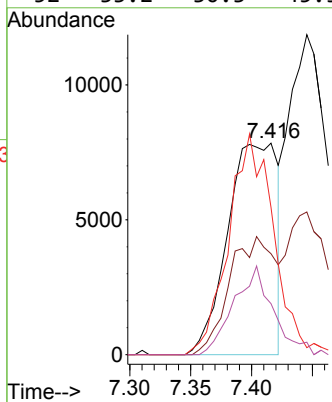
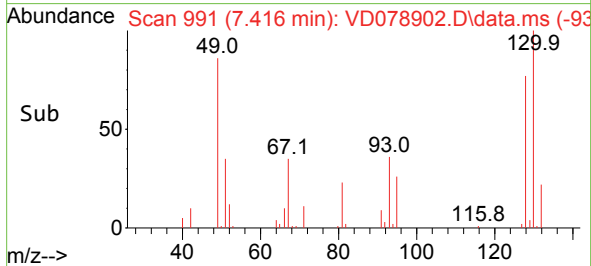


#41
Methacrylonitrile
Concen: 62.822 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

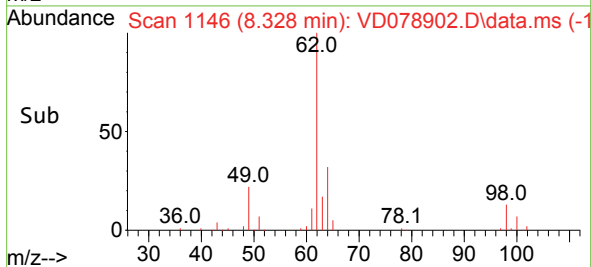
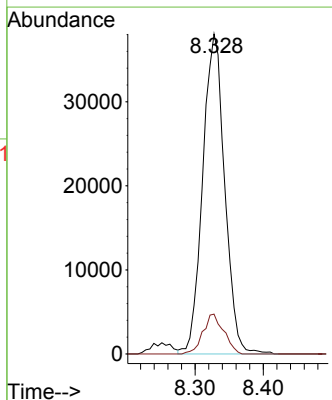
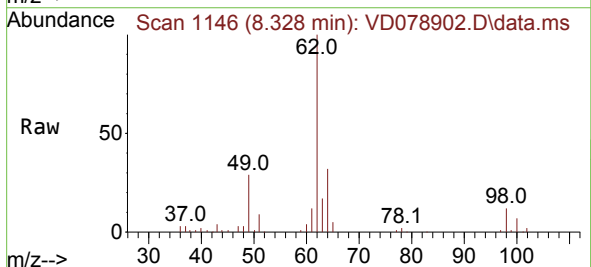


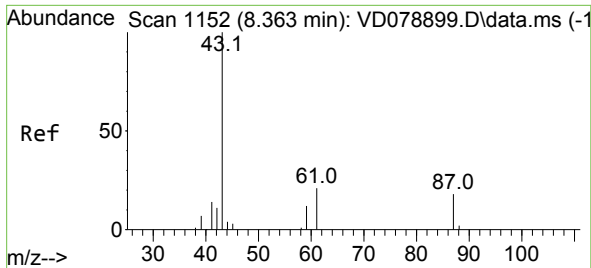
Tgt Ion:	41	Resp:	22307
Ion	Ratio	Lower	Upper
41	100		
39	51.0	39.8	59.6
67	94.3	83.5	125.3
52	33.2	30.3	45.5



#42
1,2-Dichloroethane
Concen: 58.647 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:	62	Resp:	85566
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	23.8

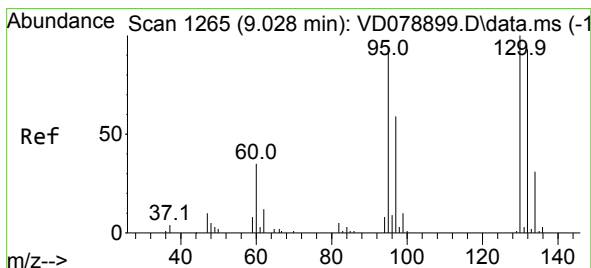
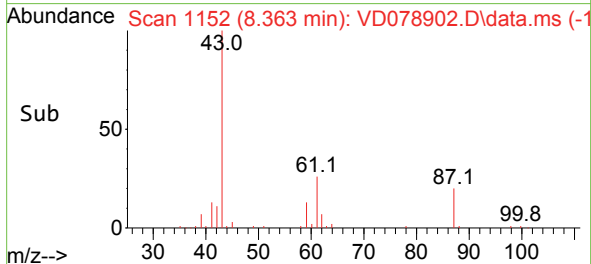
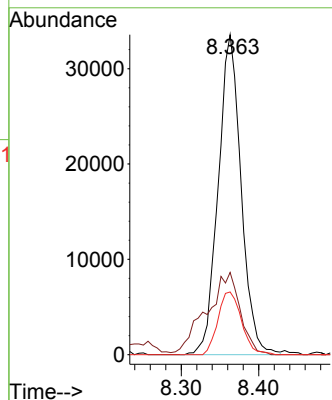
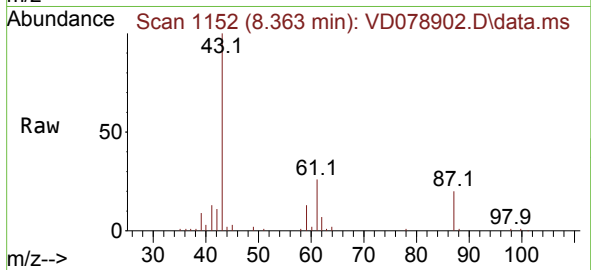




#43
Isopropyl Acetate
Concen: 57.977 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

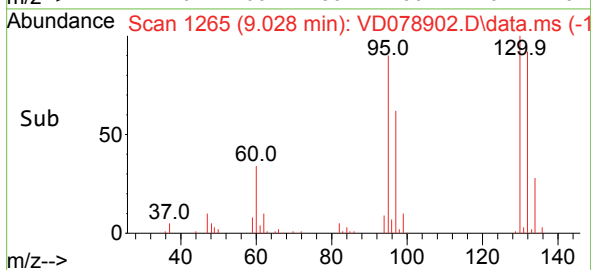
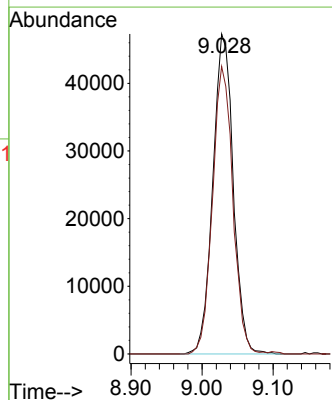
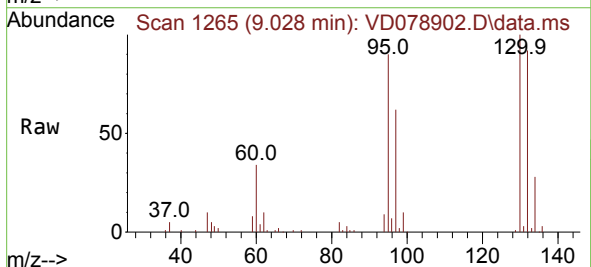
Instrument :
MSVOA_D
ClientSampleId :

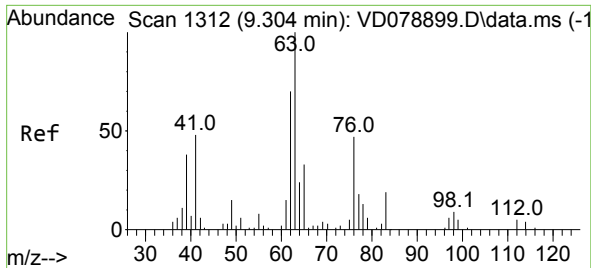
Tgt Ion: 43 Resp: 68977
Ion Ratio Lower Upper
43 100
61 37.9 30.1 45.1
87 20.2 14.4 21.6



#44
Trichloroethene
Concen: 56.573 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:130 Resp: 94385
Ion Ratio Lower Upper
130 100
95 89.9 0.0 197.8

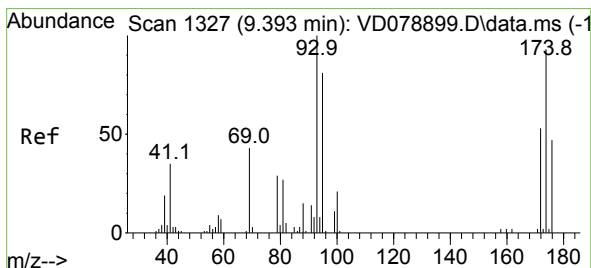
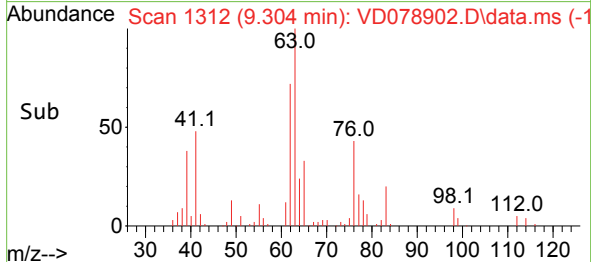
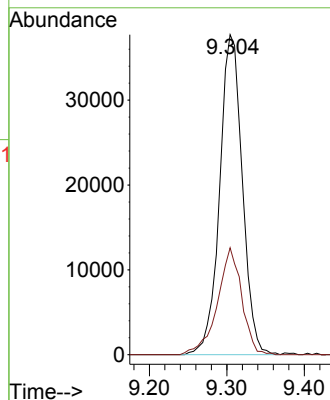
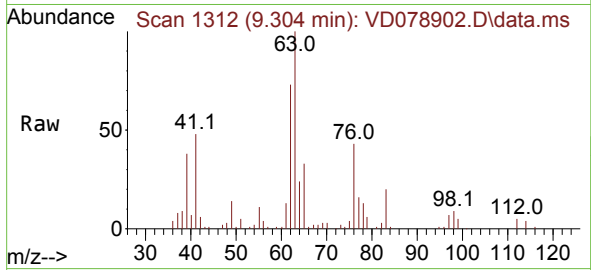




#45
1,2-Dichloropropane
Concen: 55.707 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

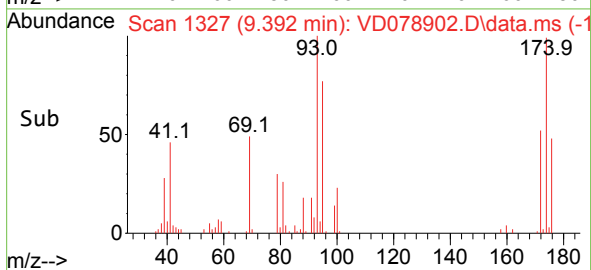
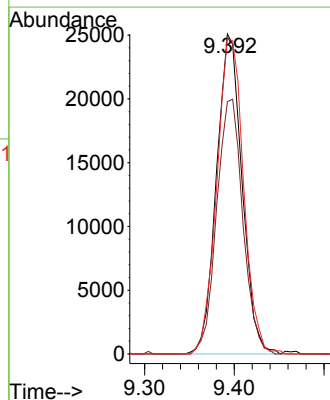
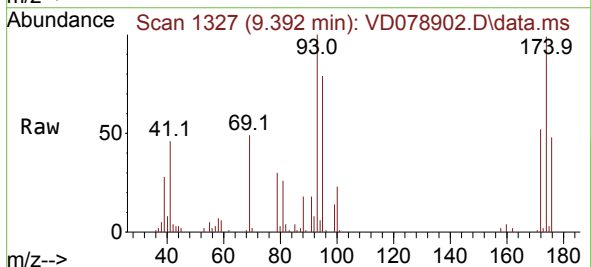
Instrument :
MSVOA_D
ClientSampleId :

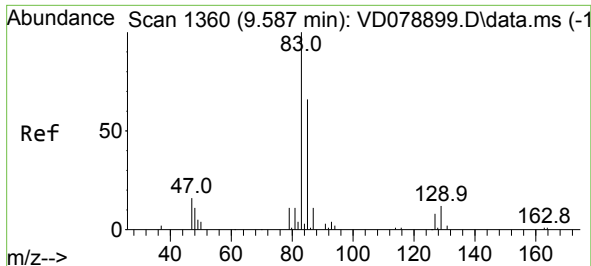
Tgt Ion: 63 Resp: 76817
Ion Ratio Lower Upper
63 100
65 33.4 24.8 37.2



#46
Dibromomethane
Concen: 56.604 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 93 Resp: 49537
Ion Ratio Lower Upper
93 100
95 81.6 67.3 100.9
174 103.3 80.9 121.3

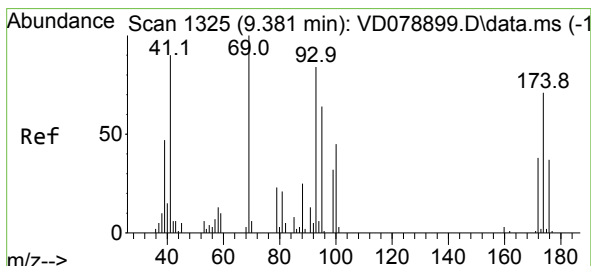
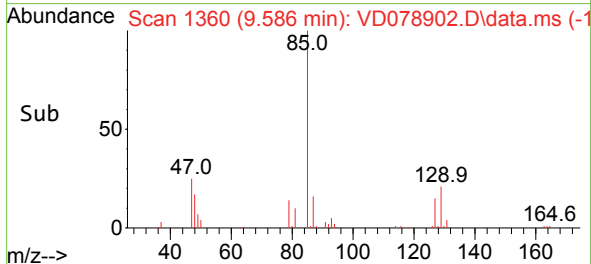
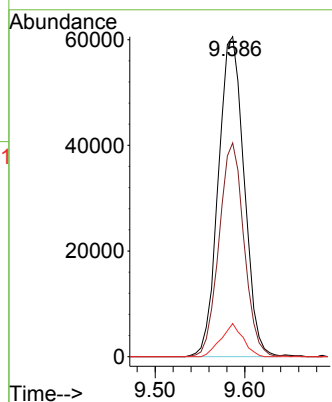
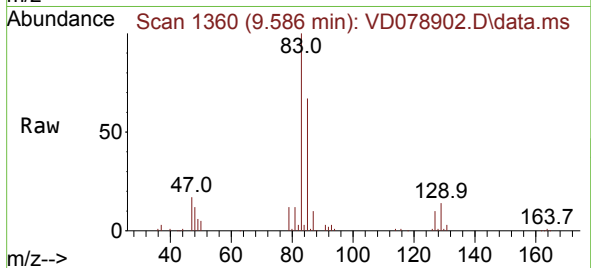




#47
Bromodichloromethane
Concen: 55.697 ug/l
RT: 9.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

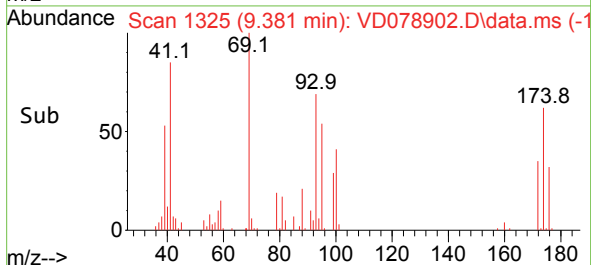
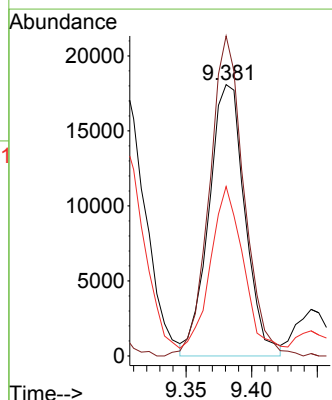
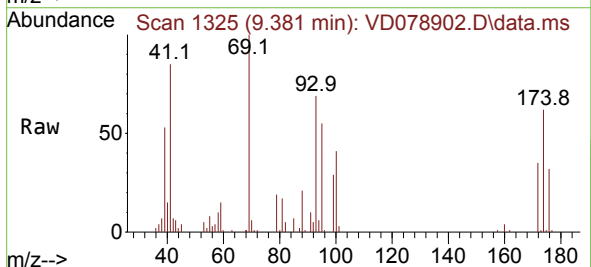
Instrument :
MSVOA_D
ClientSampleId :

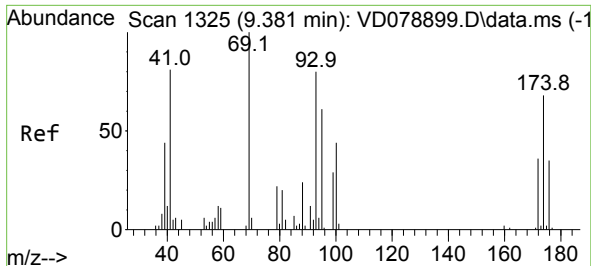
Tgt Ion: 83 Resp: 120616
Ion Ratio Lower Upper
83 100
85 66.8 54.0 81.0
127 10.3 7.1 10.7



#48
Methyl methacrylate
Concen: 62.619 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 41 Resp: 34582
Ion Ratio Lower Upper
41 100
69 112.7 88.3 132.5
39 54.7 46.6 69.8





#49

1,4-Dioxane

Concen: 1215.329 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

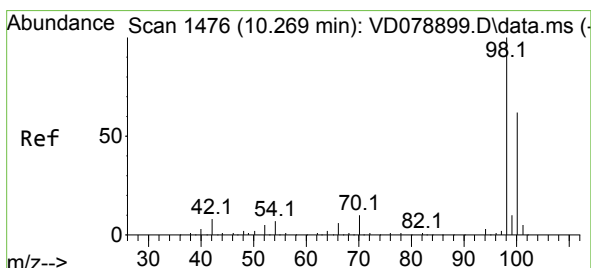
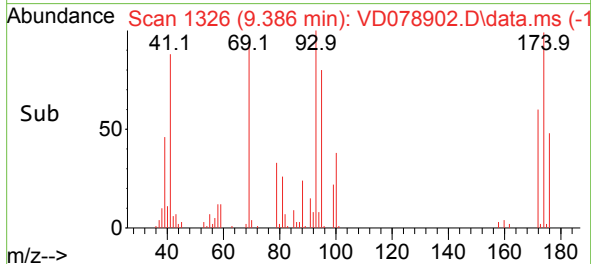
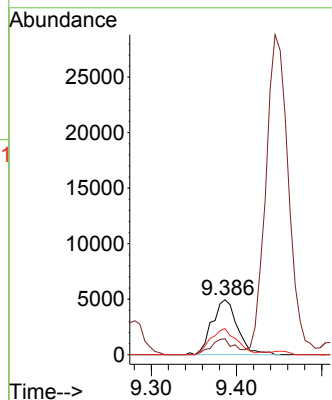
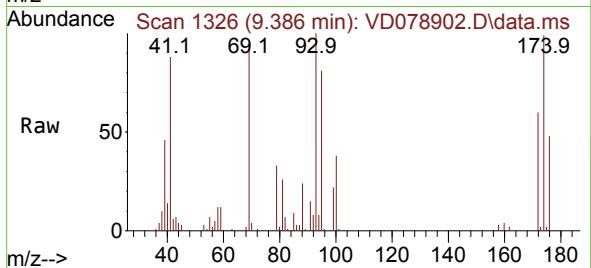
Tgt Ion: 88 Resp: 10247

Ion Ratio Lower Upper

88 100

43 26.5 23.2 34.8

58 50.1 51.0 76.6#



#50

Toluene-d8

Concen: 61.154 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078902.D

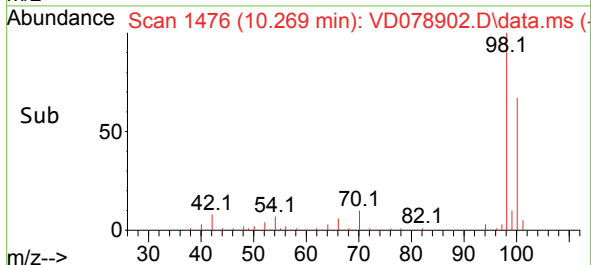
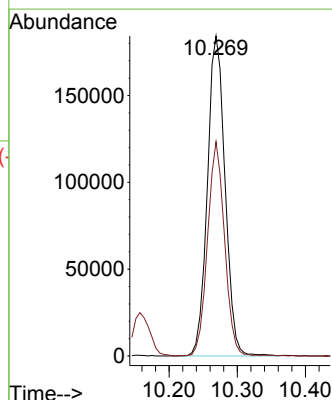
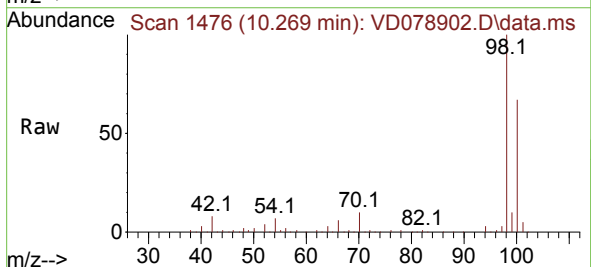
Acq: 10 May 2024 19:02

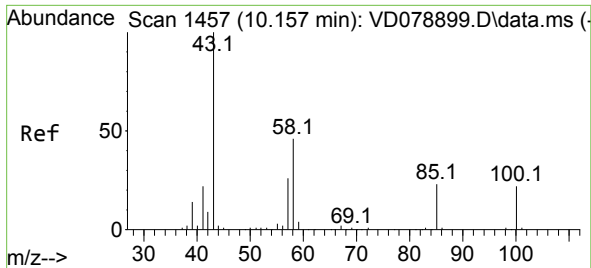
Tgt Ion: 98 Resp: 332383

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

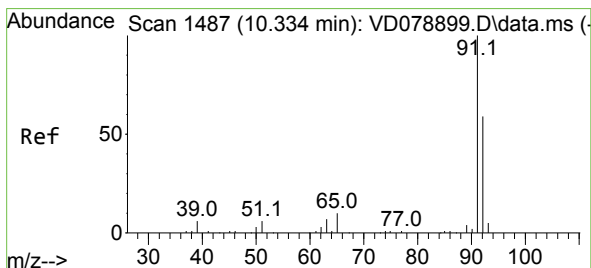
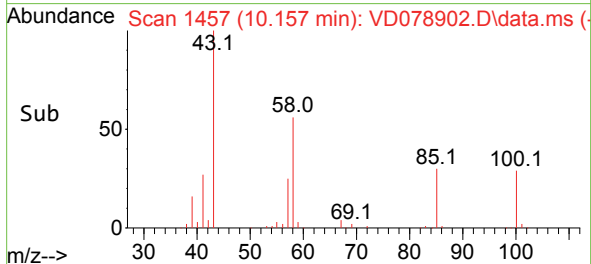
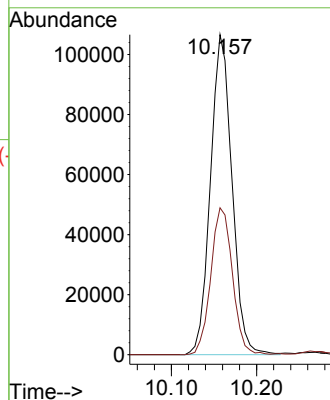
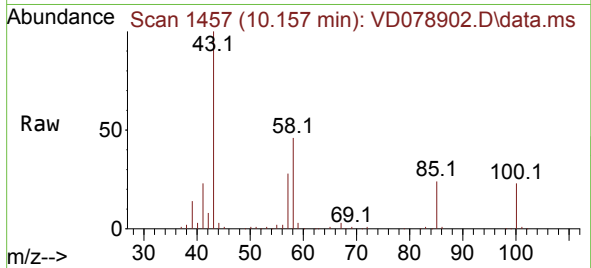




#51
4-Methyl-2-Pentanone
Concen: 307.260 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

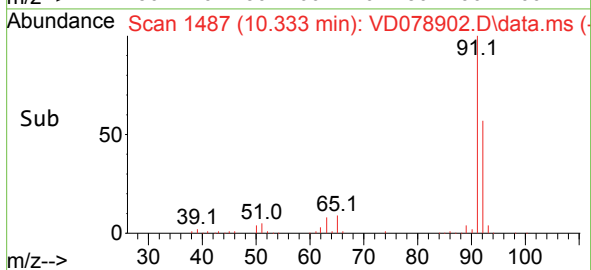
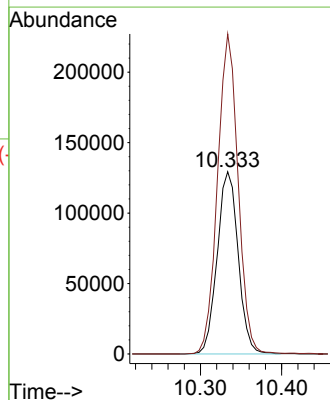
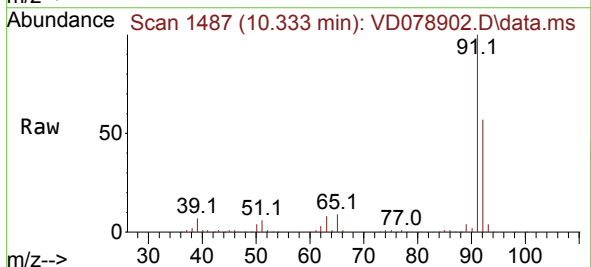
Instrument :
MSVOA_D
ClientSampleId :

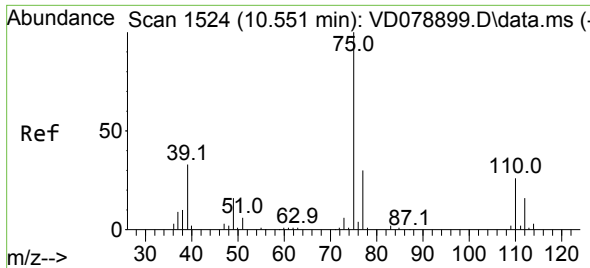
Tgt Ion: 43 Resp: 187653
Ion Ratio Lower Upper
43 100
58 46.1 36.4 54.6



#52
Toluene
Concen: 57.199 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

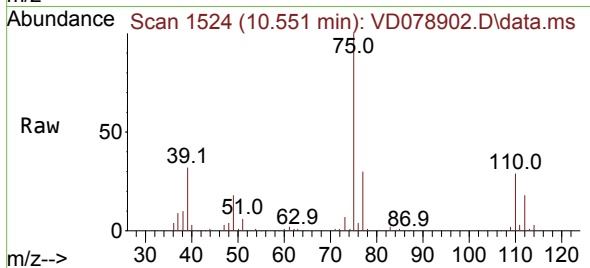
Tgt Ion: 92 Resp: 232298
Ion Ratio Lower Upper
92 100
91 172.6 136.6 205.0



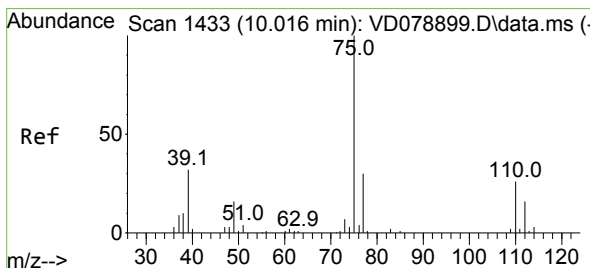
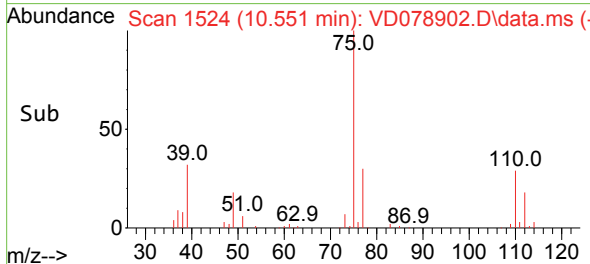
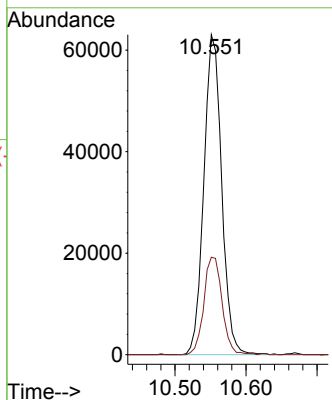


#53
 t-1,3-Dichloropropene
 Concen: 60.029 ug/l
 RT: 10.551 min Scan# 110146
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

Instrument :
 MSVOA_D
 ClientSampleId :

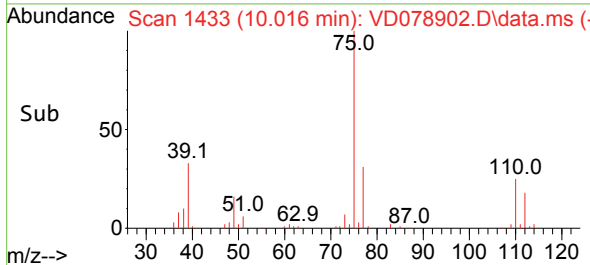
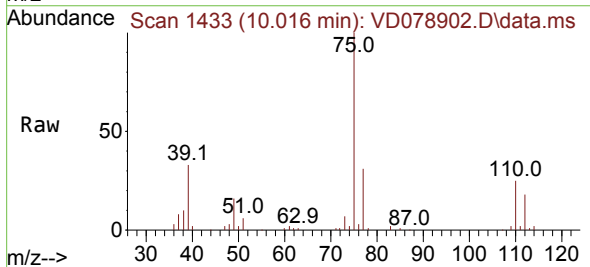
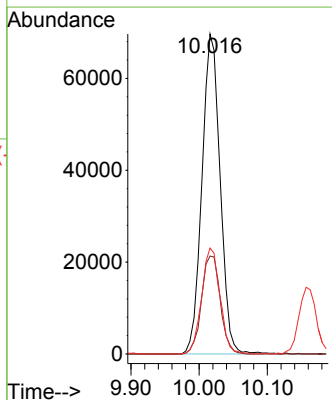


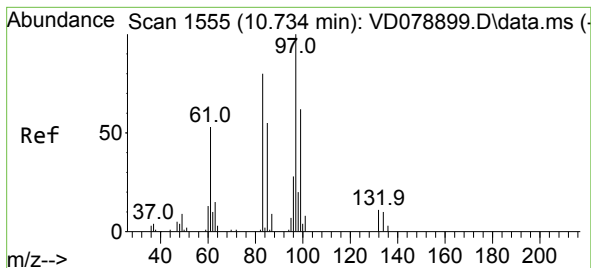
Tgt Ion: 75 Resp: 110146
 Ion Ratio Lower Upper
 75 100
 77 30.5 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 58.740 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

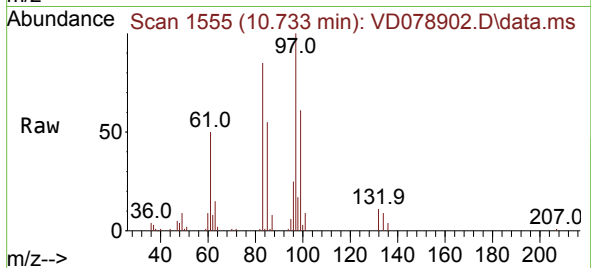
Tgt Ion: 75 Resp: 129412
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 33.1 26.7 40.1



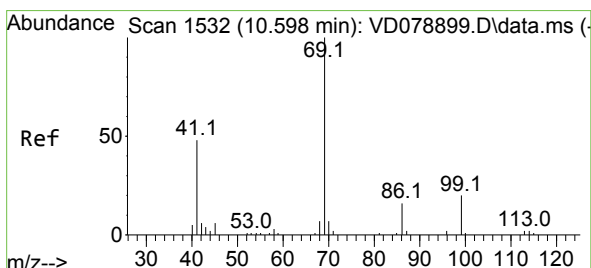
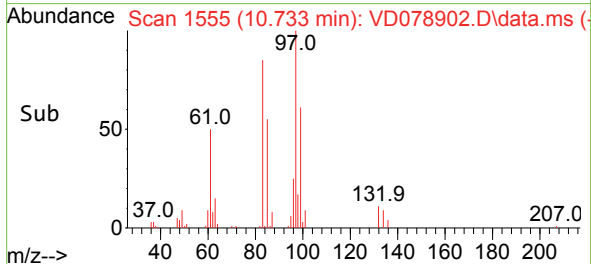
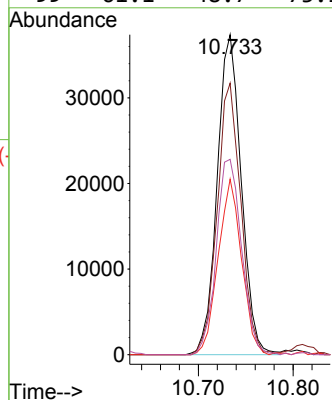


#55
1,1,2-Trichloroethane
Concen: 56.641 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

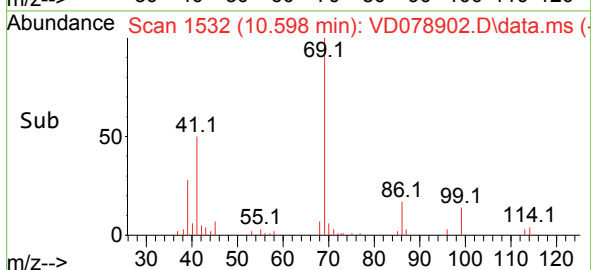
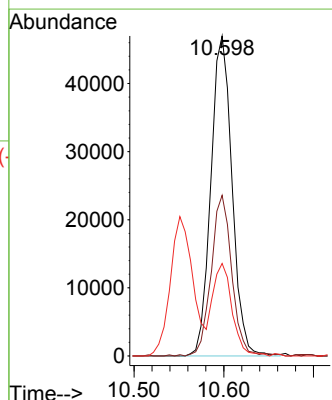
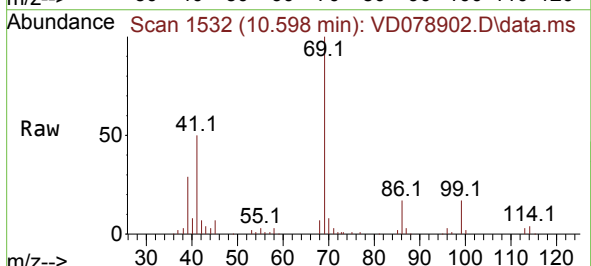


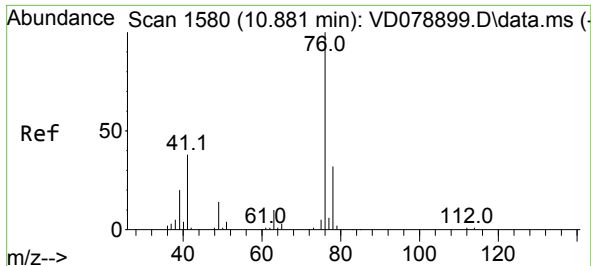
Tgt Ion:	97	Resp:	66179
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	54.8	48.2	72.2
99	61.1	48.7	73.1



#56
Ethyl methacrylate
Concen: 63.723 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:	69	Resp:	77005
Ion	Ratio	Lower	Upper
69	100		
41	49.2	40.9	61.3
39	26.3	25.5	38.3





#57

1,3-Dichloropropane

Concen: 58.161 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

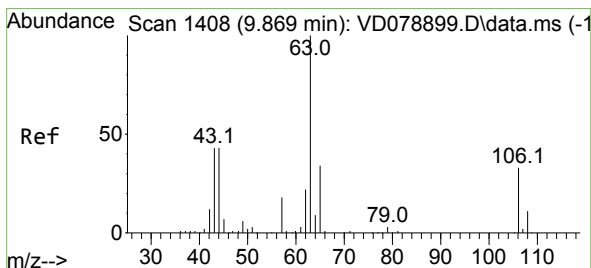
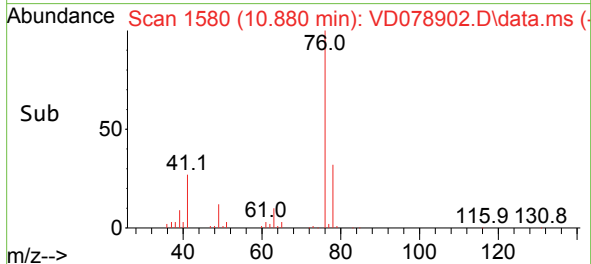
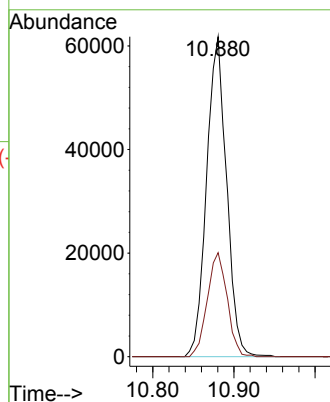
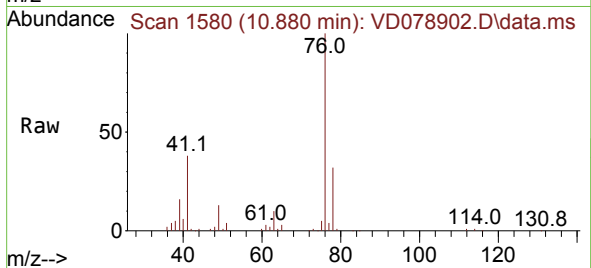
ClientSampleId :

Tgt Ion: 76 Resp: 105562

Ion Ratio Lower Upper

76 100

78 32.2 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 301.177 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078902.D

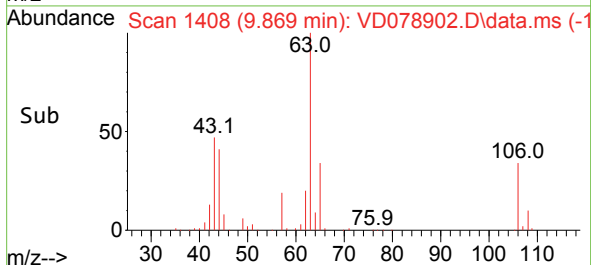
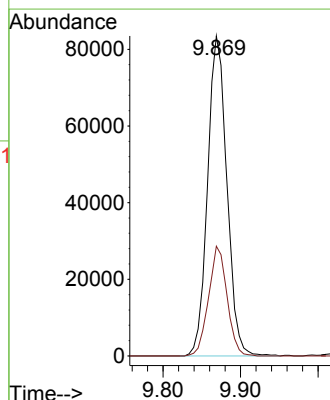
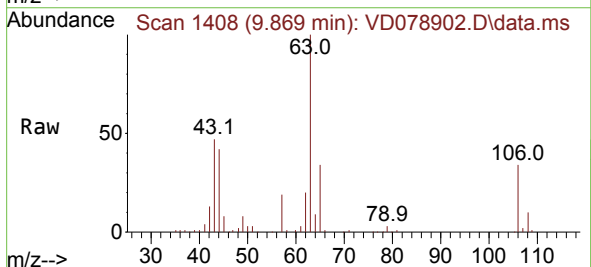
Acq: 10 May 2024 19:02

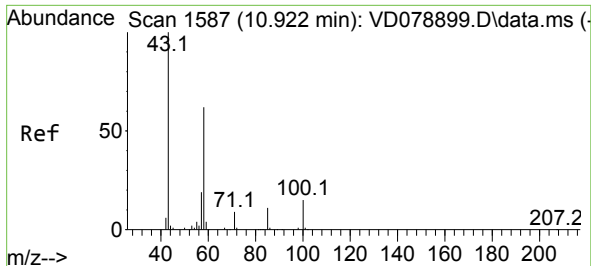
Tgt Ion: 63 Resp: 144283

Ion Ratio Lower Upper

63 100

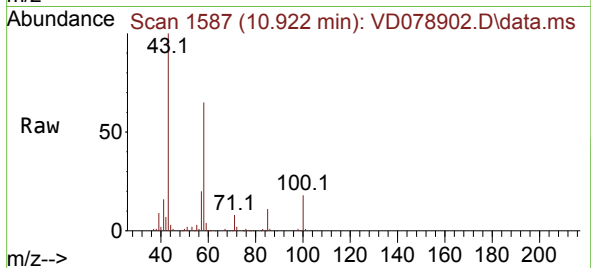
106 32.9 25.2 37.8



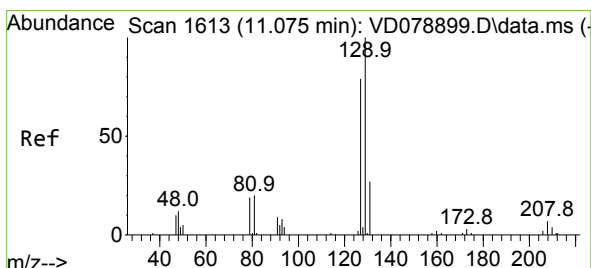
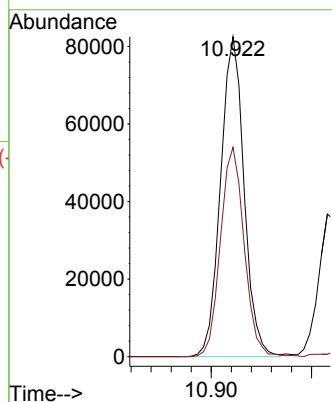
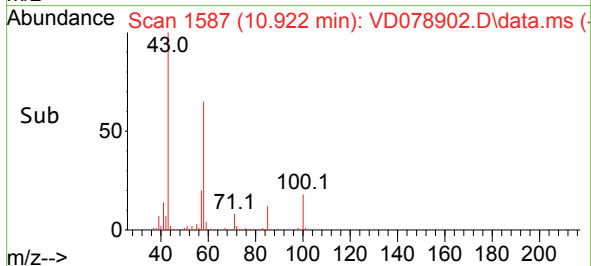


#59
2-Hexanone
Concen: 297.808 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

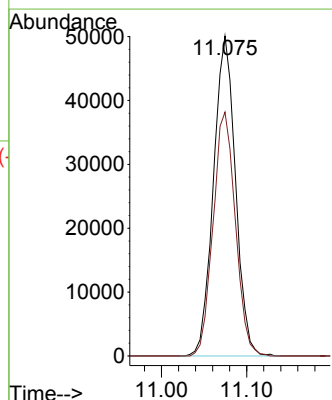
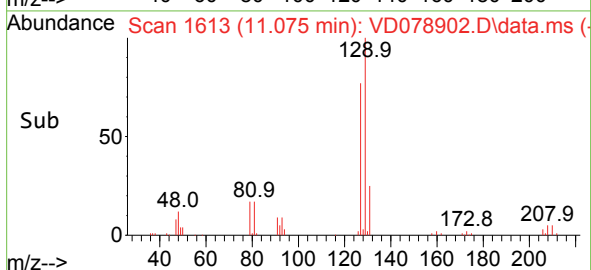
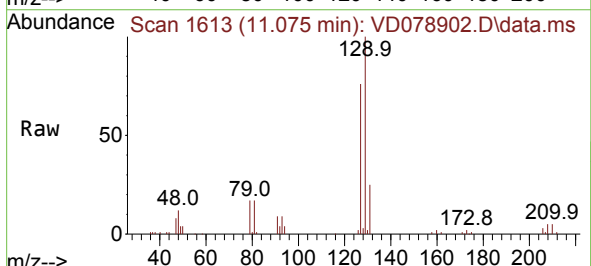


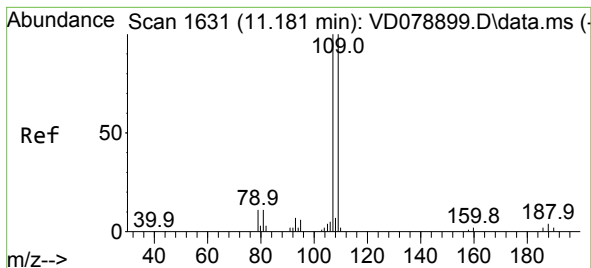
Tgt Ion: 43 Resp: 133991
Ion Ratio Lower Upper
43 100
58 66.1 31.5 94.5



#60
Dibromochloromethane
Concen: 57.060 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:129 Resp: 89910
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 56.103 ug/l

RT: 11.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

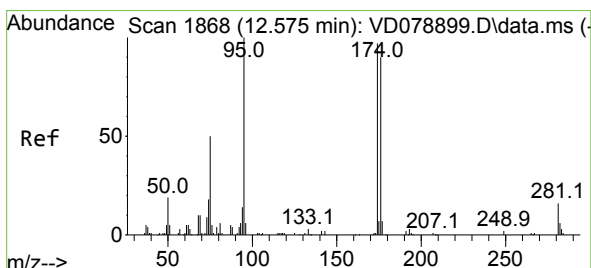
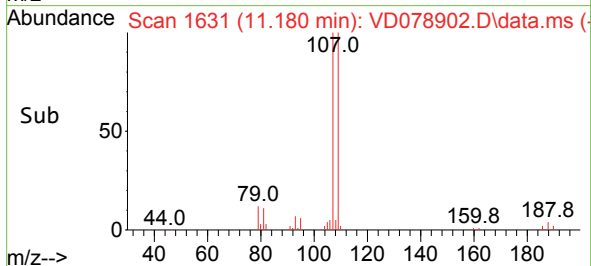
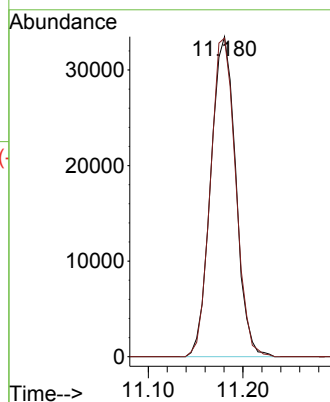
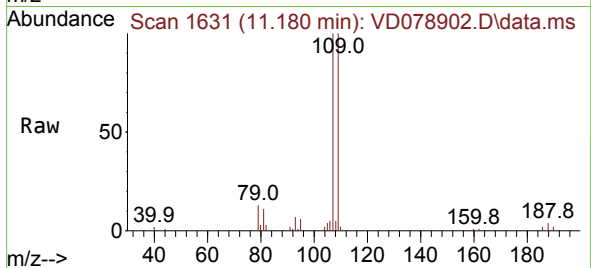
ClientSampleId :

Tgt Ion:107 Resp: 61316

Ion Ratio Lower Upper

107 100

109 100.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 63.397 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

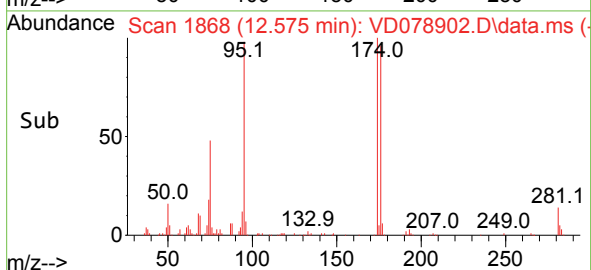
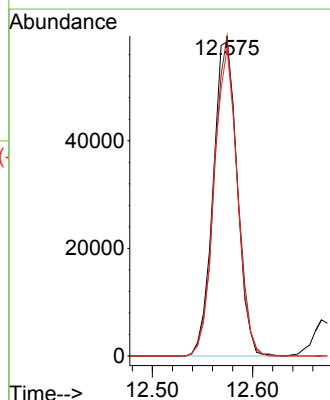
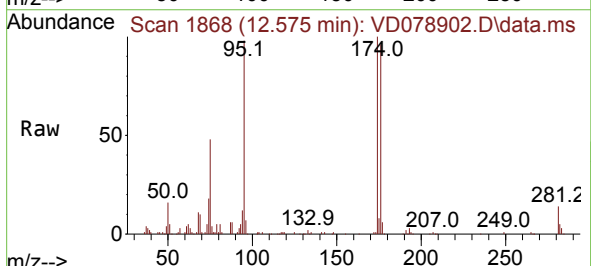
Tgt Ion: 95 Resp: 97324

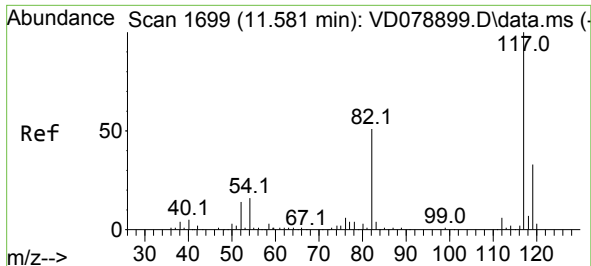
Ion Ratio Lower Upper

95 100

174 97.3 0.0 195.2

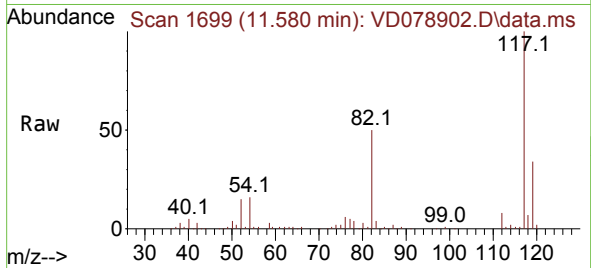
176 94.6 0.0 188.2



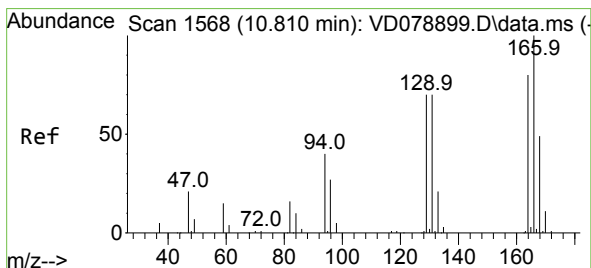
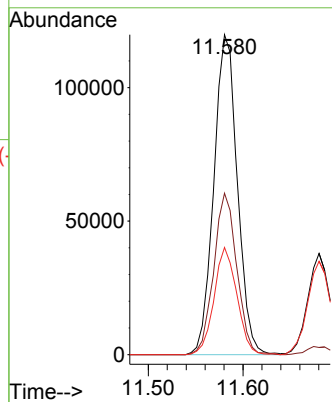
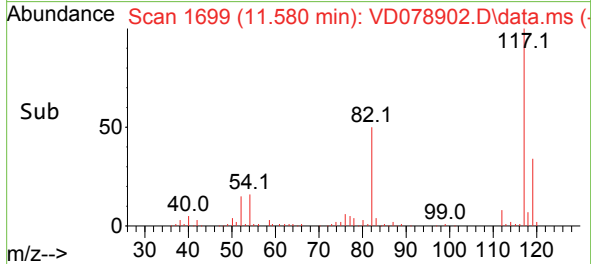


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

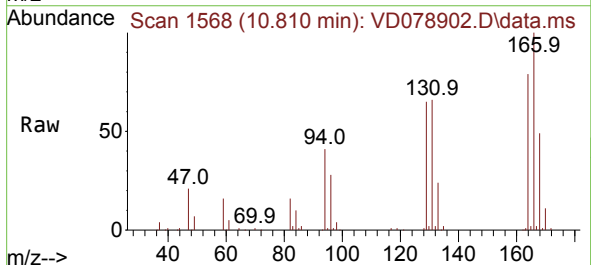
Instrument :
MSVOA_D
ClientSampleId :



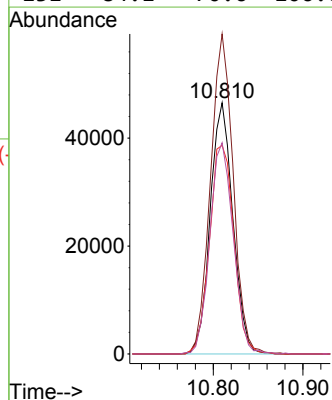
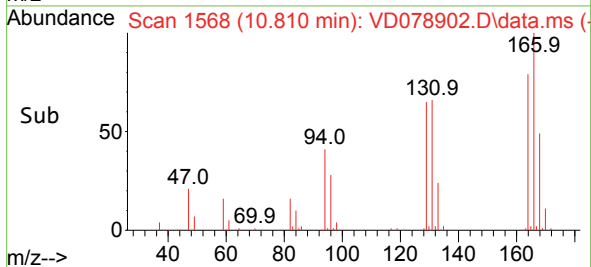
Tgt Ion:117 Resp: 206791
Ion Ratio Lower Upper
117 100
82 50.4 41.4 62.2
119 33.5 26.5 39.7

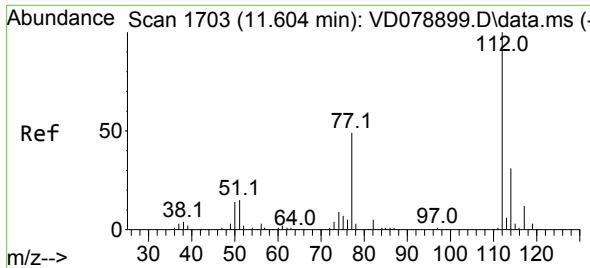


#64
Tetrachloroethene
Concen: 57.016 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02



Tgt Ion:164 Resp: 81709
Ion Ratio Lower Upper
164 100
166 127.4 98.9 148.3
129 83.1 70.3 105.5
131 84.1 70.6 106.0

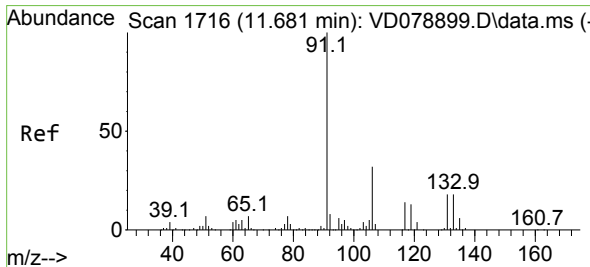
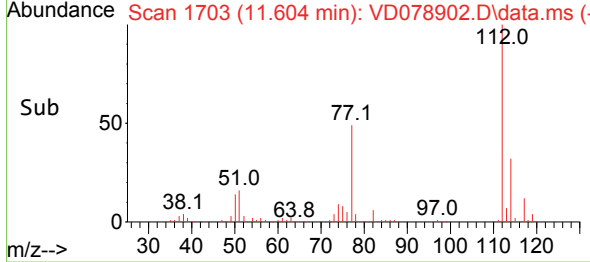
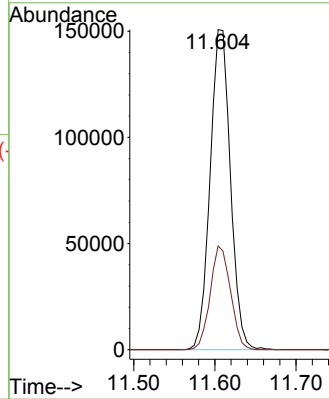
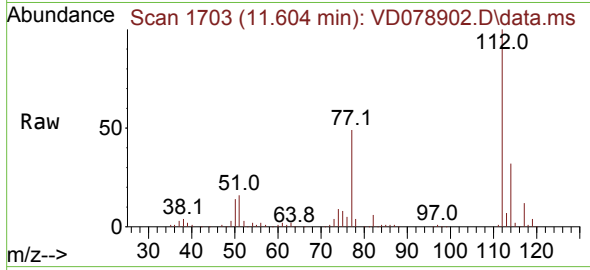




#65
Chlorobenzene
Concen: 56.642 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

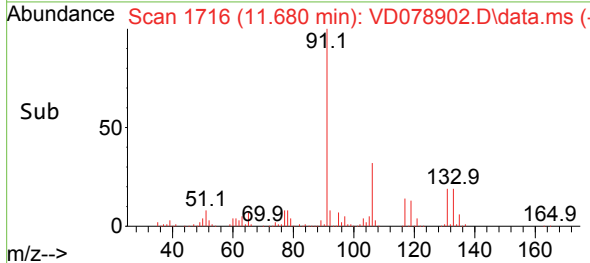
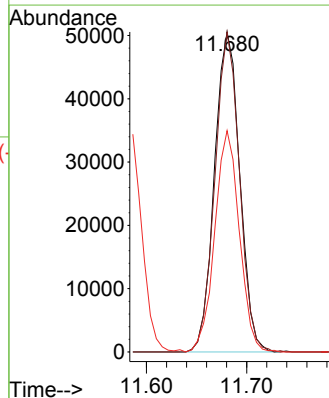
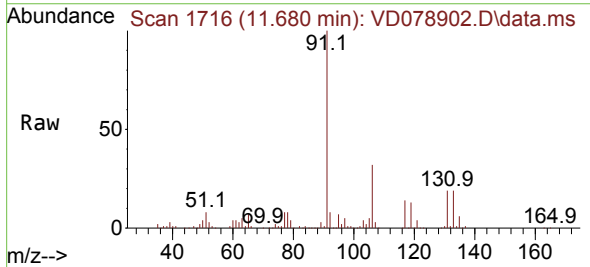
Instrument :
MSVOA_D
ClientSampleId :

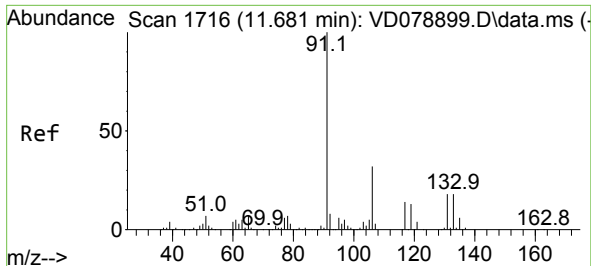
Tgt Ion:112 Resp: 262182
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.261 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:131 Resp: 88347
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.9
119 67.4 34.1 102.3

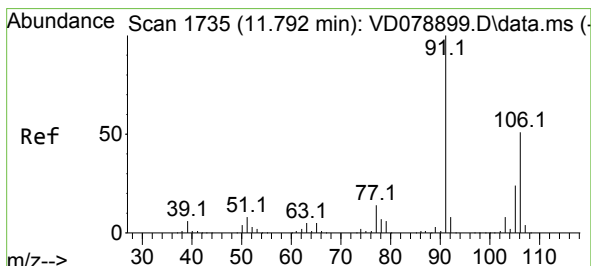
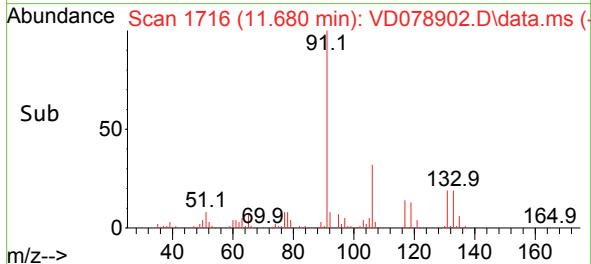
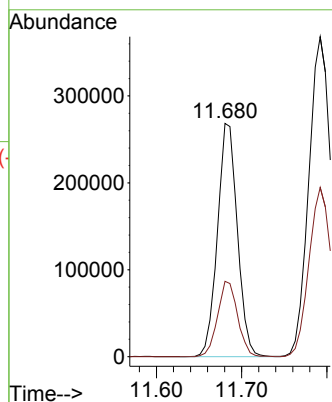
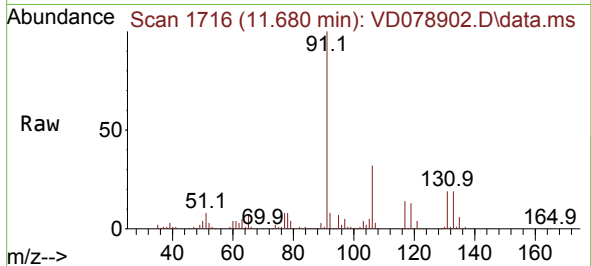




#67
Ethyl Benzene
Concen: 59.065 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

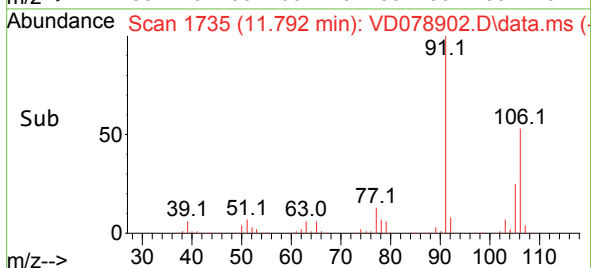
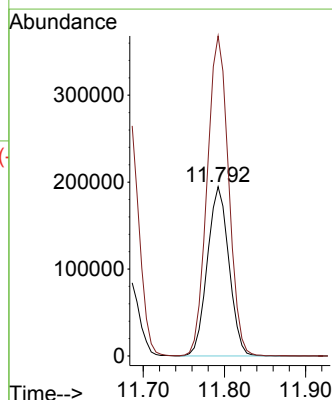
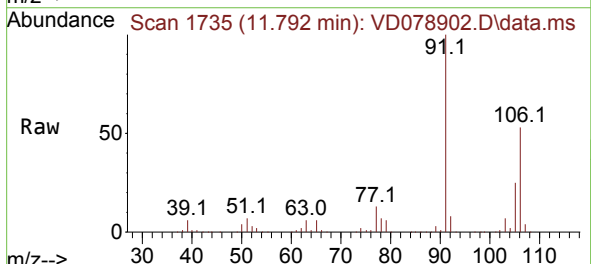
Instrument :
MSVOA_D
ClientSampleId :

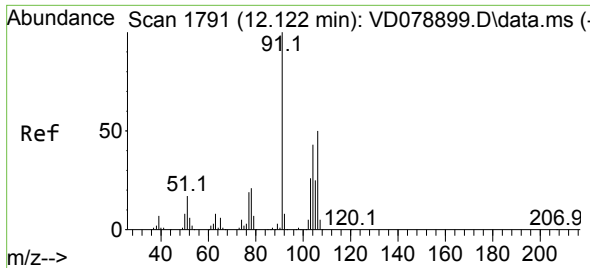
Tgt Ion: 91 Resp: 436404
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 118.253 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:106 Resp: 359335
Ion Ratio Lower Upper
106 100
91 187.7 154.4 231.6

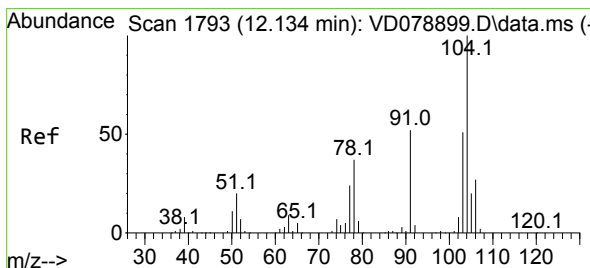
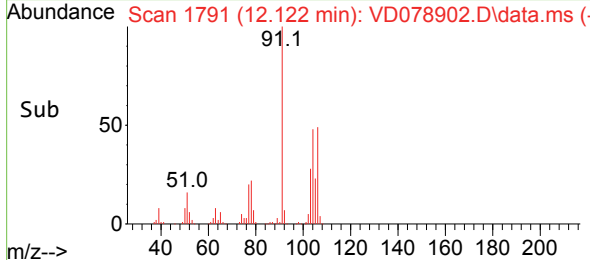
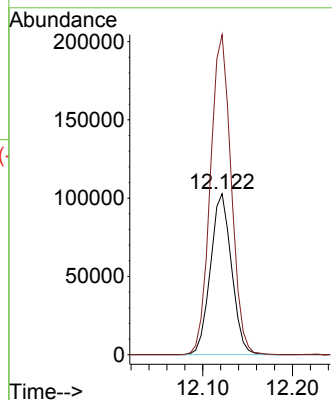
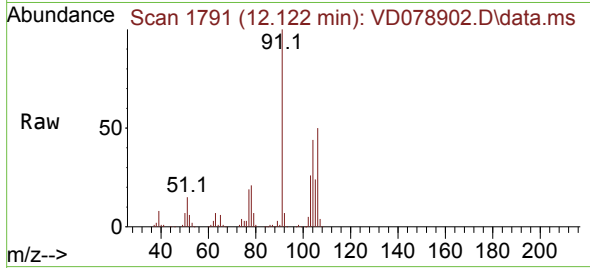




#69
o-Xylene
Concen: 60.992 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

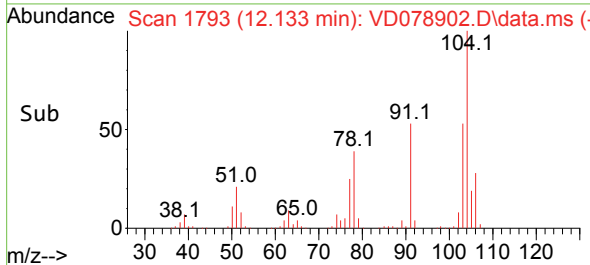
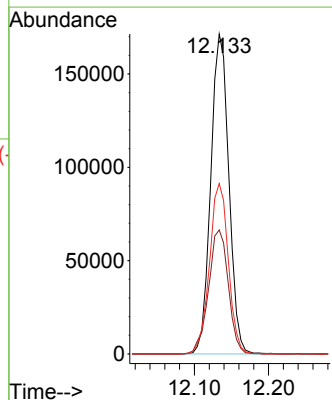
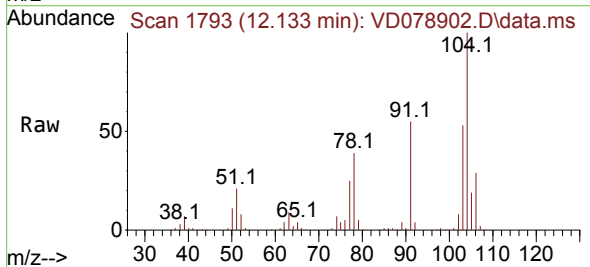
Instrument :
MSVOA_D
ClientSampleId :

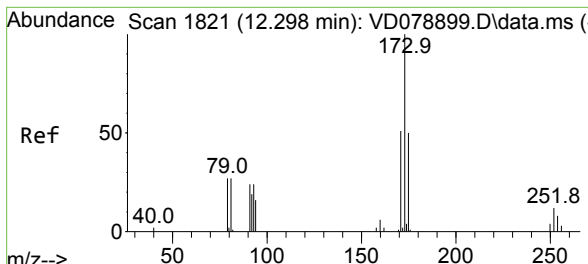
Tgt Ion:106 Resp: 167534
Ion Ratio Lower Upper
106 100
91 196.9 99.6 298.7



#70
Styrene
Concen: 59.641 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:104 Resp: 290476
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 55.5 44.2 66.2

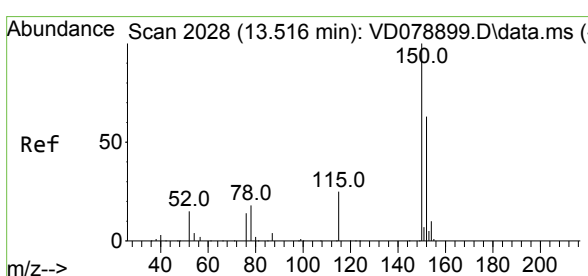
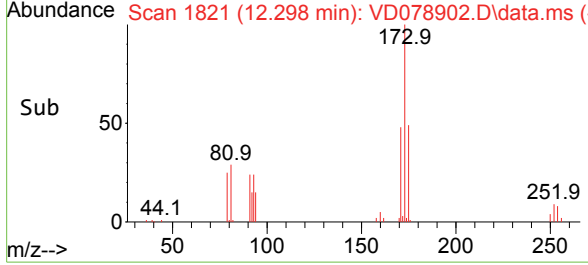
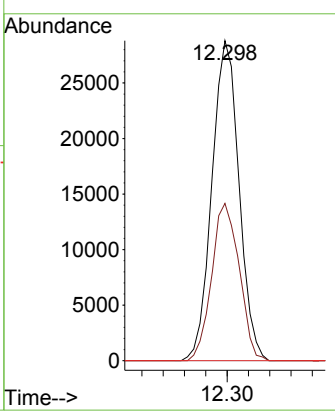
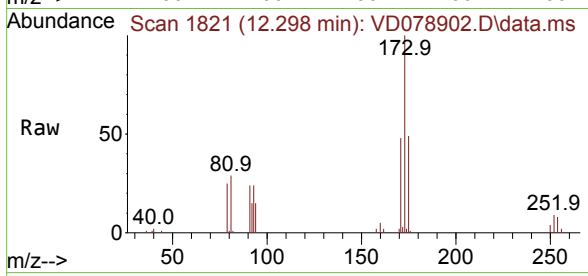




#71
 Bromoform
 Concen: 59.022 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

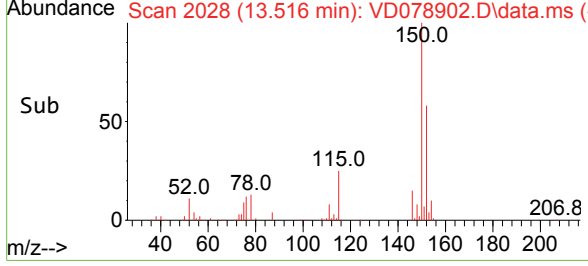
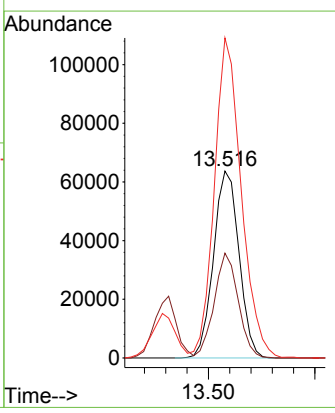
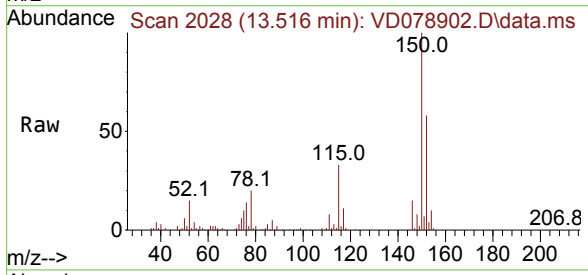
Instrument :
 MSVOA_D
 ClientSampleId :

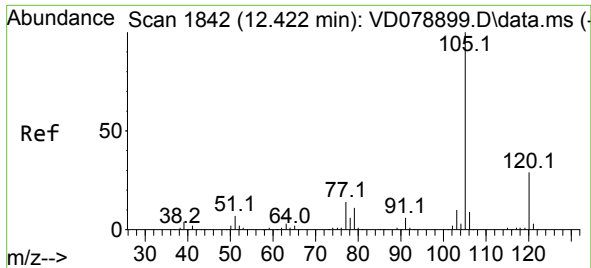
Tgt Ion:	173	Resp:	50840
Ion Ratio	Lower	Upper	
173	100		
175	49.9	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078902.D
 Acq: 10 May 2024 19:02

Tgt Ion:	152	Resp:	105639
Ion Ratio	Lower	Upper	
152	100		
115	52.9	27.1	81.2
150	181.1	0.0	350.2

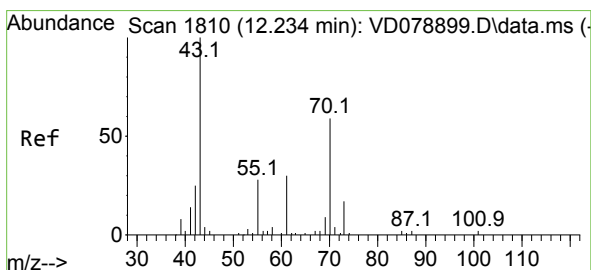
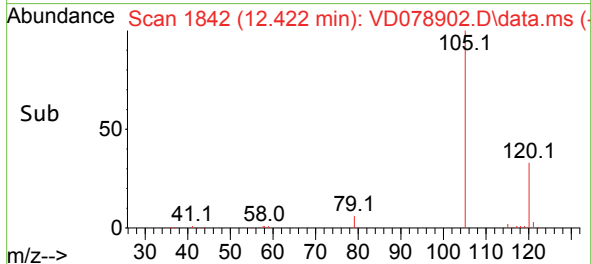
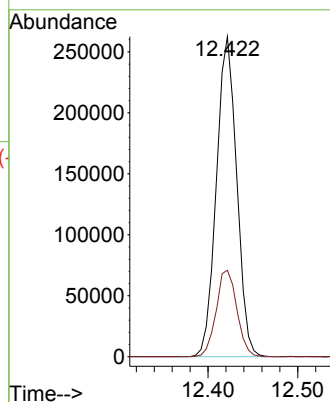
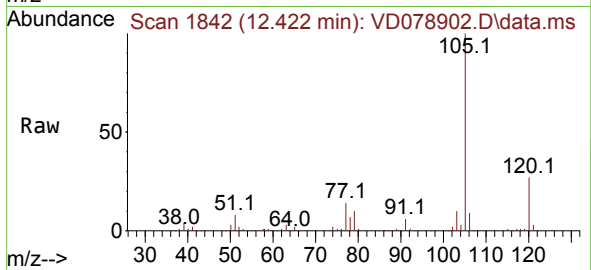




#73
Isopropylbenzene
Concen: 60.631 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

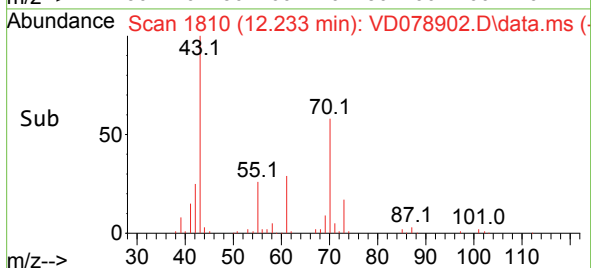
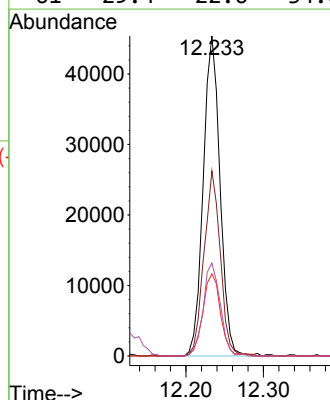
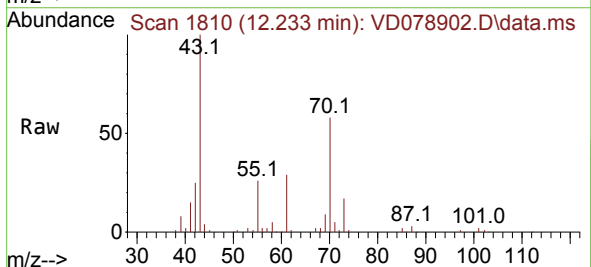
Instrument :
MSVOA_D
ClientSampleId :

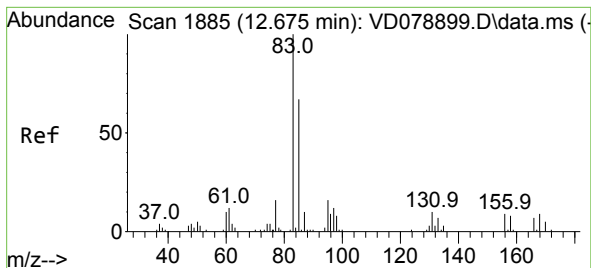
Tgt Ion:105 Resp: 412250
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0



#74
N-ethyl acetate
Concen: 64.181 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 43 Resp: 68476
Ion Ratio Lower Upper
43 100
70 56.0 42.1 63.1
55 27.1 22.6 33.8
61 29.4 22.6 34.0

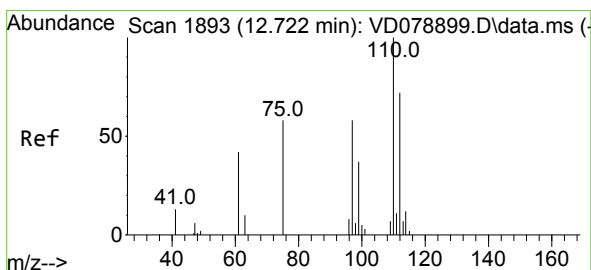
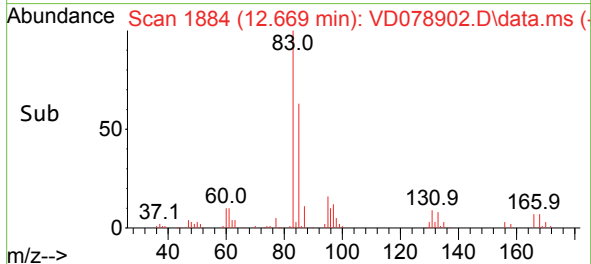
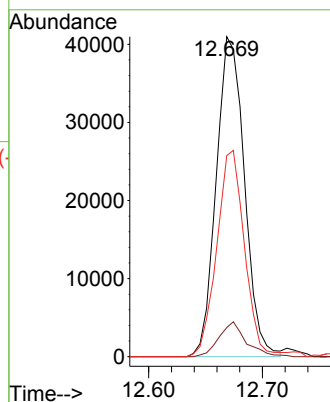
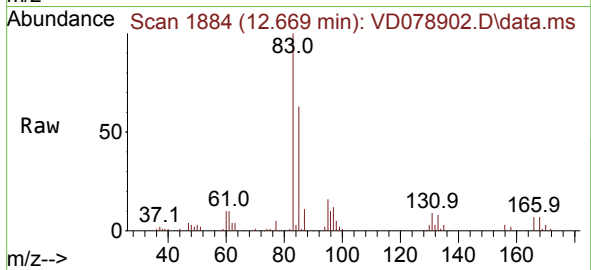




#75
1,1,2,2-Tetrachloroethane
Concen: 59.865 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

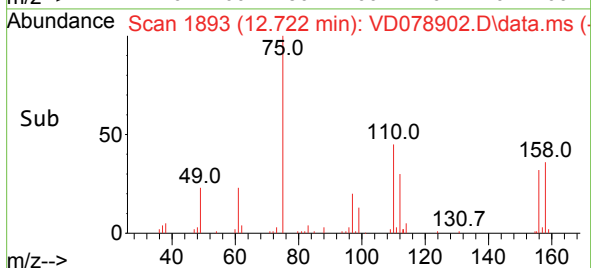
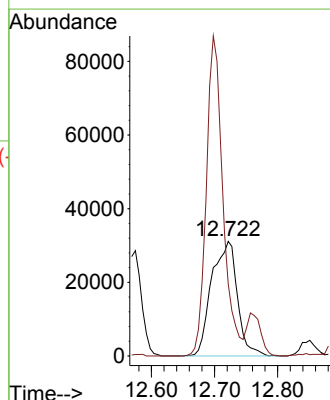
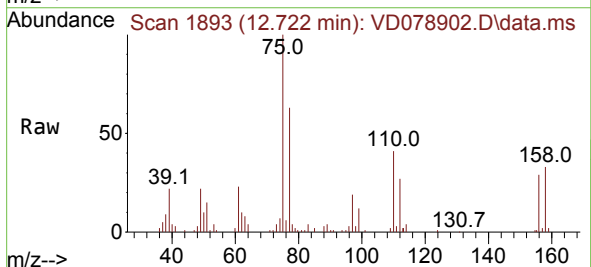
Instrument :
MSVOA_D
ClientSampleId :

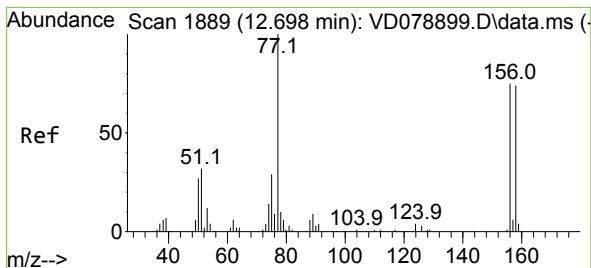
Tgt Ion: 83 Resp: 70736
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 63.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 113.257 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 75 Resp: 88056
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.133 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

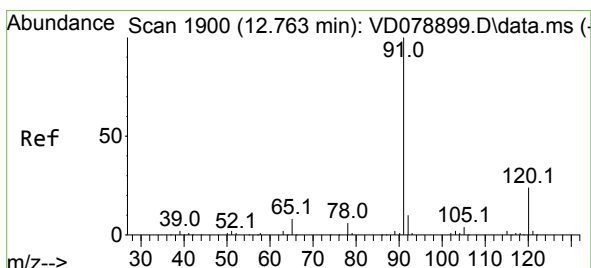
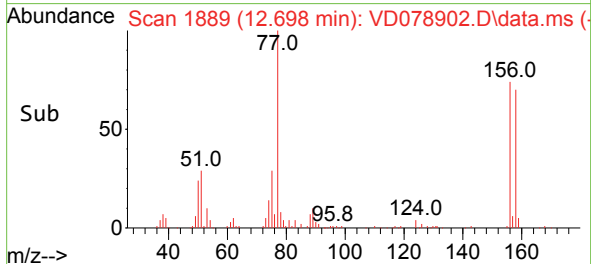
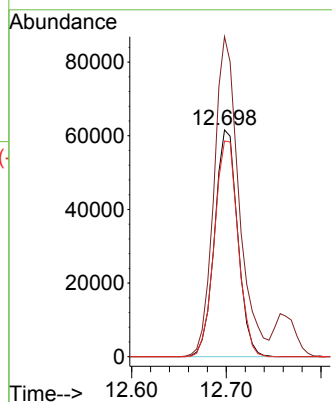
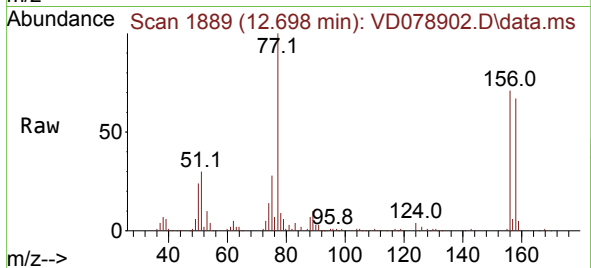
Tgt Ion:156 Resp: 104278

Ion Ratio Lower Upper

156 100

77 153.3 79.1 237.3

158 97.5 47.0 141.0



#78

n-propylbenzene

Concen: 60.364 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078902.D

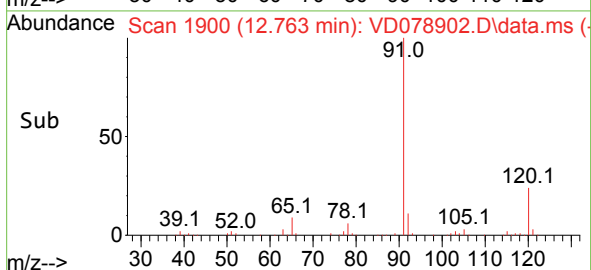
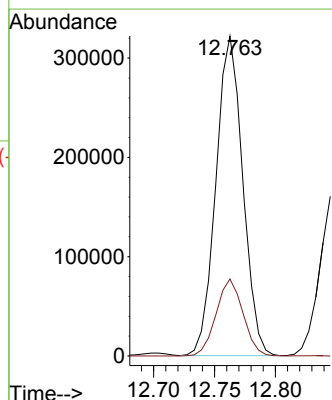
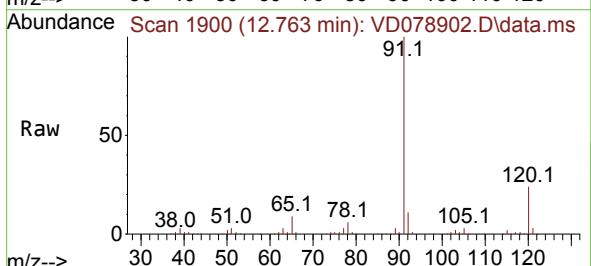
Acq: 10 May 2024 19:02

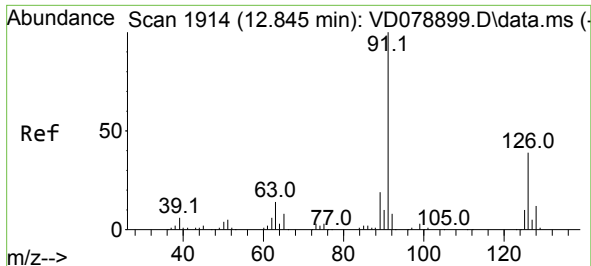
Tgt Ion: 91 Resp: 494225

Ion Ratio Lower Upper

91 100

120 24.0 11.7 35.1

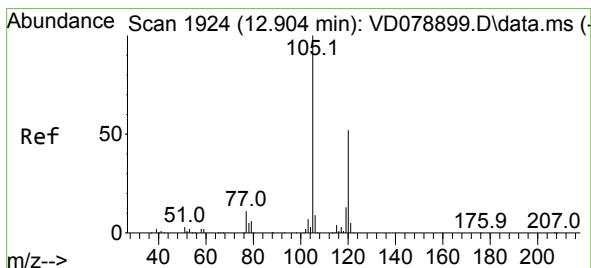
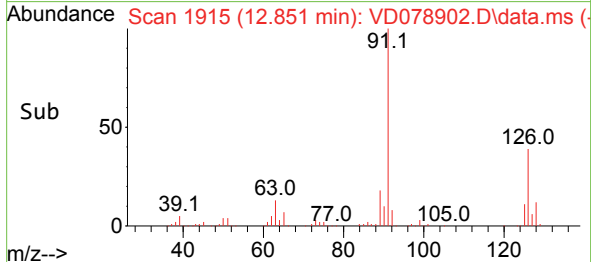
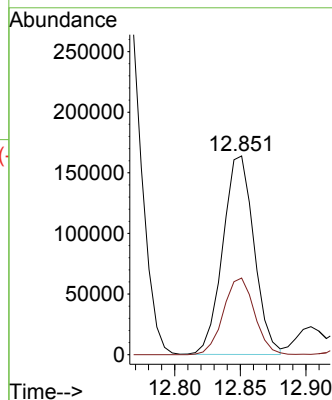
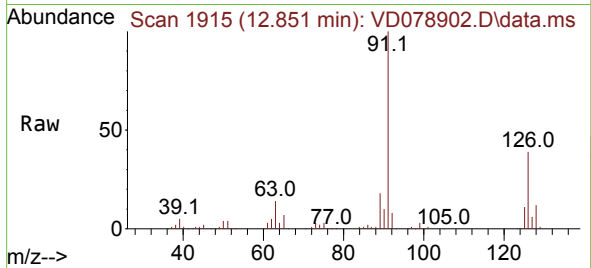




#79
2-Chlorotoluene
Concen: 60.655 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.005 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

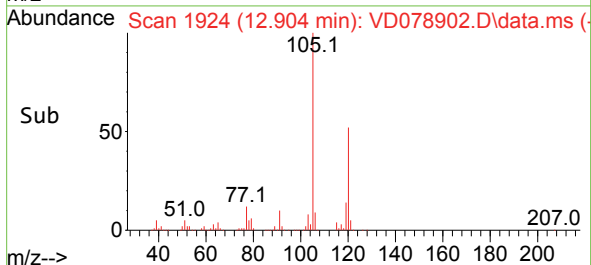
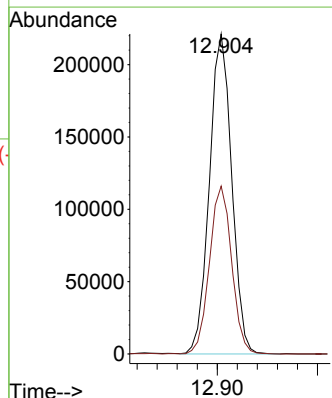
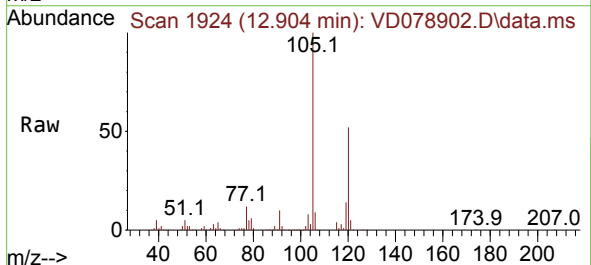
Instrument :
MSVOA_D
ClientSampleId :

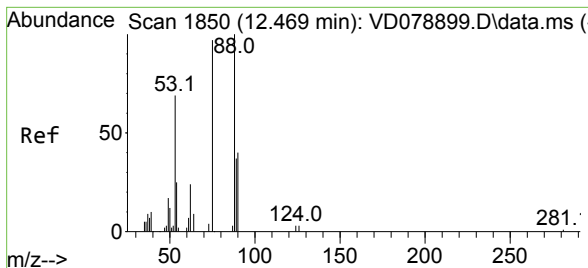
Tgt Ion: 91 Resp: 271652
Ion Ratio Lower Upper
91 100
126 38.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 60.402 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 105 Resp: 341933
Ion Ratio Lower Upper
105 100
120 52.2 25.9 77.7

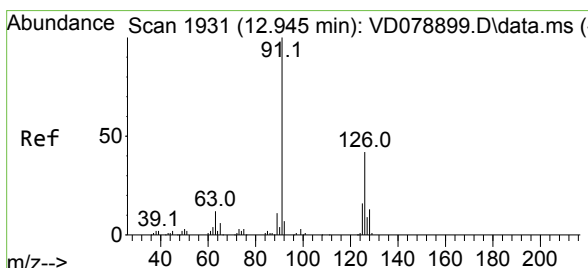
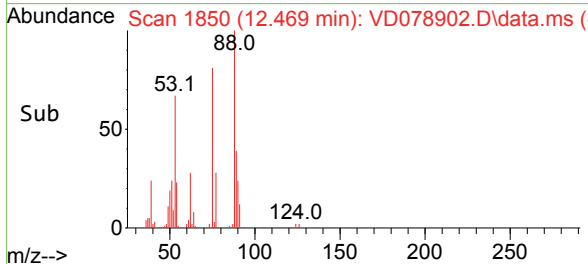
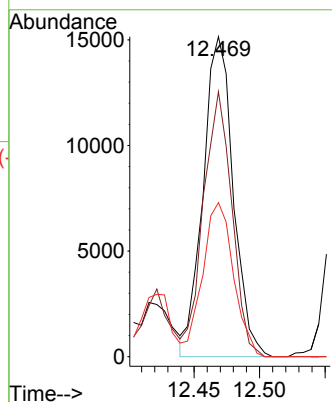
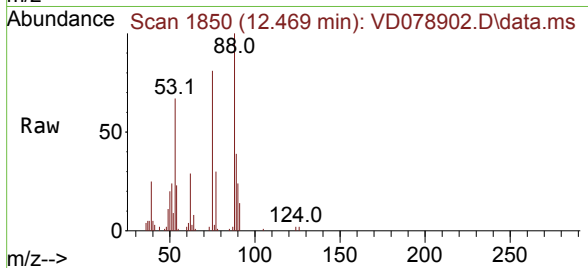




#81
trans-1,4-Dichloro-2-butene
Concen: 60.362 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

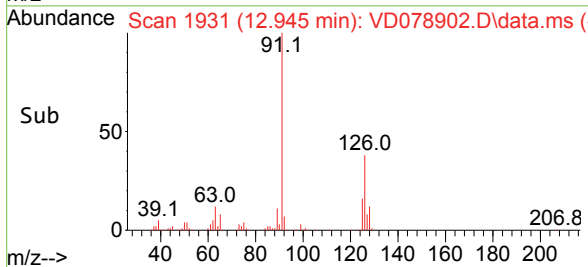
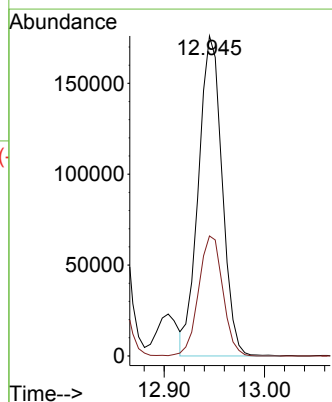
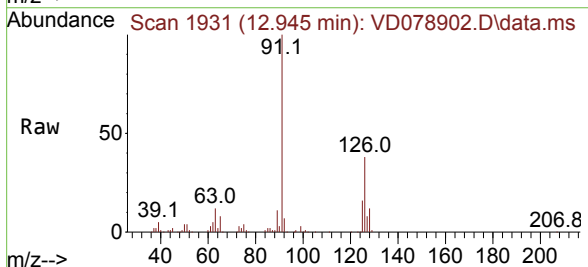
Instrument :
MSVOA_D
ClientSampleId :

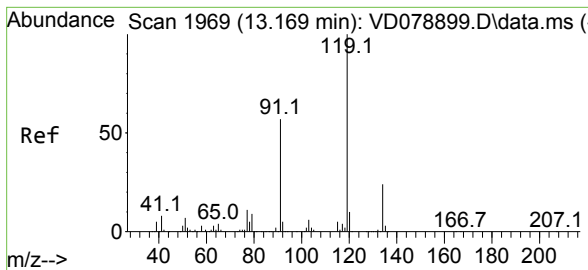
Tgt Ion	Ratio	Lower	Upper
75	100		
53	78.6	61.0	91.6
89	49.5	35.4	53.0



#82
4-Chlorotoluene
Concen: 59.244 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.4	18.9	56.5

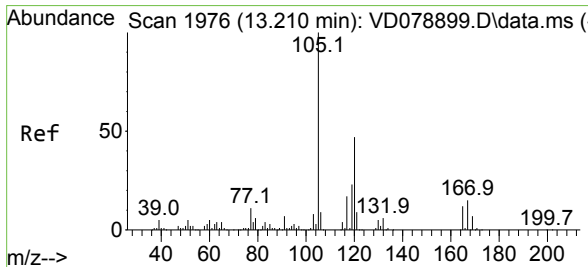
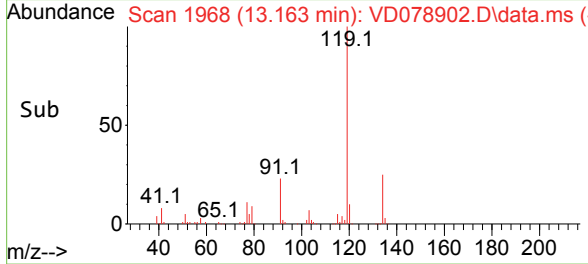
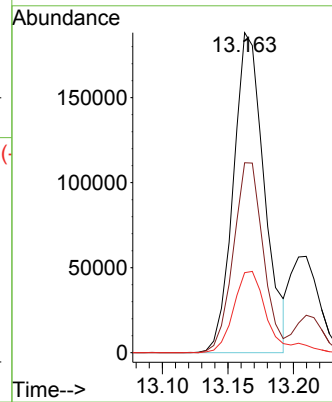
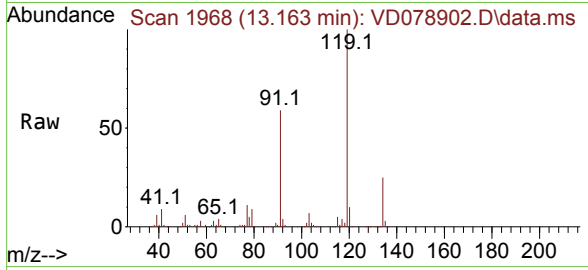




#83
tert-Butylbenzene
Concen: 61.287 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

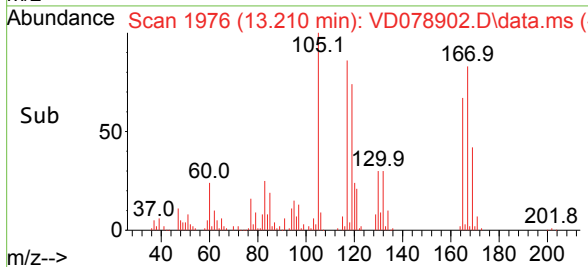
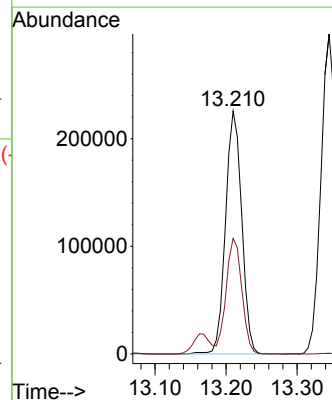
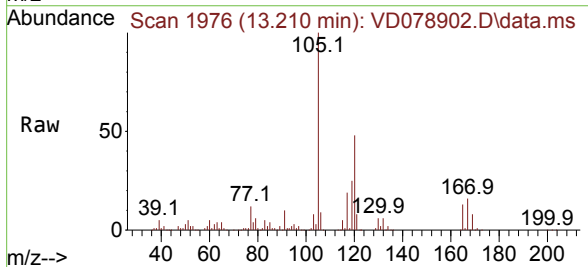
Instrument :
MSVOA_D
ClientSampleId :

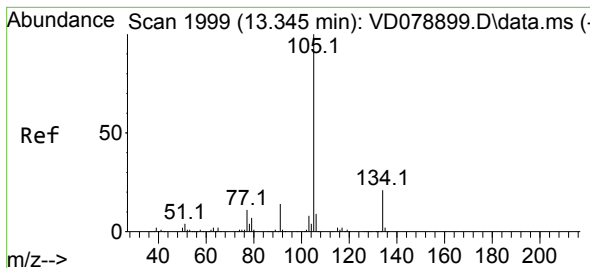
Tgt Ion:119 Resp: 308658
Ion Ratio Lower Upper
119 100
91 57.6 28.9 86.7
134 27.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 62.269 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:105 Resp: 355552
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 60.992 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

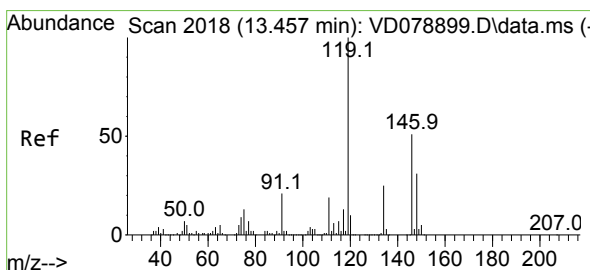
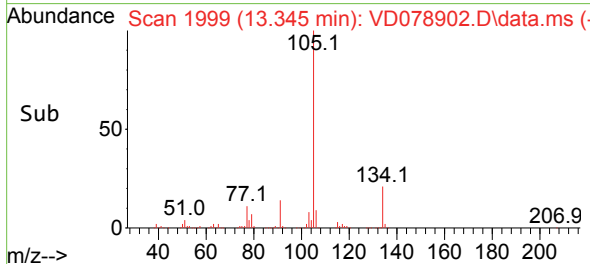
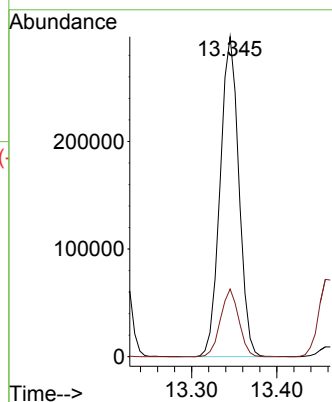
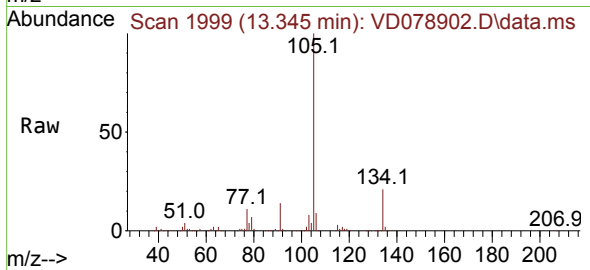
ClientSampleId :

Tgt Ion:105 Resp: 453985

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 62.189 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

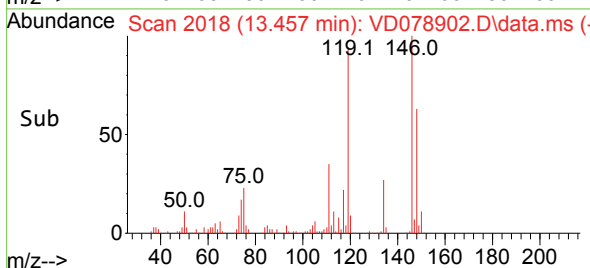
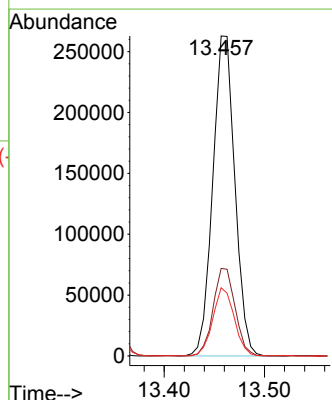
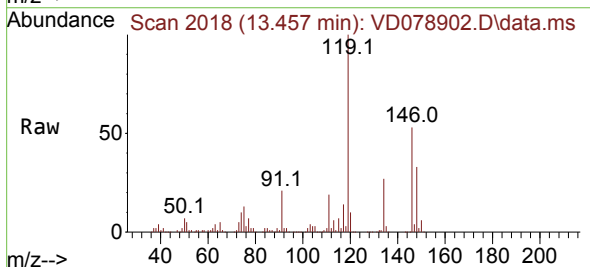
Tgt Ion:119 Resp: 401778

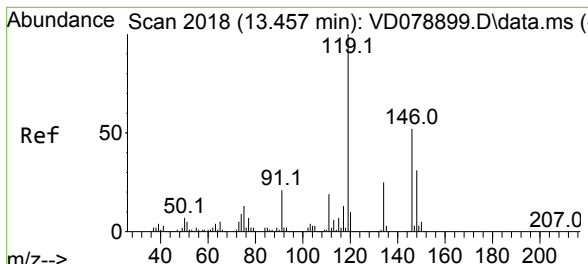
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 20.7 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 59.515 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

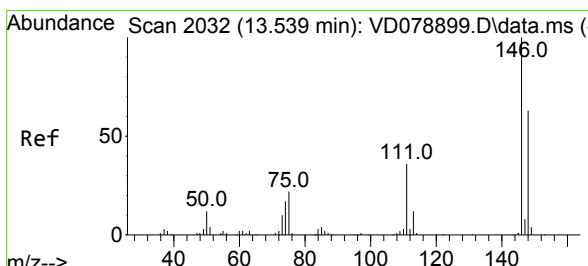
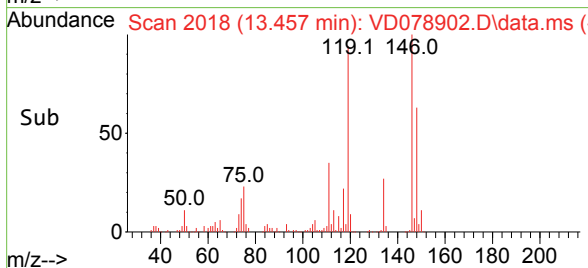
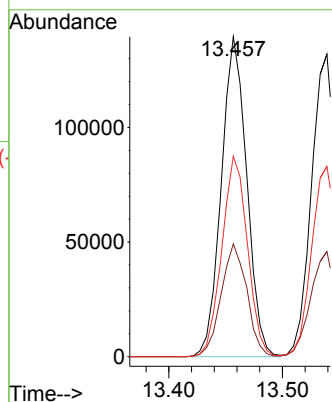
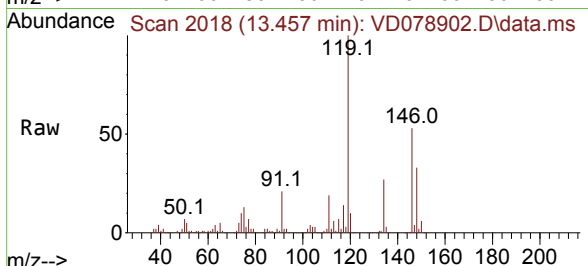
Tgt Ion:146 Resp: 217201

Ion Ratio Lower Upper

146 100

111 35.6 18.2 54.6

148 63.1 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 58.244 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

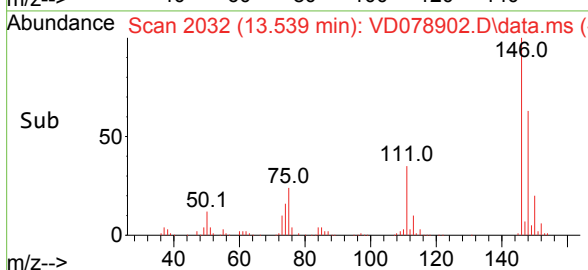
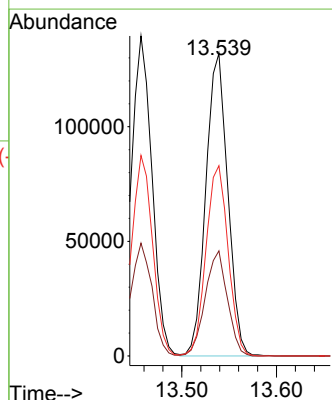
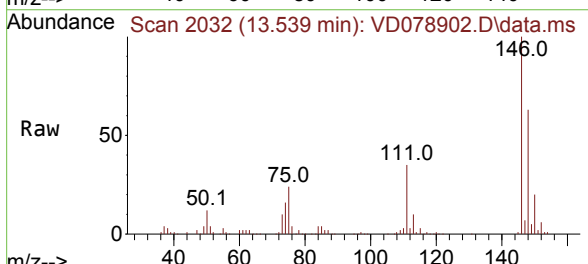
Tgt Ion:146 Resp: 211437

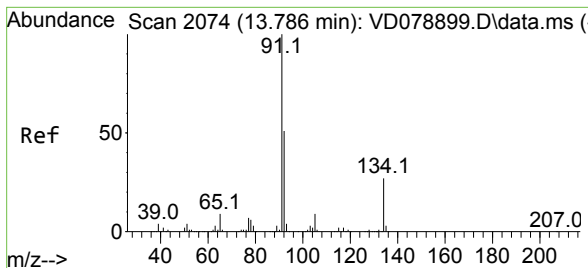
Ion Ratio Lower Upper

146 100

111 35.2 17.8 53.3

148 63.7 32.4 97.0





#89

n-Butylbenzene

Concen: 61.179 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

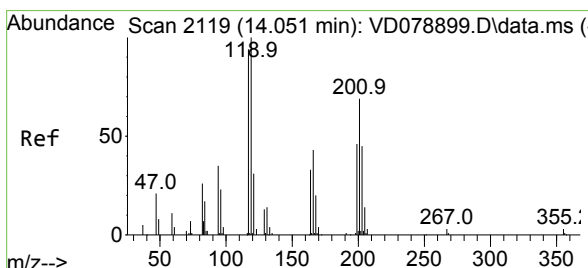
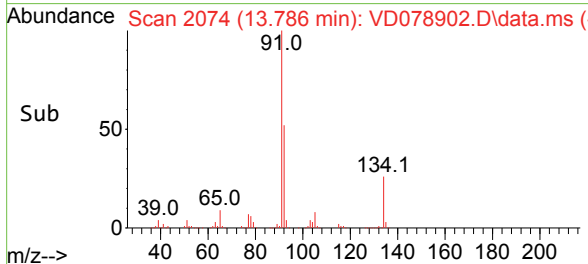
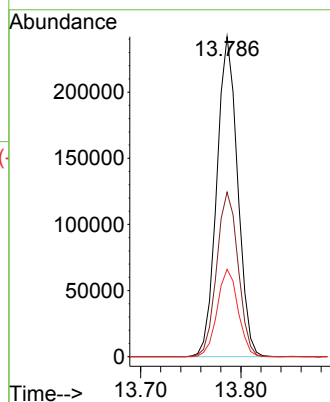
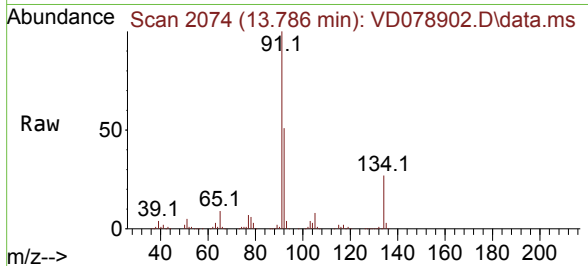
Tgt Ion: 91 Resp: 349079

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 58.511 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078902.D

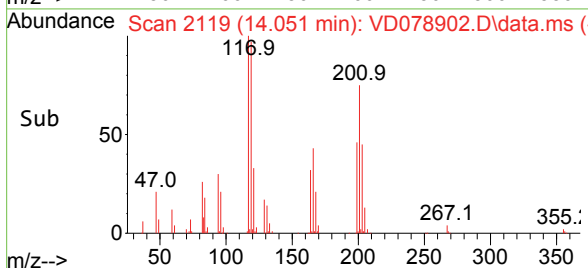
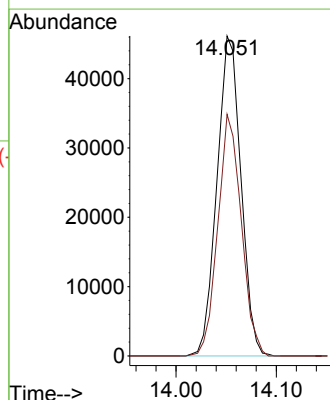
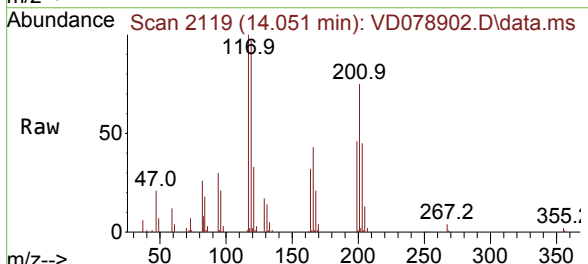
Acq: 10 May 2024 19:02

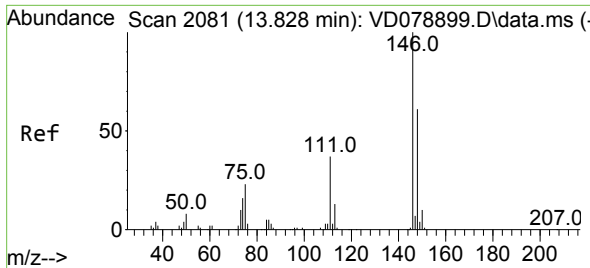
Tgt Ion: 117 Resp: 76655

Ion Ratio Lower Upper

117 100

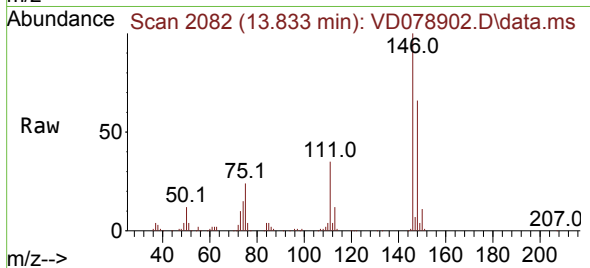
201 73.9 36.2 108.6



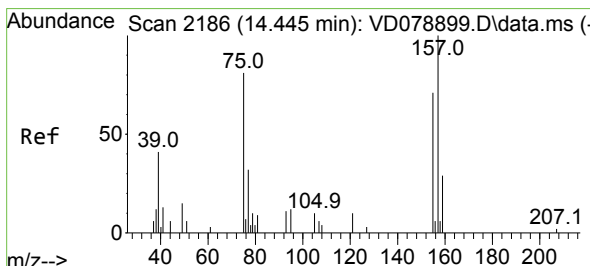
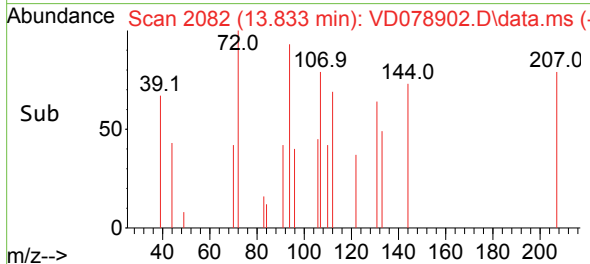
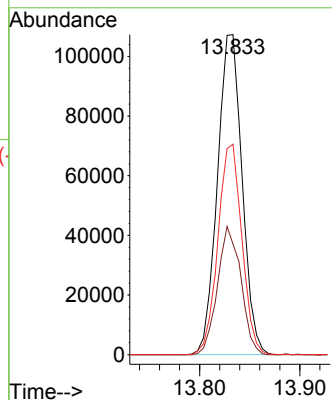


#91
1,2-Dichlorobenzene
Concen: 58.791 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :

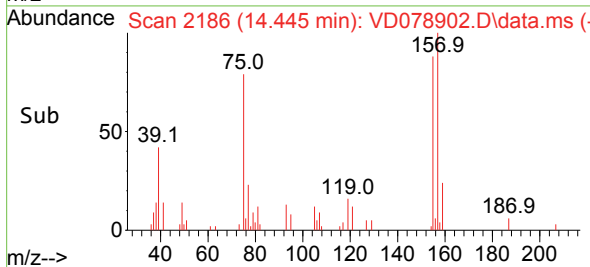
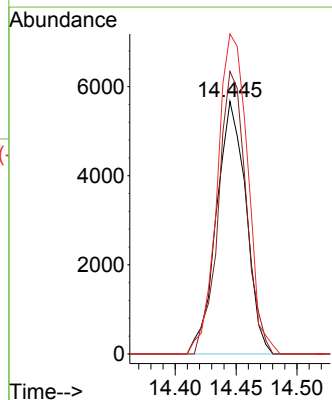
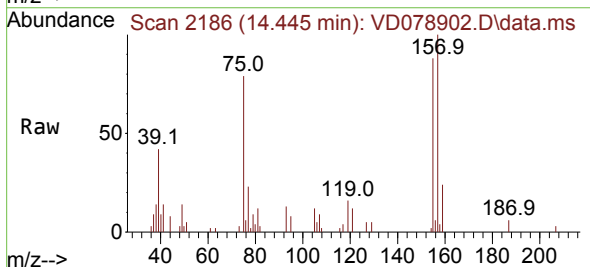


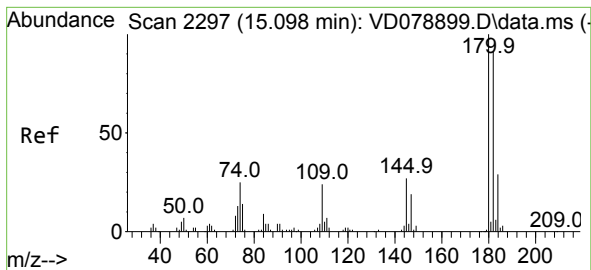
Tgt Ion:146 Resp: 183293
Ion Ratio Lower Upper
146 100
111 37.9 18.6 56.0
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.691 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion: 75 Resp: 9554
Ion Ratio Lower Upper
75 100
155 105.1 49.8 149.3
157 130.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 62.245 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

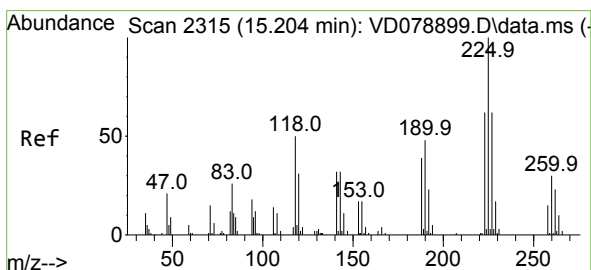
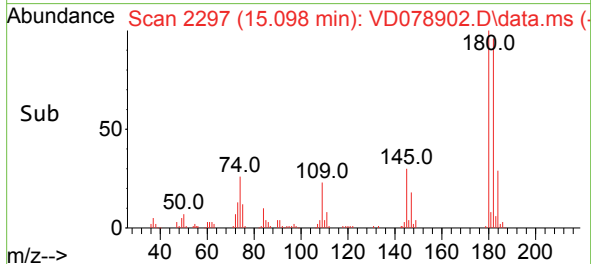
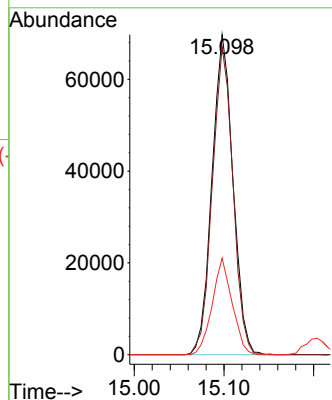
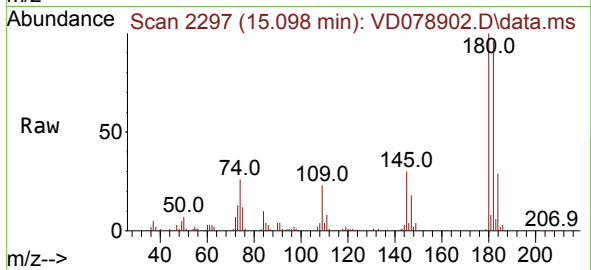
Tgt Ion:180 Resp: 113100

Ion Ratio Lower Upper

180 100

182 94.4 49.7 149.1

145 28.6 14.6 44.0



#94

Hexachlorobutadiene

Concen: 59.204 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078902.D

Acq: 10 May 2024 19:02

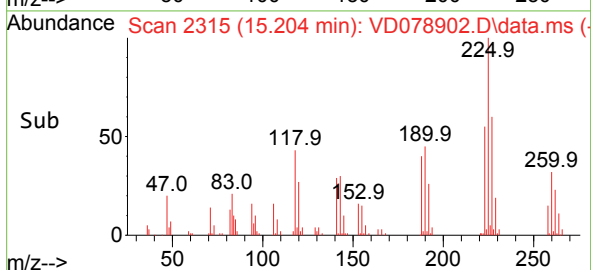
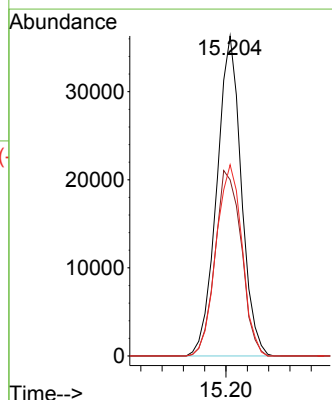
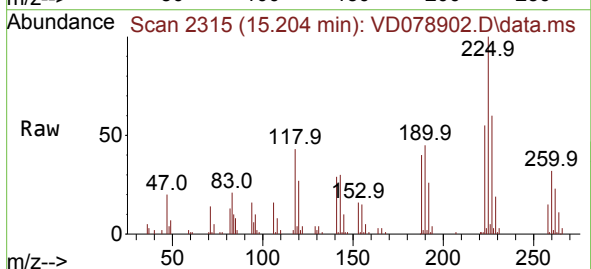
Tgt Ion:225 Resp: 58013

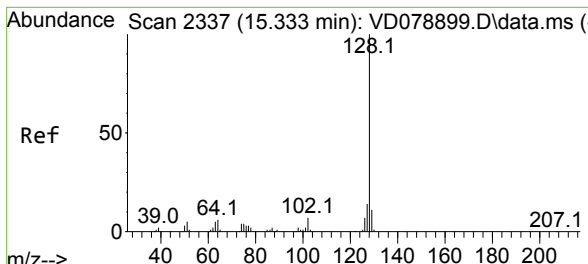
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.7

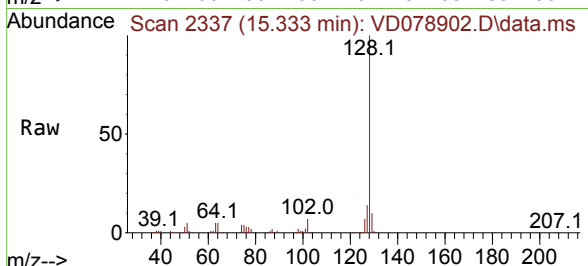
227 63.3 32.0 96.0



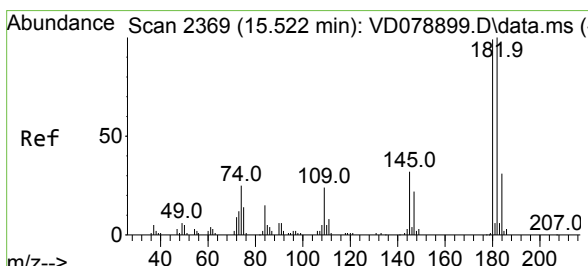
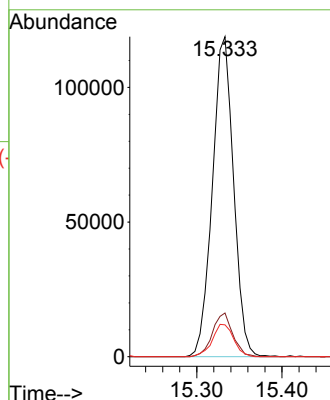
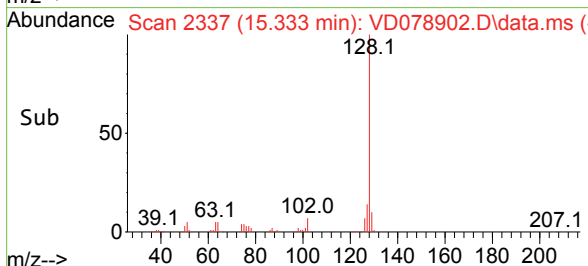


#95
Naphthalene
Concen: 64.465 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 205635
Ion Ratio Lower Upper
128 100
127 13.7 9.3 13.9
129 9.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 63.877 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078902.D
Acq: 10 May 2024 19:02

Tgt Ion:180 Resp: 101241
Ion Ratio Lower Upper
180 100
182 92.5 46.7 140.1
145 30.6 14.4 43.4

