

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078883.D
 Acq On : 07 May 2024 17:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	166442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58761	49.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.805	113	64071	50.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.269	98	246931	50.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.569	95	72424	51.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52236	43.219	ug/l	100
3) Chloromethane	2.146	50	87015	48.441	ug/l	95
4) Vinyl Chloride	2.281	62	137318	52.661	ug/l	94
5) Bromomethane	2.687	94	111931	43.019	ug/l	97
6) Chloroethane	2.828	64	111370	51.846	ug/l	98
7) Trichlorofluoromethane	3.175	101	118841	55.999	ug/l	97
8) Diethyl Ether	3.593	74	36116	62.414	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	72786	57.088	ug/l	98
10) Methyl Iodide	4.164	142	90492	59.127	ug/l	95
11) Tert butyl alcohol	5.058	59	16660	306.475	ug/l #	75
12) 1,1-Dichloroethene	3.934	96	70095	55.448	ug/l	84
13) Acrolein	3.793	56	23304	221.962	ug/l	97
14) Allyl chloride	4.552	41	73335	57.791	ug/l	99
15) Acrylonitrile	5.252	53	71799	311.701	ug/l	95
16) Acetone	4.022	43	52420	296.213	ug/l	97
17) Carbon Disulfide	4.269	76	221648	53.020	ug/l	100
18) Methyl Acetate	4.569	43	27280	62.184	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	155565	65.024	ug/l	98
20) Methylene Chloride	4.799	84	108673	69.843	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	81307	57.359	ug/l	86
22) Diisopropyl ether	6.211	45	180882	64.463	ug/l	99
23) Vinyl Acetate	6.152	43	542088	320.448	ug/l	96
24) 1,1-Dichloroethane	6.111	63	129821	57.467	ug/l	98
25) 2-Butanone	7.081	43	63816	257.134	ug/l	96
26) 2,2-Dichloropropane	7.075	77	93366	48.981	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	81405	50.277	ug/l	96
28) Bromochloromethane	7.428	49	38562	45.371	ug/l	95
29) Tetrahydrofuran	7.440	42	41446	285.399	ug/l	96
30) Chloroform	7.593	83	126466	50.166	ug/l	95
31) Cyclohexane	7.875	56	80395	45.630	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	106201	49.949	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86301	52.566	ug/l	98
37) Ethyl Acetate	7.169	43	30533	56.228	ug/l	97
38) Carbon Tetrachloride	7.993	117	97718	51.708	ug/l	94
39) Methylcyclohexane	9.275	83	106091	52.444	ug/l	94
40) Benzene	8.252	78	280685	52.206	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16455	61.364	ug/l	95
42) 1,2-Dichloroethane	8.322	62	68286	53.798	ug/l	99
43) Isopropyl Acetate	8.363	43	56709	57.093	ug/l #	82
44) Trichloroethene	9.028	130	69495	51.313	ug/l	92
45) 1,2-Dichloropropane	9.305	63	62530	53.032	ug/l	98
46) Dibromomethane	9.387	93	41215	54.905	ug/l	98
47) Bromodichloromethane	9.581	83	98607	53.050	ug/l	98
48) Methyl methacrylate	9.381	41	24211	52.002	ug/l	86
49) 1,4-Dioxane	9.381	88	8604	1256.028	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	153408	288.417	ug/l	99
52) Toluene	10.334	92	182264	53.971	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	83993	53.891	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	102733	54.575	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	52961	54.394	ug/l	94
56) Ethyl methacrylate	10.599	69	58214	58.190	ug/l	98
57) 1,3-Dichloropropane	10.881	76	83592	54.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	131076	300.057	ug/l	98
59) 2-Hexanone	10.922	43	108881	289.107	ug/l	99
60) Dibromochloromethane	11.075	129	73292	55.538	ug/l	99
61) 1,2-Dibromoethane	11.175	107	50474	55.898	ug/l	99
64) Tetrachloroethene	10.810	164	59489	52.401	ug/l	96
65) Chlorobenzene	11.604	112	207401	54.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	73394	54.945	ug/l	99
67) Ethyl Benzene	11.681	91	341840	54.711	ug/l	100
68) m/p-Xylenes	11.793	106	287599	113.684	ug/l	95
69) o-Xylene	12.116	106	131773	56.974	ug/l	98
70) Styrene	12.134	104	234653	57.701	ug/l	99
71) Bromoform	12.298	173	43138	59.647	ug/l #	97
73) Isopropylbenzene	12.416	105	326700	52.188	ug/l	99
74) N-amyl acetate	12.234	43	55170	52.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	61591	52.512	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	72140	93.370	ug/l #	100
77) Bromobenzene	12.698	156	81896	50.919	ug/l	98
78) n-propylbenzene	12.763	91	397522	52.398	ug/l	98
79) 2-Chlorotoluene	12.846	91	218412	51.580	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	275650	53.027	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20776	52.539	ug/l	95
82) 4-Chlorotoluene	12.946	91	231059	51.168	ug/l	98
83) tert-Butylbenzene	13.163	119	237775	53.141	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	287913	54.110	ug/l	99
85) sec-Butylbenzene	13.345	105	363598	53.513	ug/l	100
86) p-Isopropyltoluene	13.457	119	317004	53.836	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	177267	52.628	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	171586	51.461	ug/l	99
89) n-Butylbenzene	13.787	91	278320	53.018	ug/l	99
90) Hexachloroethane	14.051	117	64146	50.919	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	150944	52.362	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8322	52.116	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	88651	55.357	ug/l	94
94) Hexachlorobutadiene	15.204	225	46313	56.453	ug/l	98
95) Naphthalene	15.334	128	162630	56.367	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	79942	56.348	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration

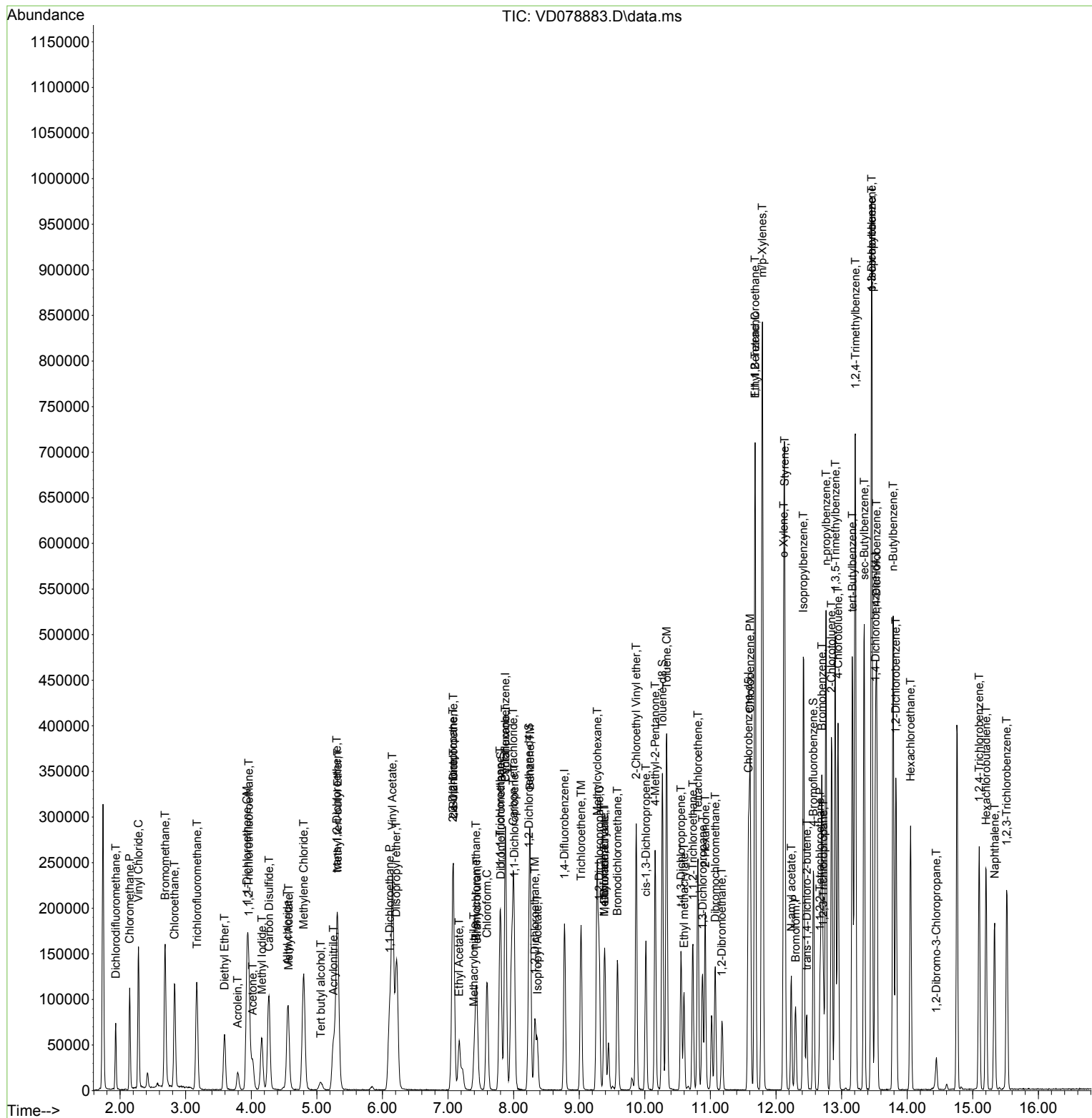
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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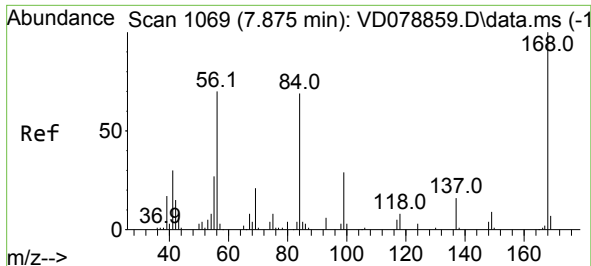
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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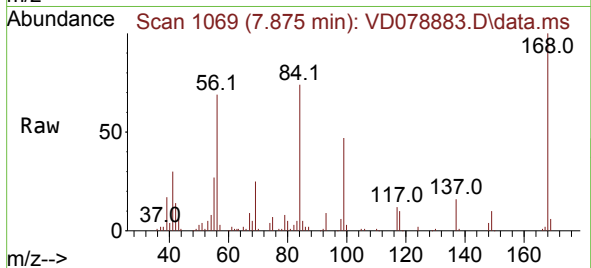
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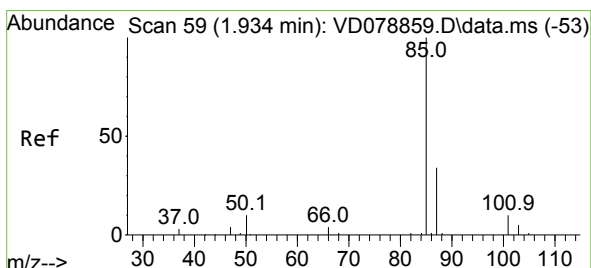
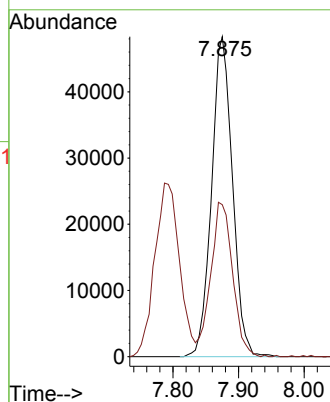
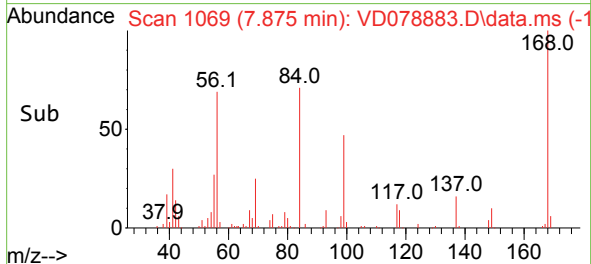


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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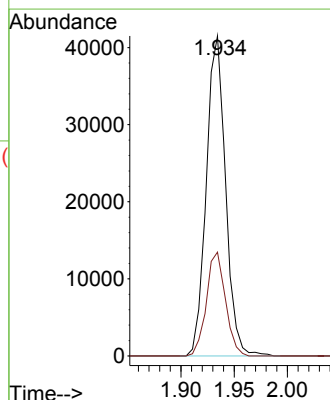
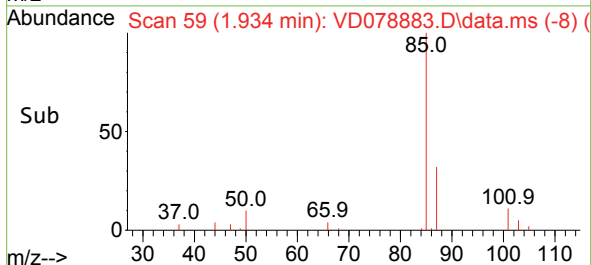
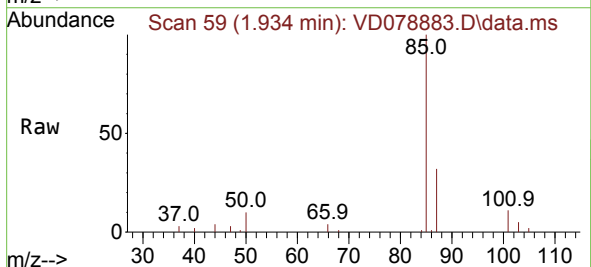


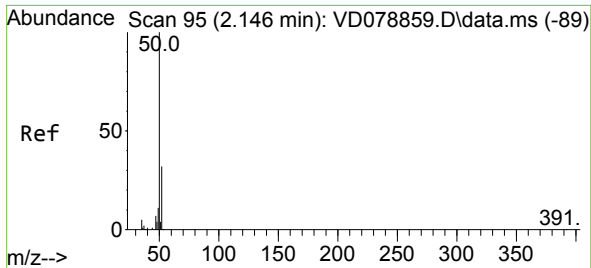
Tgt Ion:168 Resp: 106917
Ion Ratio Lower Upper
168 100
99 47.5 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 43.219 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 85 Resp: 52236
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.5

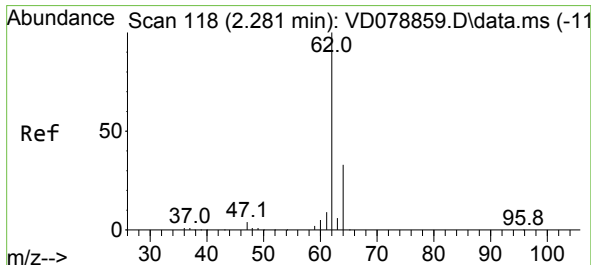
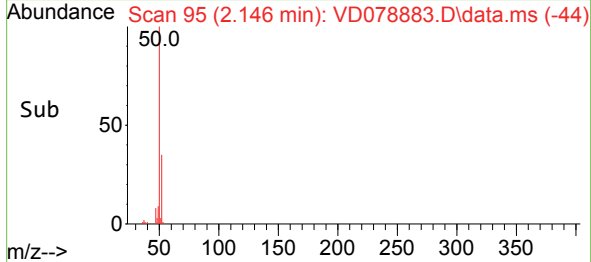
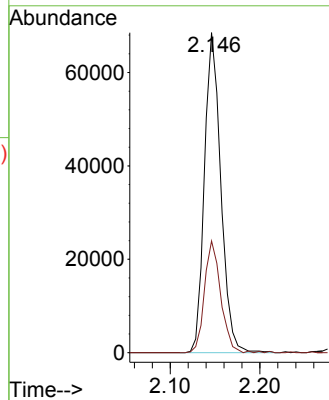
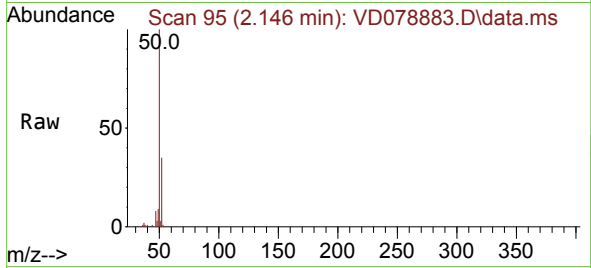




#3
Chloromethane
Concen: 48.441 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

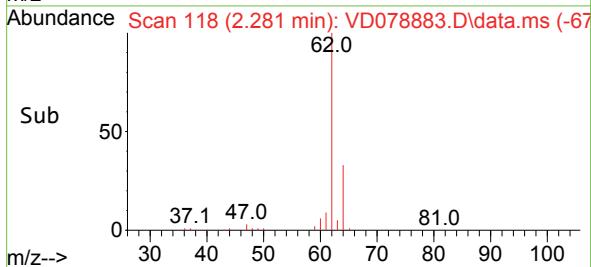
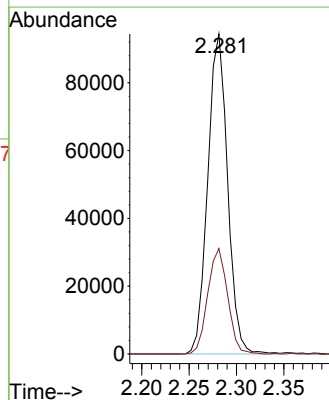
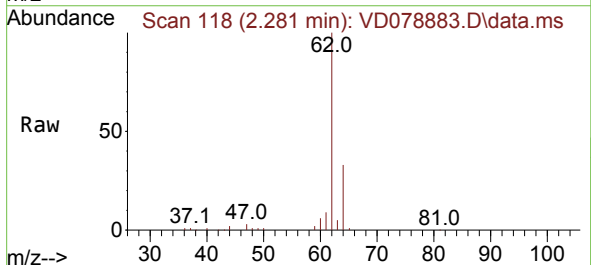
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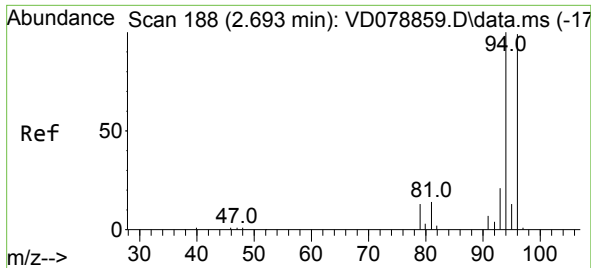
Tgt Ion: 50 Resp: 87015
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4



#4
Vinyl Chloride
Concen: 52.661 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 62 Resp: 137318
Ion Ratio Lower Upper
62 100
64 33.0 23.7 35.5

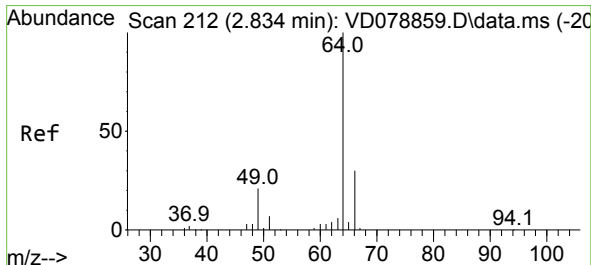
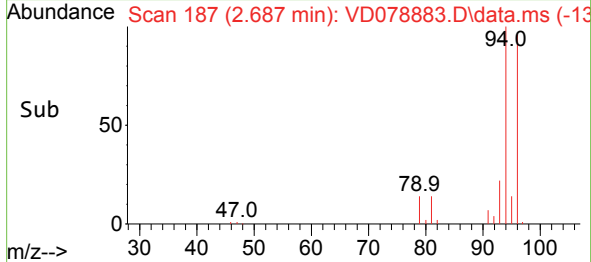
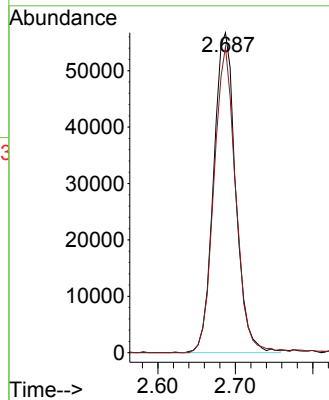
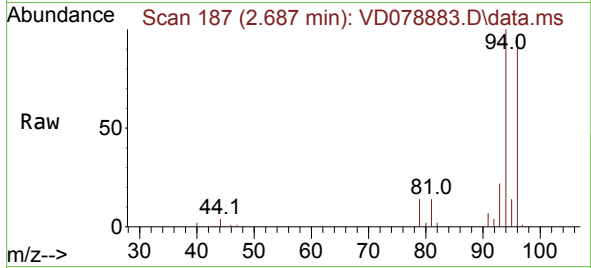




#5
Bromomethane
Concen: 43.019 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078883.D
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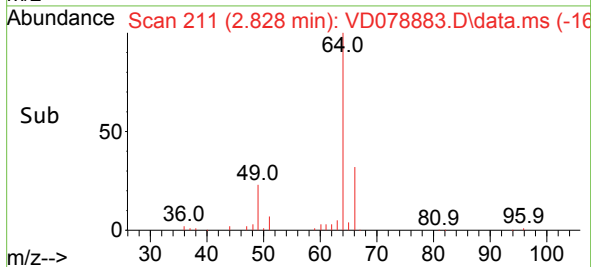
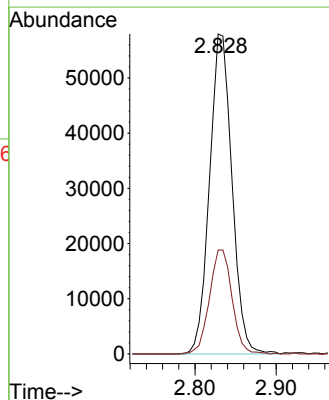
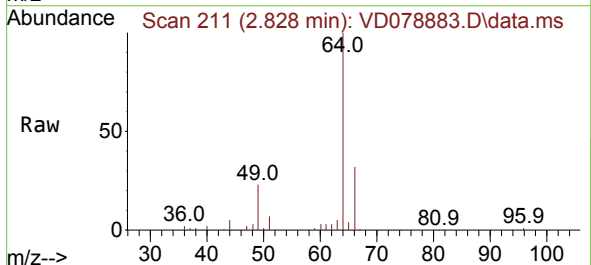
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MSVOA_D
ClientSampleId :

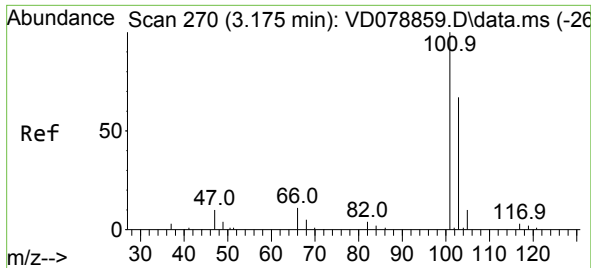
Tgt Ion: 94 Resp: 111931
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 51.846 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078883.D
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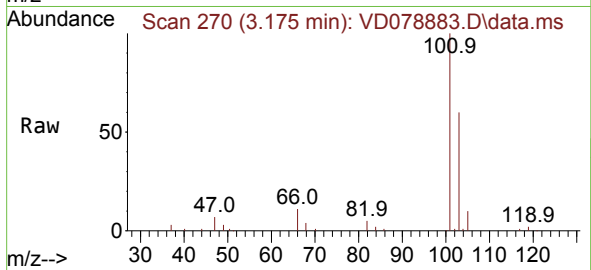
Tgt Ion: 64 Resp: 111370
Ion Ratio Lower Upper
64 100
66 32.5 26.8 40.2



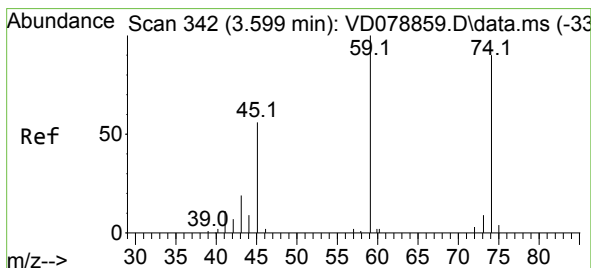
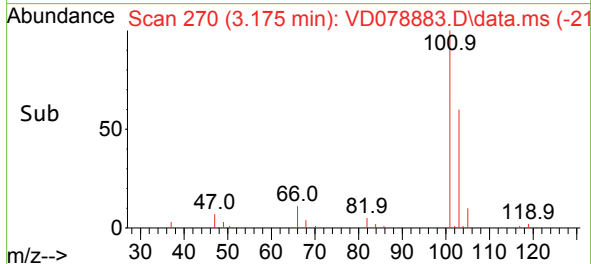
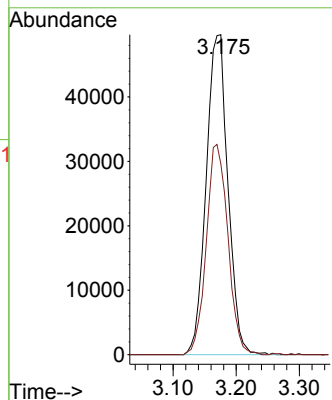


#7
 Trichlorofluoromethane
 Concen: 55.999 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078883.D
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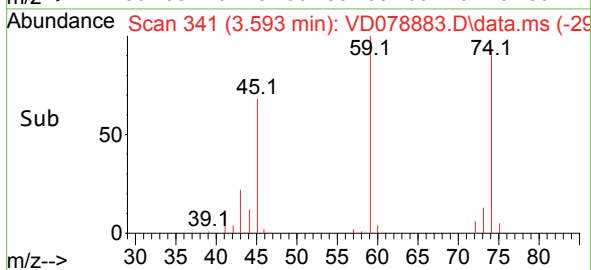
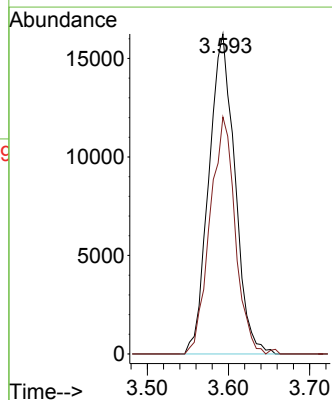
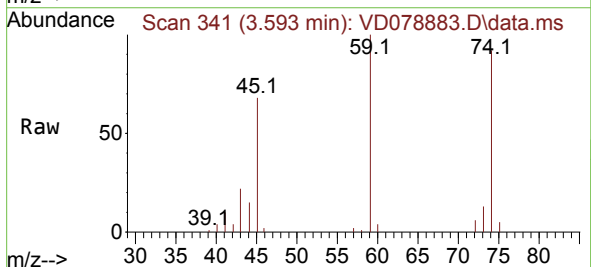


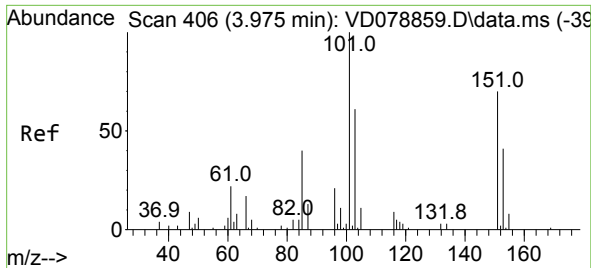
Tgt Ion:101 Resp: 118841
 Ion Ratio Lower Upper
 101 100
 103 59.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 62.414 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 36116
 Ion Ratio Lower Upper
 74 100
 45 71.8 42.4 127.3

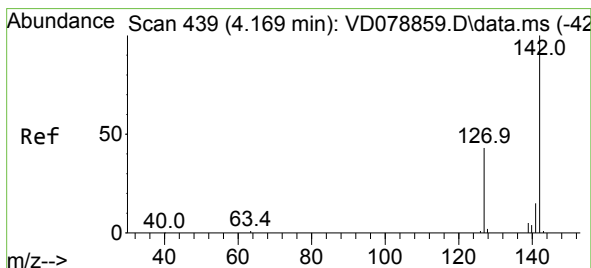
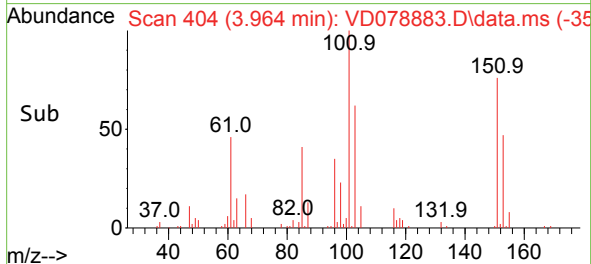
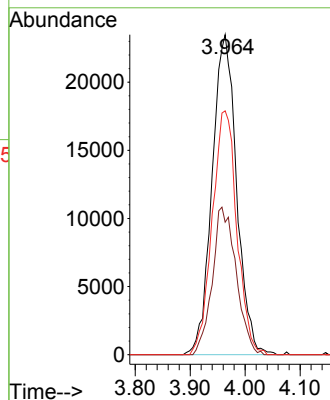
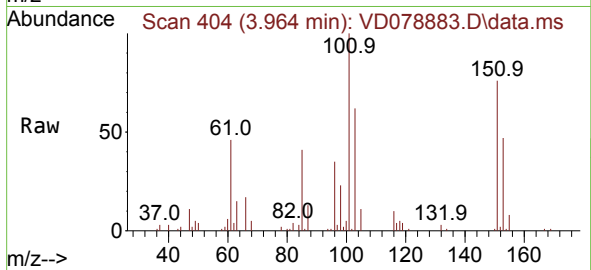




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.088 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

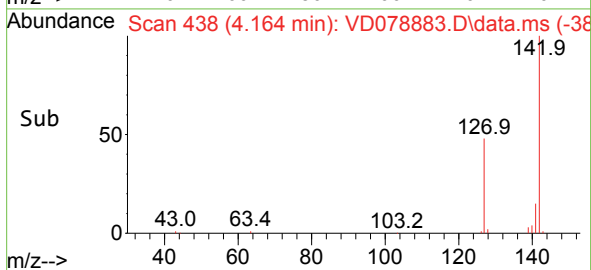
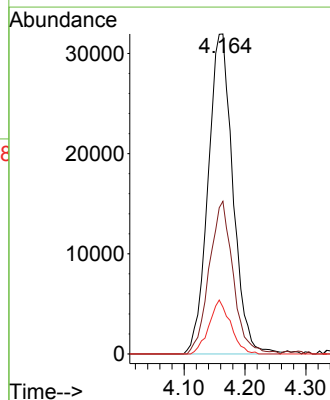
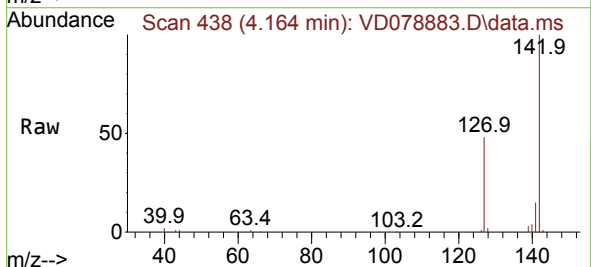
Instrument :
MSVOA_D
ClientSampleId :

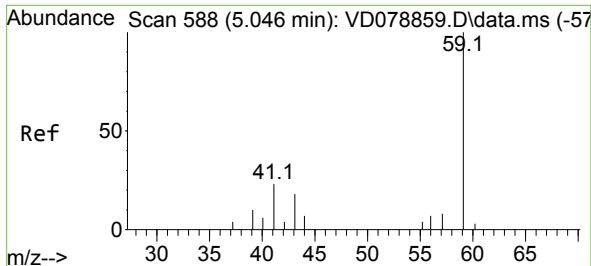
Tgt Ion:101 Resp: 72786
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 76.6 59.4 89.2



#10
Methyl Iodide
Concen: 59.127 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:142 Resp: 90492
Ion Ratio Lower Upper
142 100
127 46.0 33.5 50.3
141 14.7 11.7 17.5

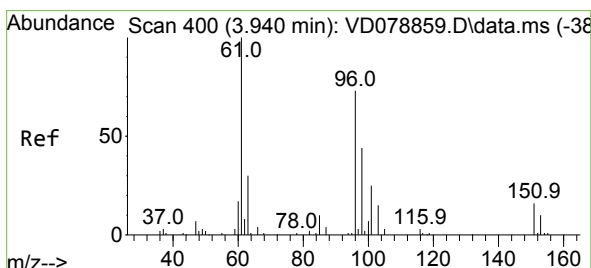
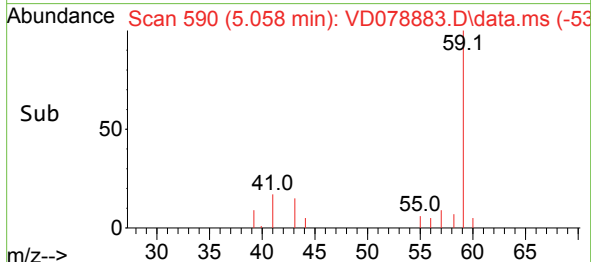
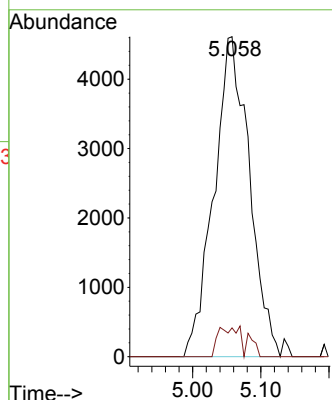
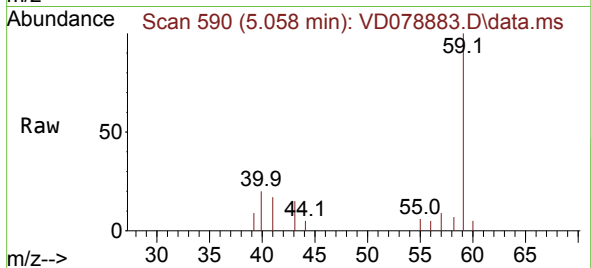




#11
Tert butyl alcohol
Concen: 306.475 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

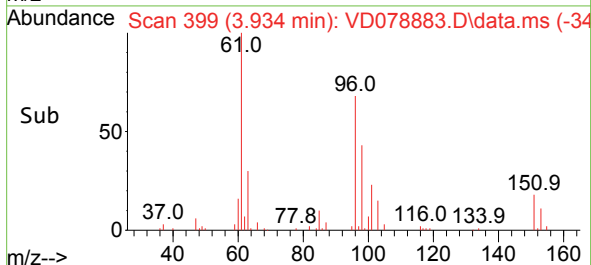
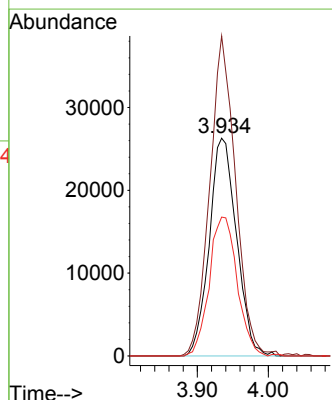
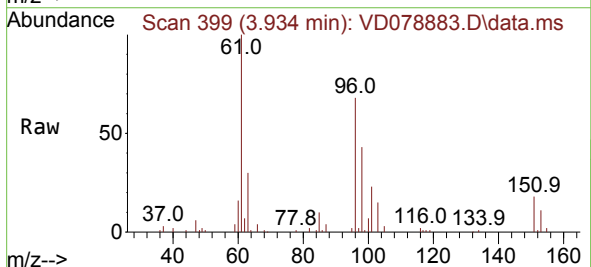
Instrument :
MSVOA_D
ClientSampleId :

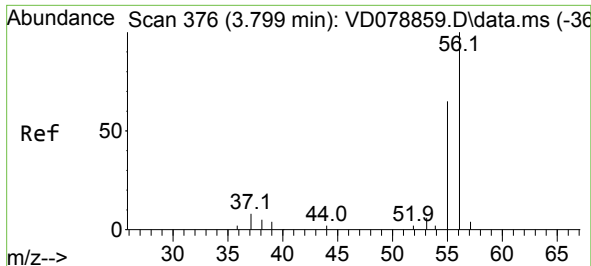
Tgt Ion: 59 Resp: 16660
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 55.448 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 96 Resp: 70095
Ion Ratio Lower Upper
96 100
61 146.9 101.4 152.0
98 63.7 43.4 65.0





#13

Acrolein

Concen: 221.962 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

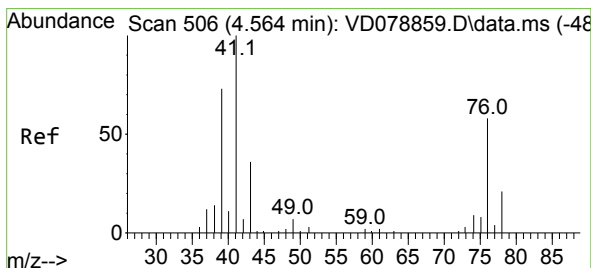
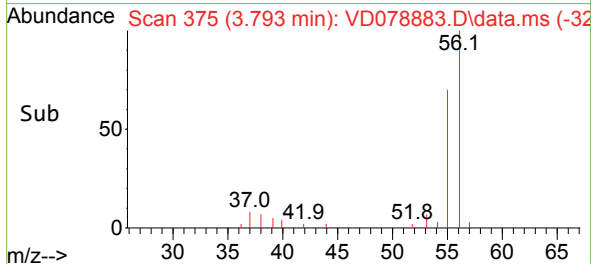
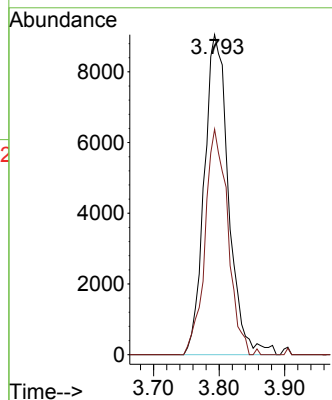
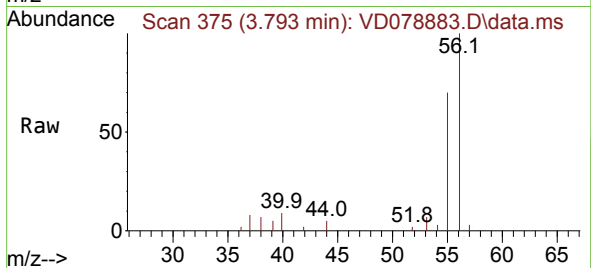
ClientSampleId :

Tgt Ion: 56 Resp: 23304

Ion Ratio Lower Upper

56 100

55 66.0 54.9 82.3



#14

Allyl chloride

Concen: 57.791 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.012 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

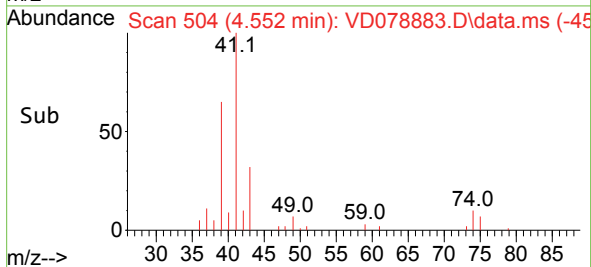
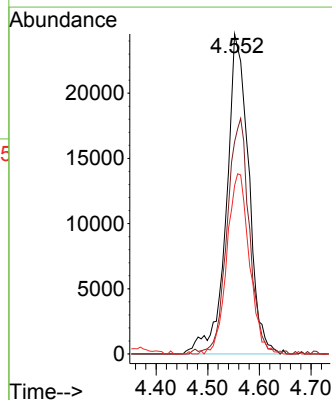
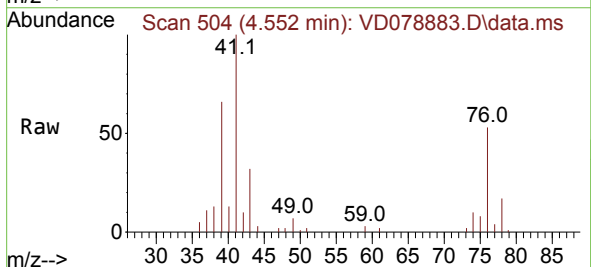
Tgt Ion: 41 Resp: 73335

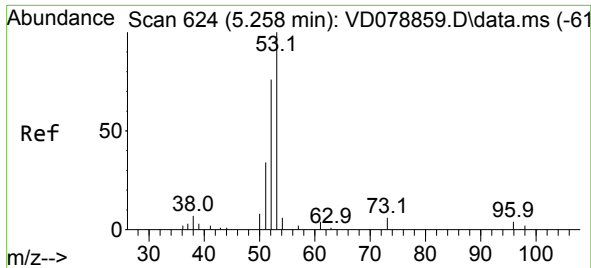
Ion Ratio Lower Upper

41 100

39 73.0 57.8 86.6

76 57.0 44.8 67.2

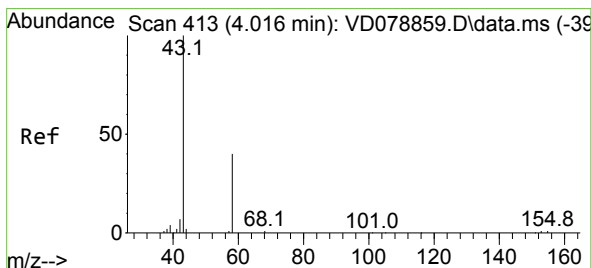
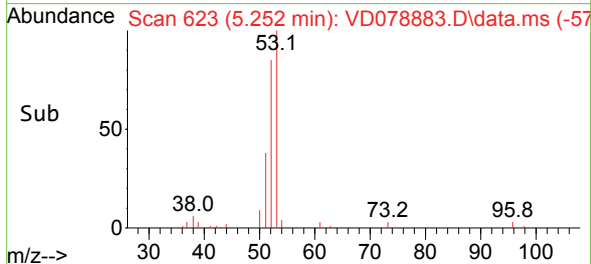
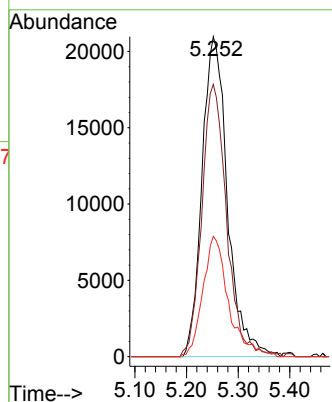
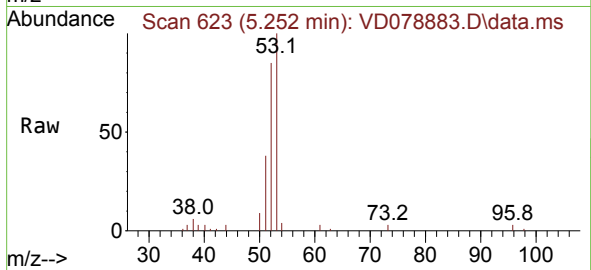




#15
Acrylonitrile
Concen: 311.701 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

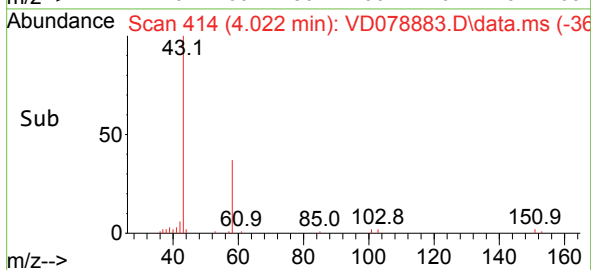
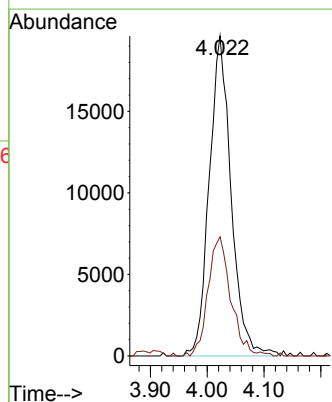
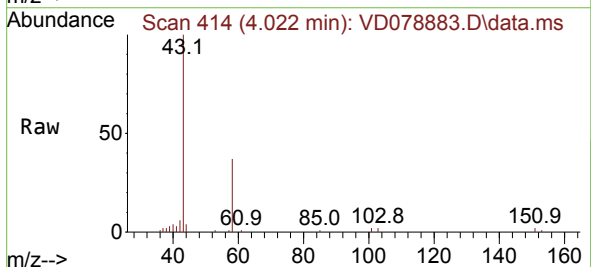
Instrument :
MSVOA_D
ClientSampleId :

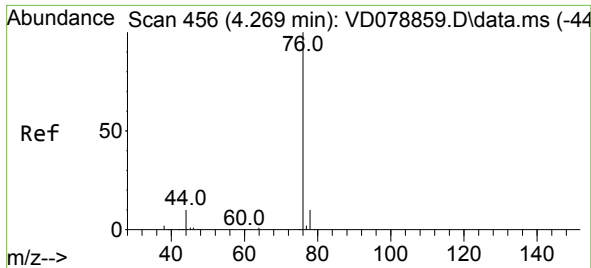
Tgt Ion:	53	Resp:	71799
Ion	Ratio	Lower	Upper
53	100		
52	82.4	61.9	92.9
51	37.9	29.0	43.4



#16
Acetone
Concen: 296.213 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:	43	Resp:	52420
Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.2	42.4

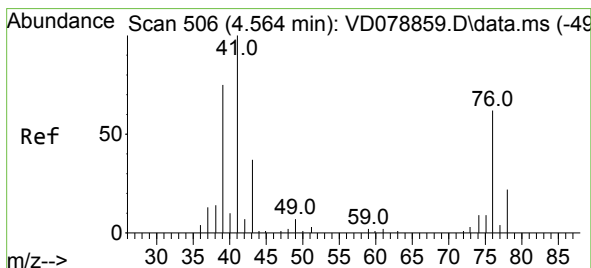
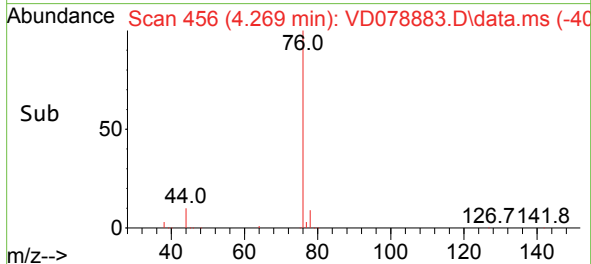
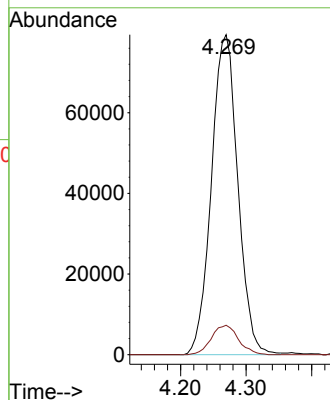
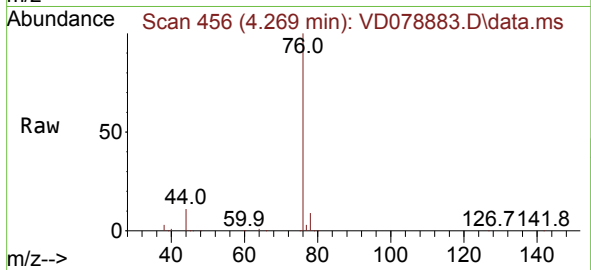




#17
Carbon Disulfide
Concen: 53.020 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

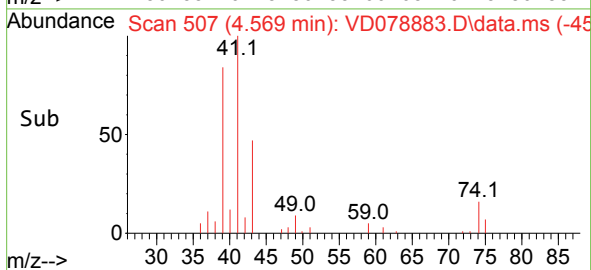
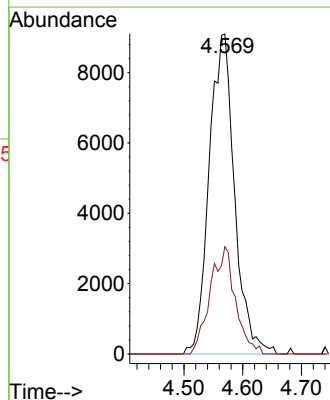
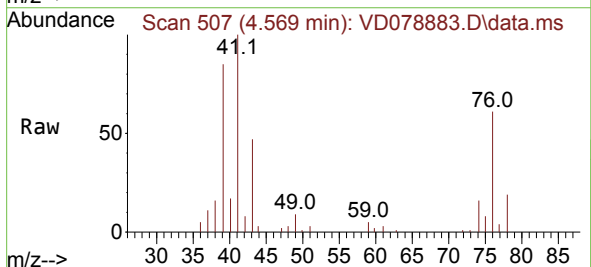
Instrument :
MSVOA_D
ClientSampleId :

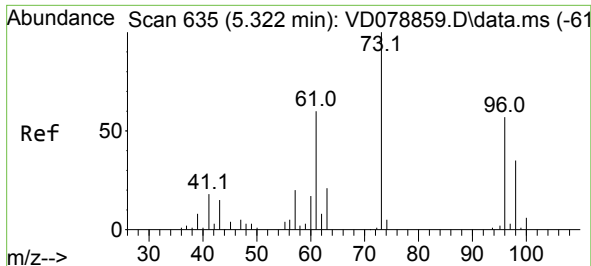
Tgt Ion: 76 Resp: 221648
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 62.184 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 43 Resp: 27280
Ion Ratio Lower Upper
43 100
74 33.2 25.3 37.9

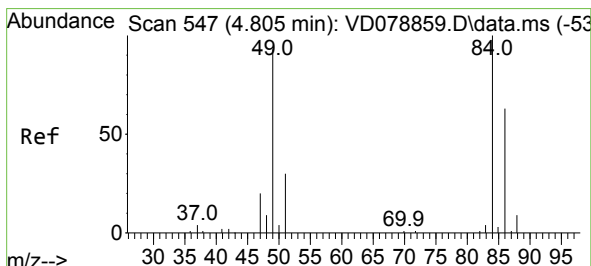
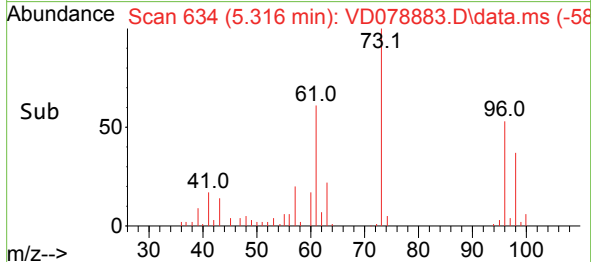
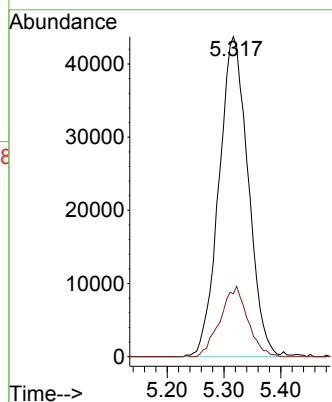
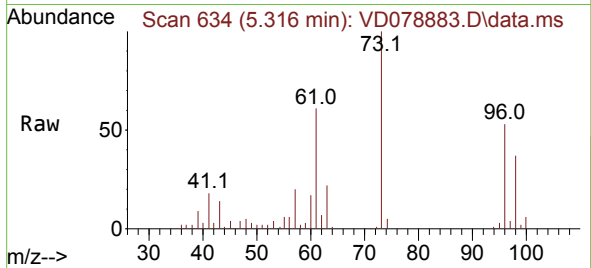




#19
Methyl tert-butyl Ether
Concen: 65.024 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

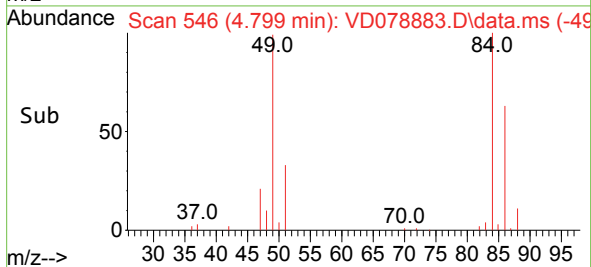
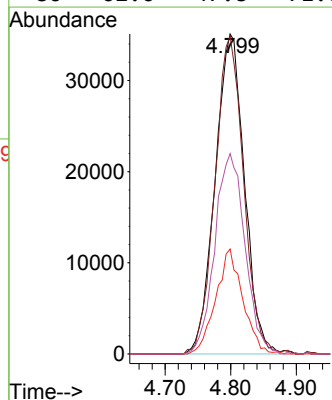
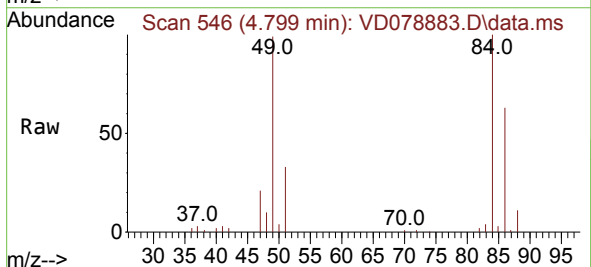
Instrument :
MSVOA_D
ClientSampleId :

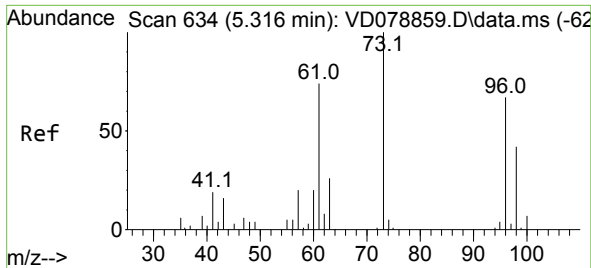
Tgt Ion: 73 Resp: 155565
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6



#20
Methylene Chloride
Concen: 69.843 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

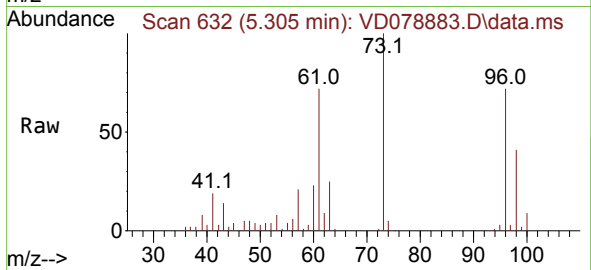
Tgt Ion: 84 Resp: 108673
Ion Ratio Lower Upper
84 100
49 99.3 75.6 113.4
51 32.8 23.4 35.0
86 62.6 47.8 71.6



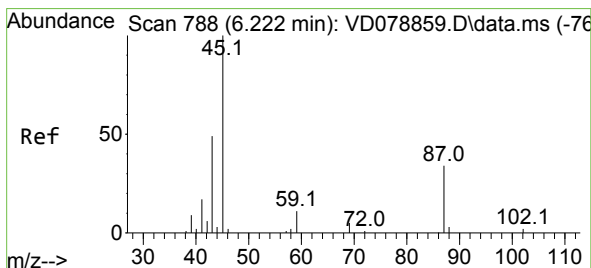
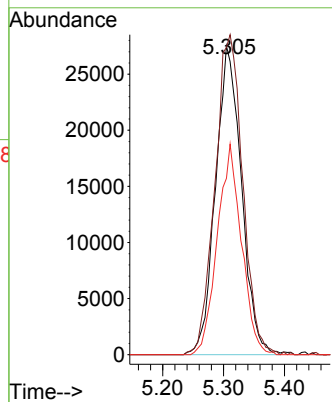
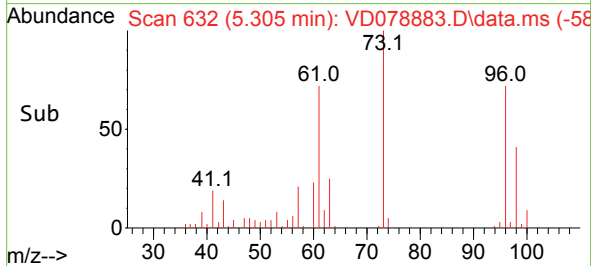


#21
trans-1,2-Dichloroethene
Concen: 57.359 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

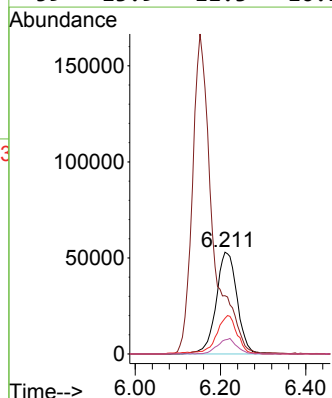
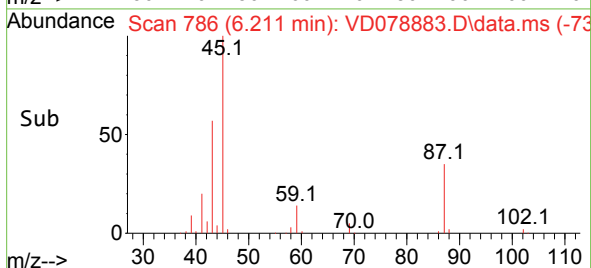
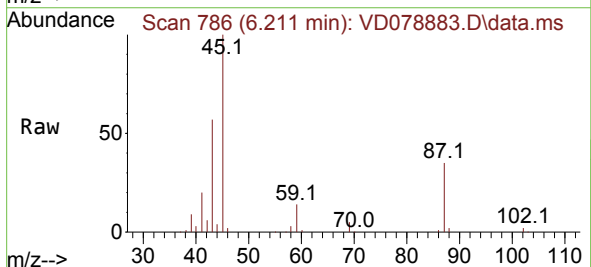


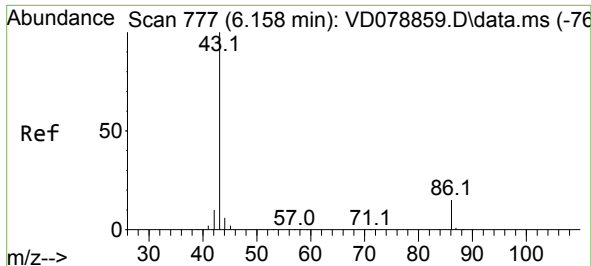
Tgt Ion: 96 Resp: 81307
Ion Ratio Lower Upper
96 100
61 99.5 96.1 144.1
98 57.1 48.9 73.3



#22
Diisopropyl ether
Concen: 64.463 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 45 Resp: 180882
Ion Ratio Lower Upper
45 100
43 56.6 44.3 66.5
87 35.1 28.3 42.5
59 13.9 11.3 16.9

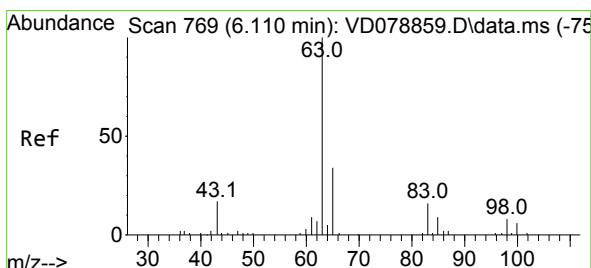
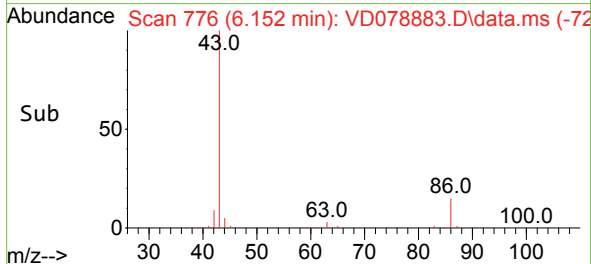
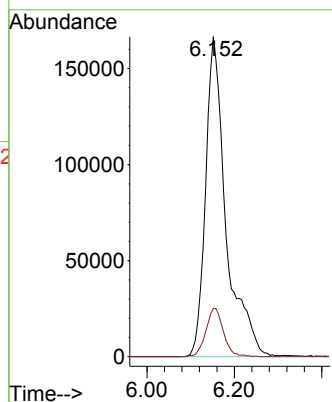
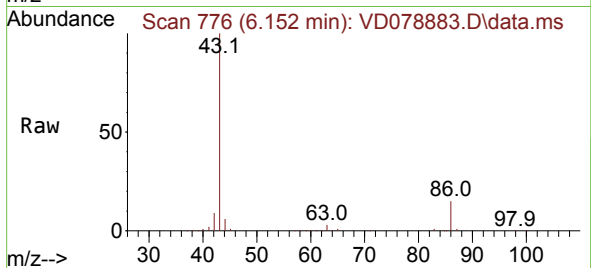




#23
 Vinyl Acetate
 Concen: 320.448 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

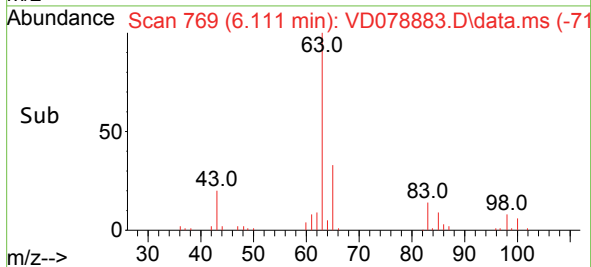
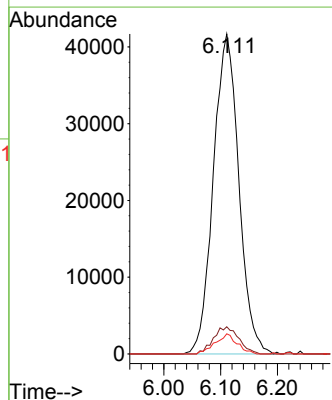
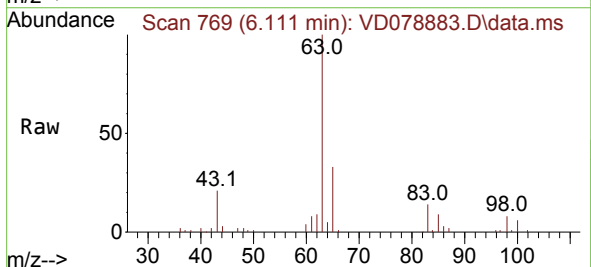
Instrument :
 MSVOA_D
 ClientSampleId :

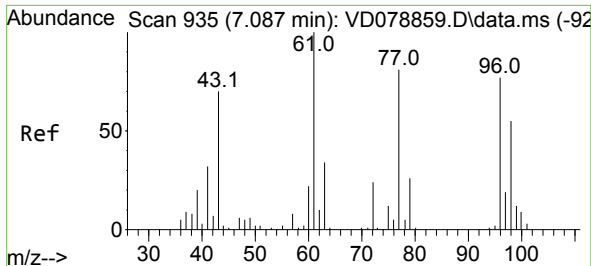
Tgt Ion: 43 Resp: 542088
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 57.467 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

Tgt Ion: 63 Resp: 129821
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 6.3 2.7 8.1

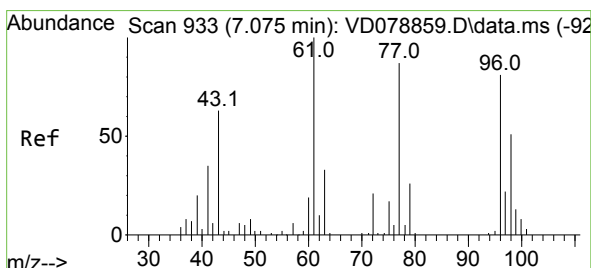
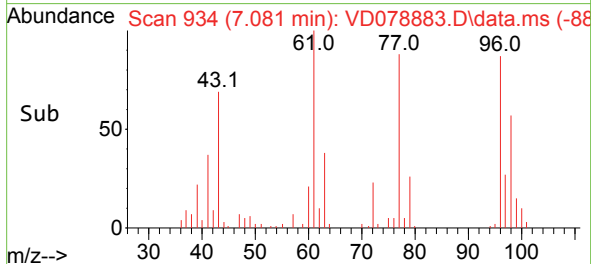
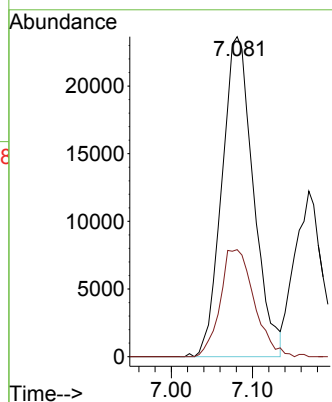
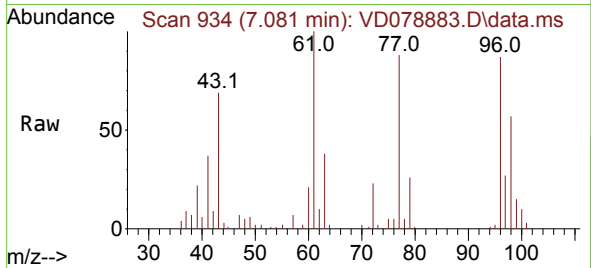




#25
2-Butanone
Concen: 257.134 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

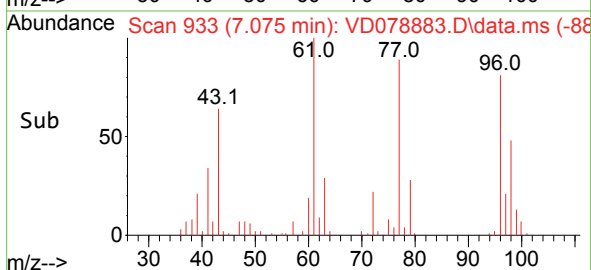
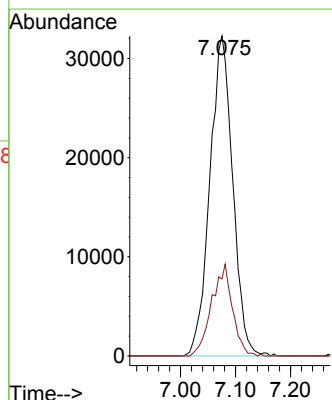
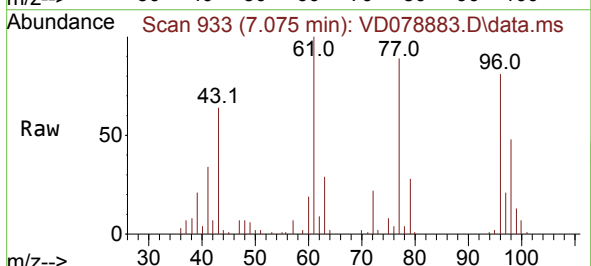
Instrument :
MSVOA_D
ClientSampleId :

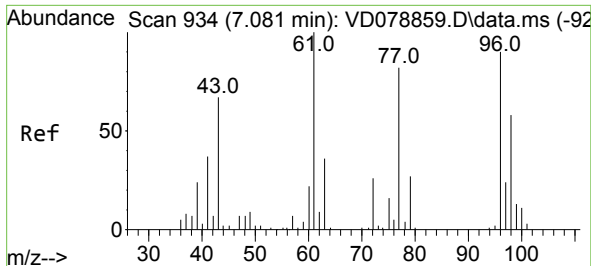
Tgt Ion: 43 Resp: 63816
Ion Ratio Lower Upper
43 100
72 33.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 48.981 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 77 Resp: 93366
Ion Ratio Lower Upper
77 100
97 26.1 12.4 37.0

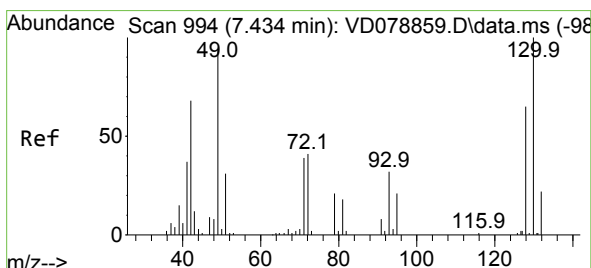
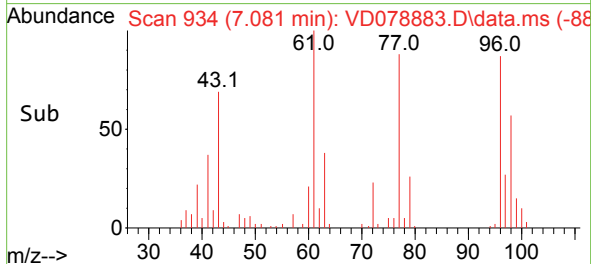
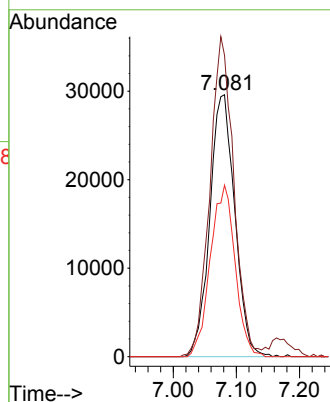
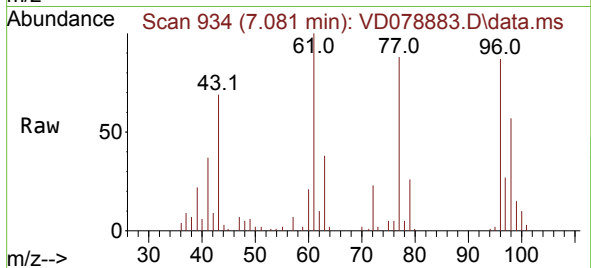




#27
cis-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

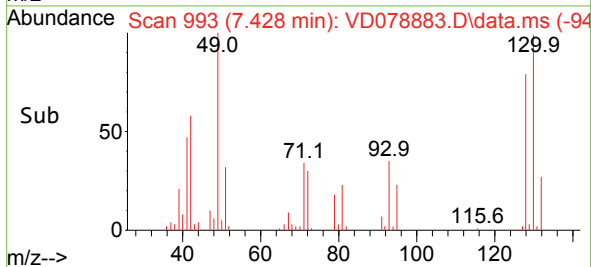
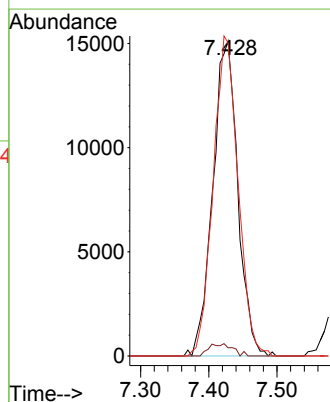
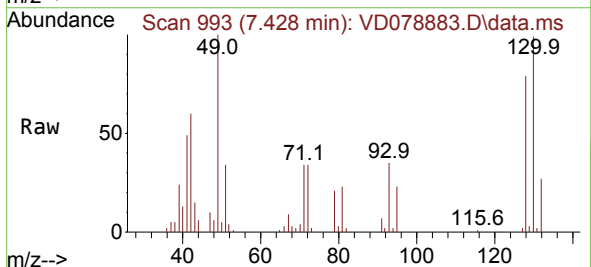
Instrument :
MSVOA_D
ClientSampleId :

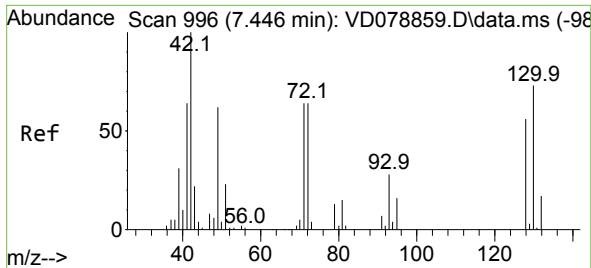
Tgt Ion: 96 Resp: 81405
Ion Ratio Lower Upper
96 100
61 117.1 0.0 245.0
98 64.8 0.0 126.6



#28
Bromochloromethane
Concen: 45.371 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 49 Resp: 38562
Ion Ratio Lower Upper
49 100
129 3.7 0.0 6.2
130 101.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 285.399 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

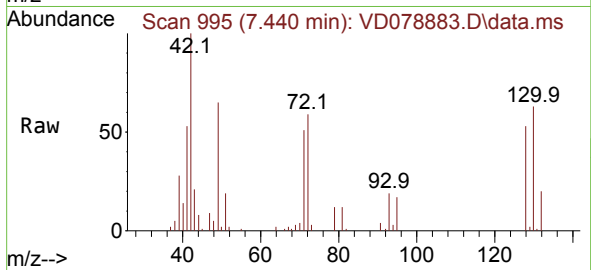
Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :



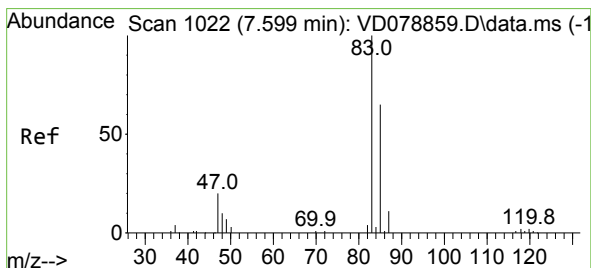
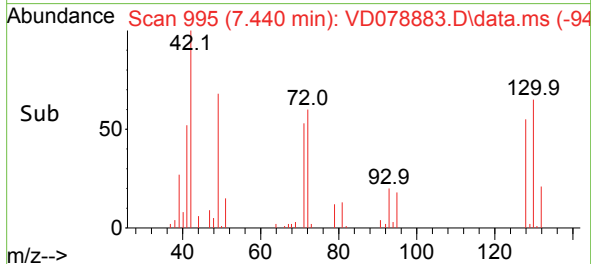
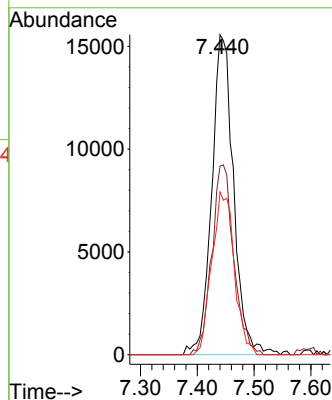
Tgt Ion: 42 Resp: 41446

Ion Ratio Lower Upper

42 100

72 59.6 43.8 65.6

71 52.6 42.0 63.0



#30

Chloroform

Concen: 50.166 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078883.D

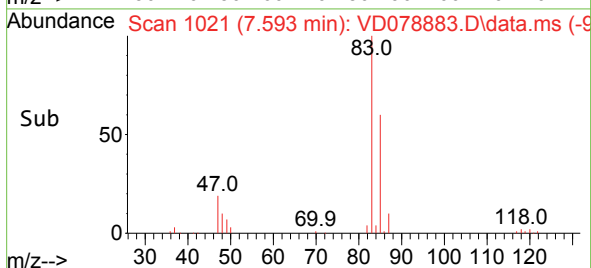
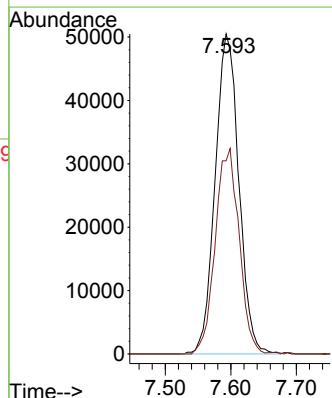
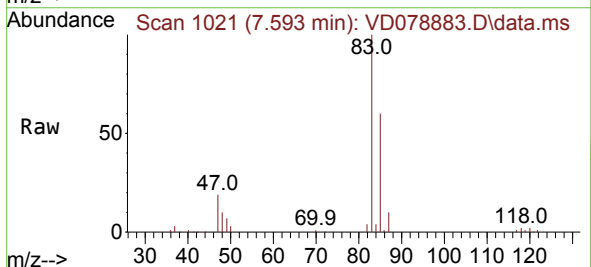
Acq: 07 May 2024 17:25

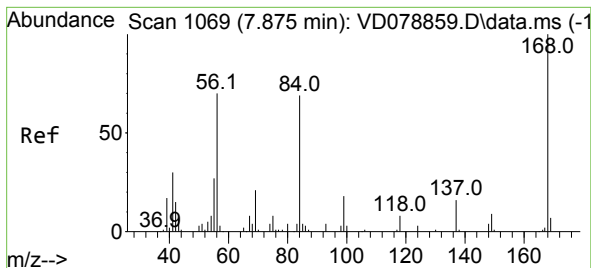
Tgt Ion: 83 Resp: 126466

Ion Ratio Lower Upper

83 100

85 60.3 51.2 76.8





#31

Cyclohexane

Concen: 45.630 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

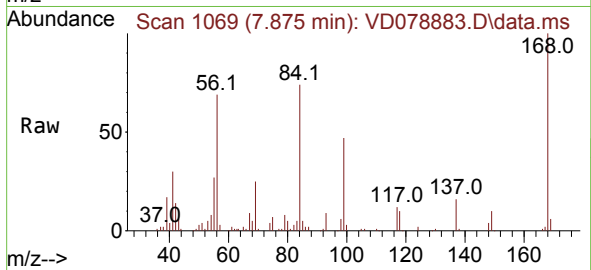
Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :



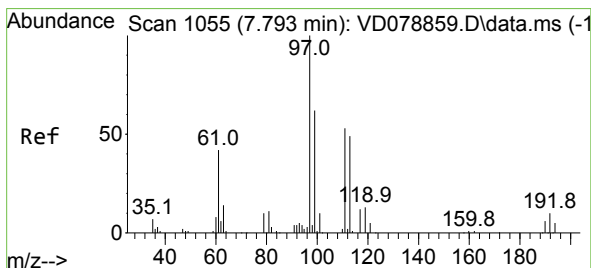
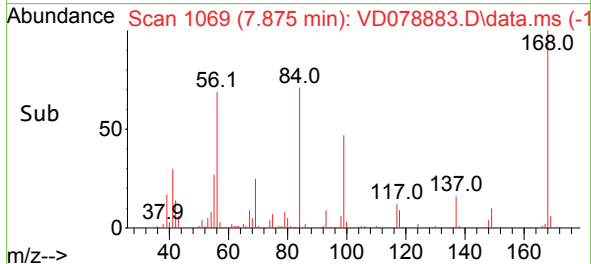
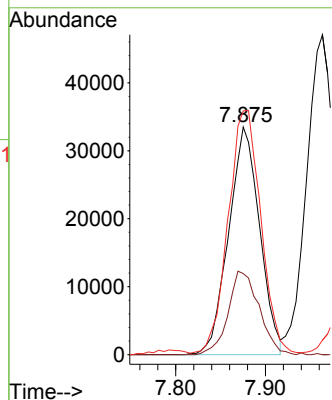
Tgt Ion: 56 Resp: 80395

Ion Ratio Lower Upper

56 100

69 35.6 26.6 40.0

84 105.4 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 49.949 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

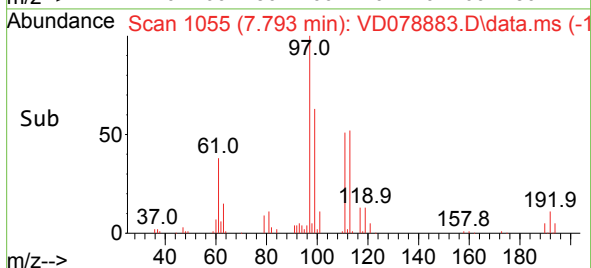
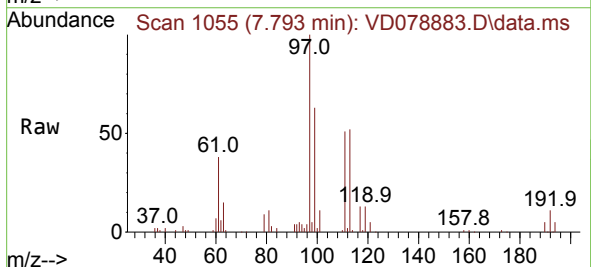
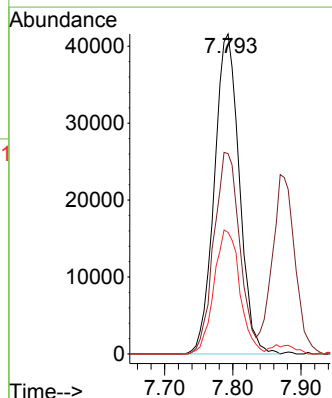
Tgt Ion: 97 Resp: 106201

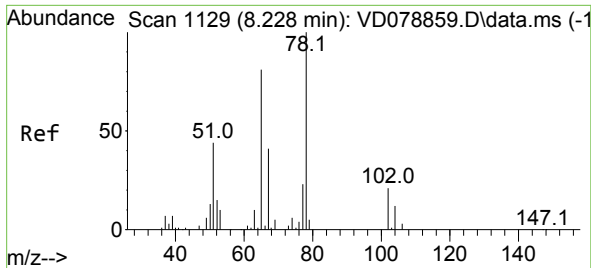
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 40.0 33.0 49.6

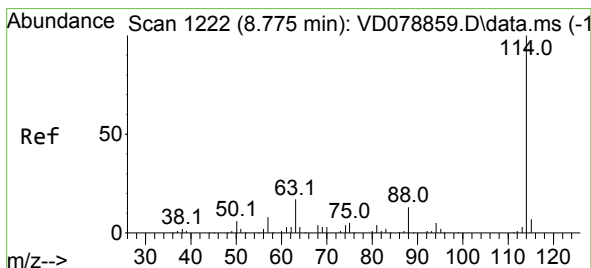
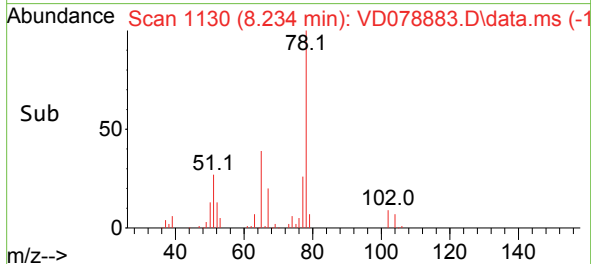
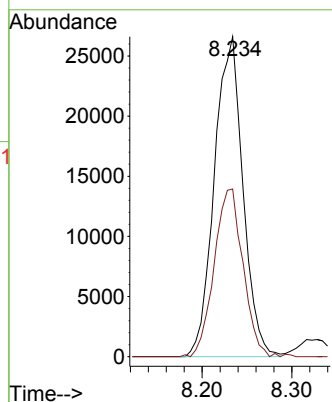
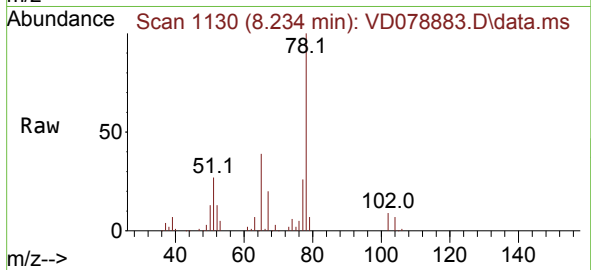




#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

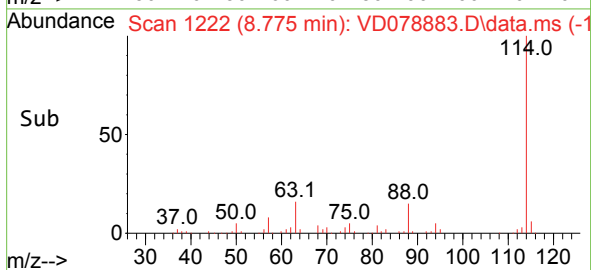
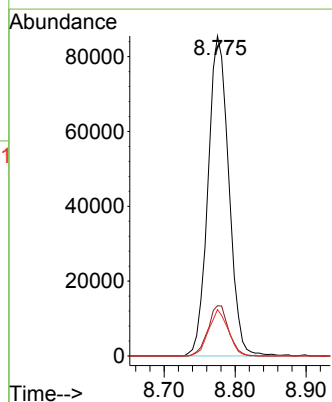
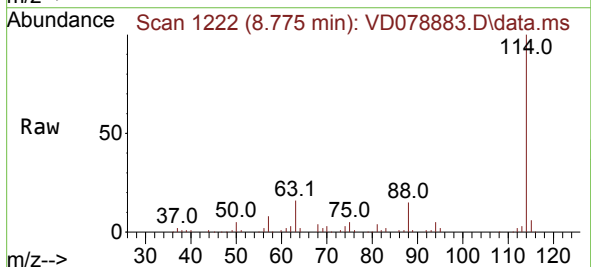
Instrument :
MSVOA_D
ClientSampleId :

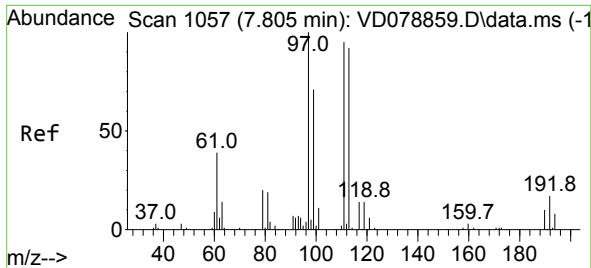
Tgt Ion: 65 Resp: 58761
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

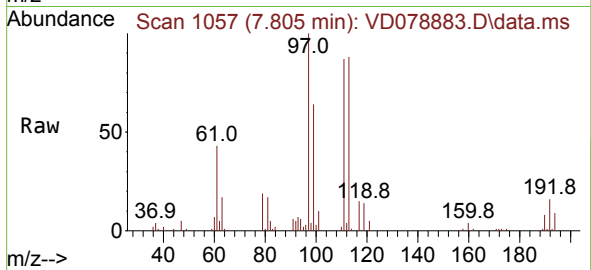
Tgt Ion: 114 Resp: 173839
Ion Ratio Lower Upper
114 100
63 15.7 0.0 33.4
88 14.5 0.0 24.6



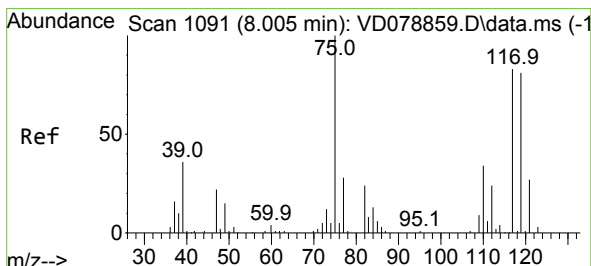
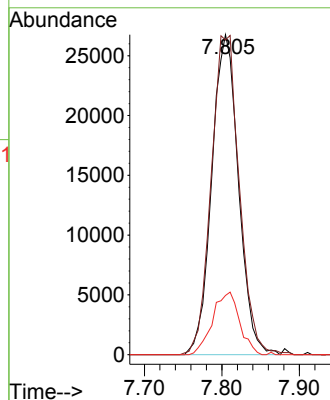
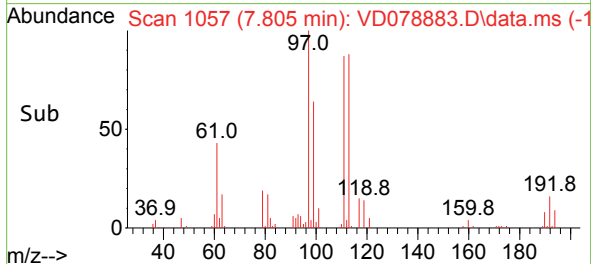


#35
Dibromofluoromethane
Concen: 50.197 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

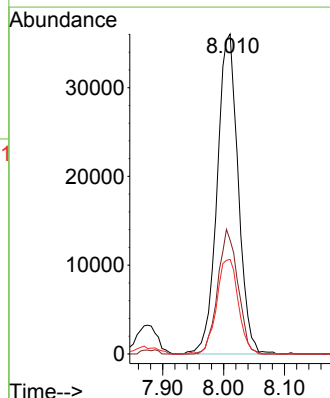
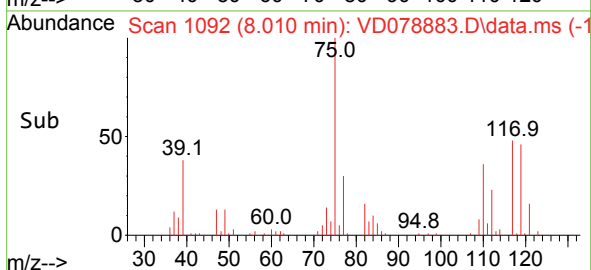
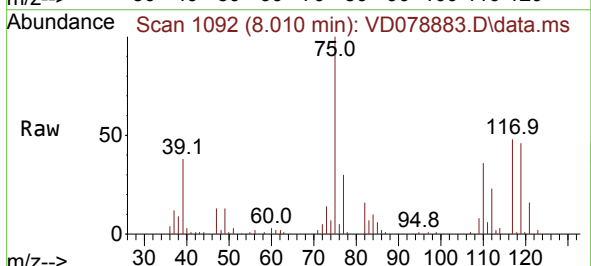


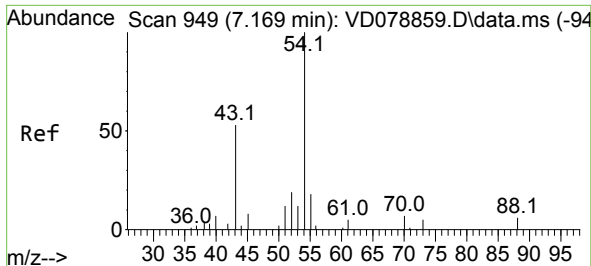
Tgt Ion:113 Resp: 64071
Ion Ratio Lower Upper
113 100
111 105.1 81.9 122.9
192 19.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 52.566 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

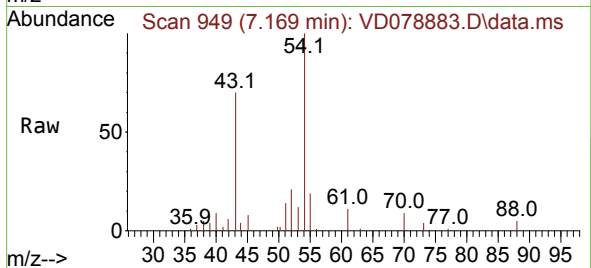
Tgt Ion: 75 Resp: 86301
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.1
77 30.6 25.4 38.2



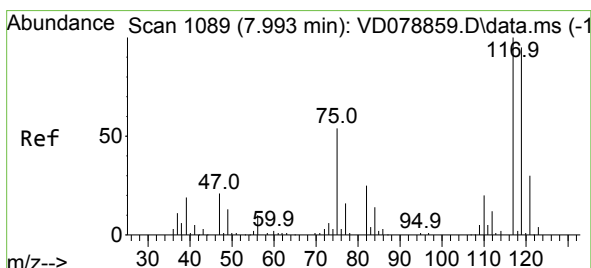
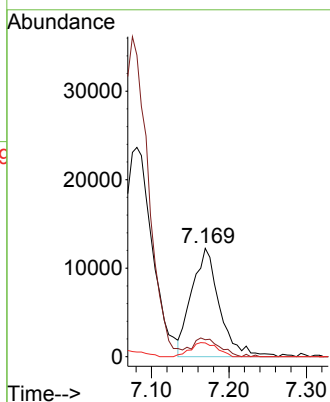
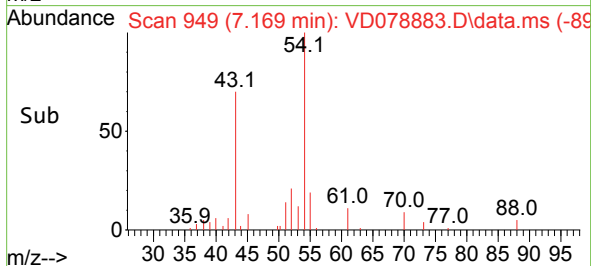


#37
Ethyl Acetate
Concen: 56.228 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

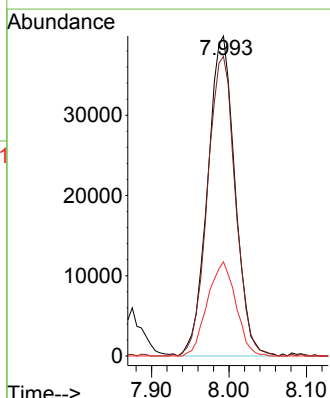
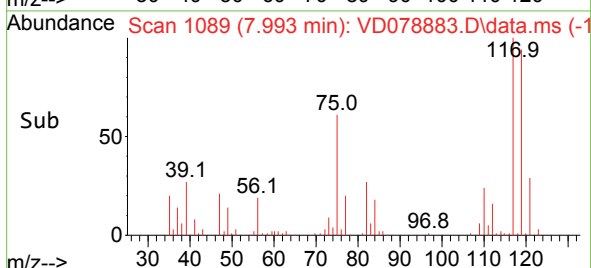
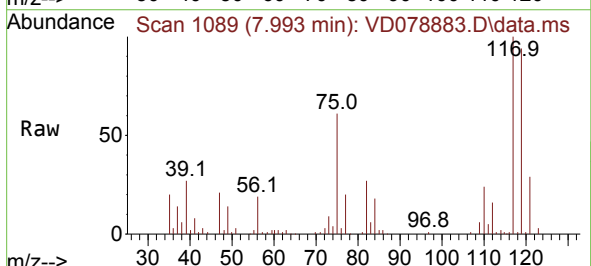


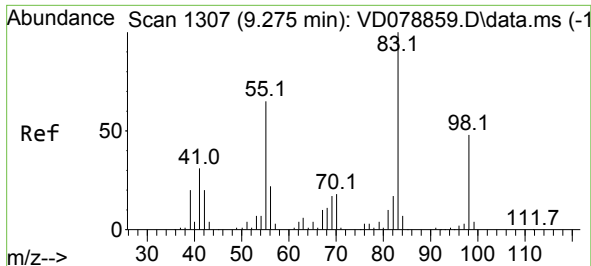
Tgt Ion: 43 Resp: 30533
Ion Ratio Lower Upper
43 100
61 16.8 14.6 21.8
70 12.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 51.708 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 117 Resp: 97718
Ion Ratio Lower Upper
117 100
119 93.6 79.2 118.8
121 29.4 26.8 40.2





#39

Methylcyclohexane

Concen: 52.444 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :

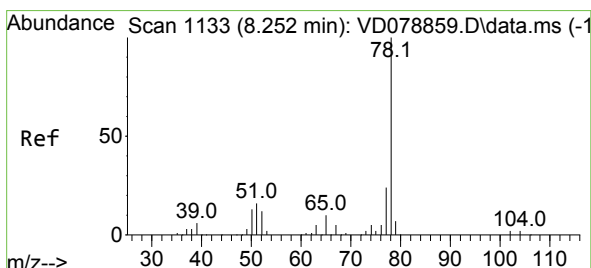
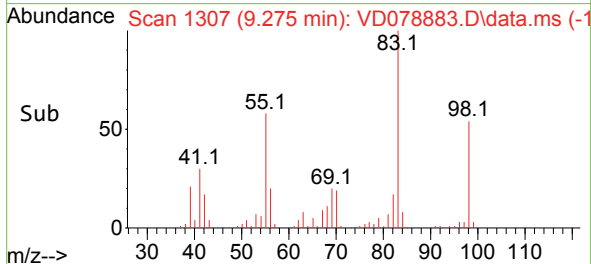
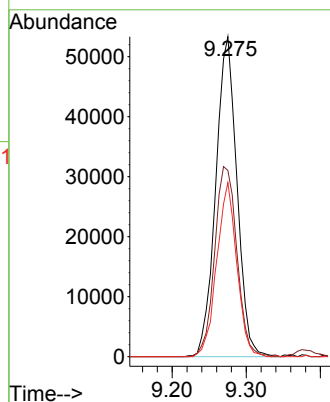
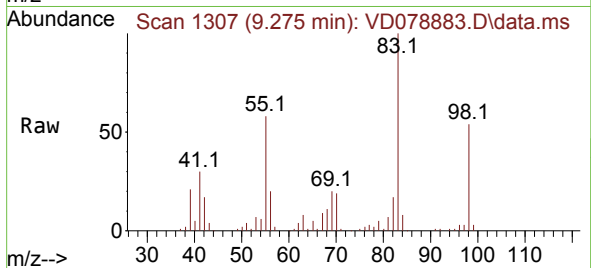
Tgt Ion: 83 Resp: 106091

Ion Ratio Lower Upper

83 100

55 58.2 51.7 77.5

98 54.4 41.4 62.0



#40

Benzene

Concen: 52.206 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078883.D

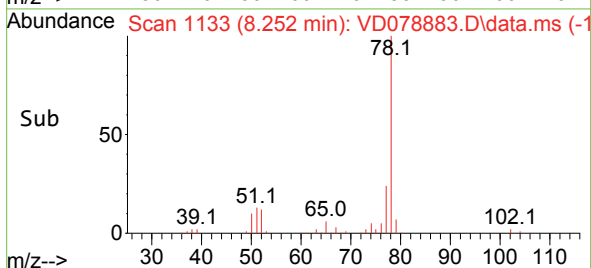
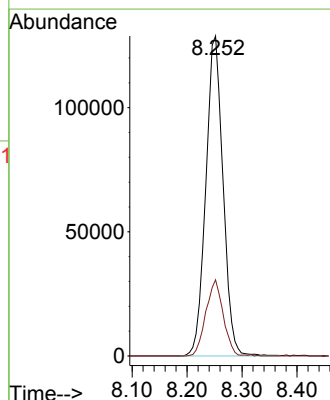
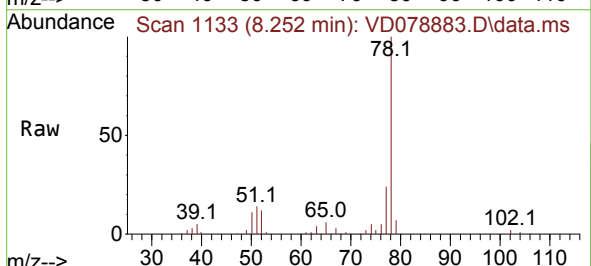
Acq: 07 May 2024 17:25

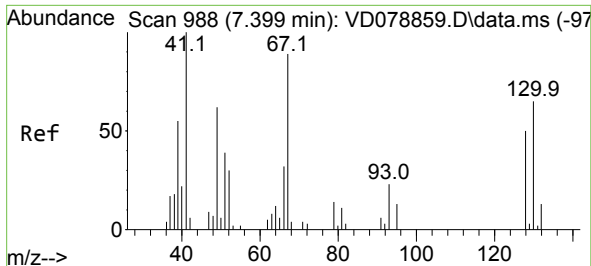
Tgt Ion: 78 Resp: 280685

Ion Ratio Lower Upper

78 100

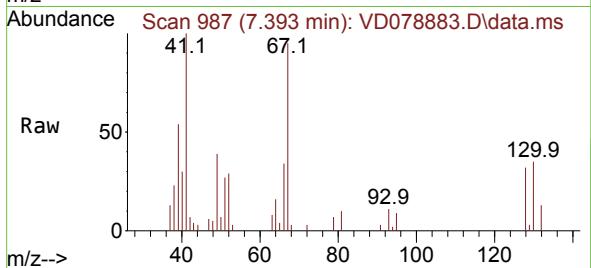
77 23.8 20.4 30.6



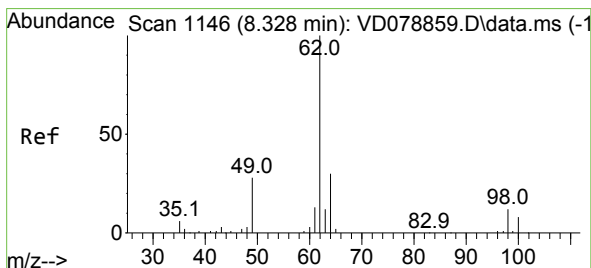
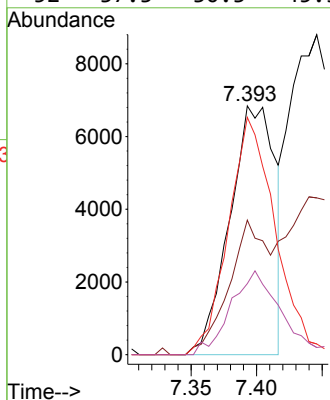
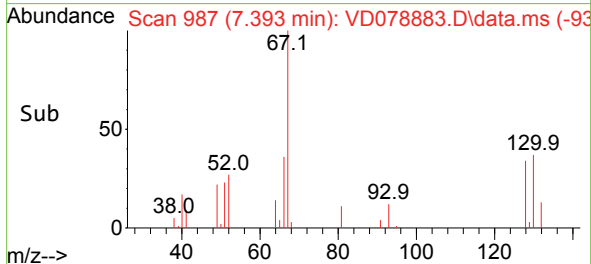


#41
Methacrylonitrile
Concen: 61.364 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

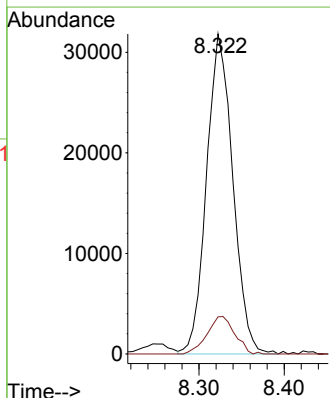
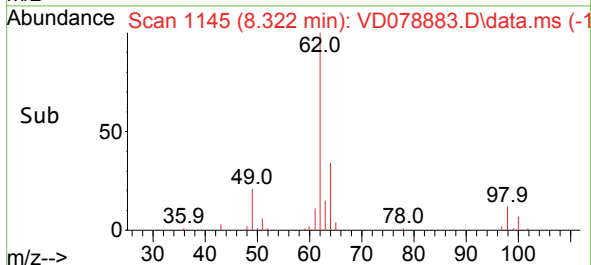
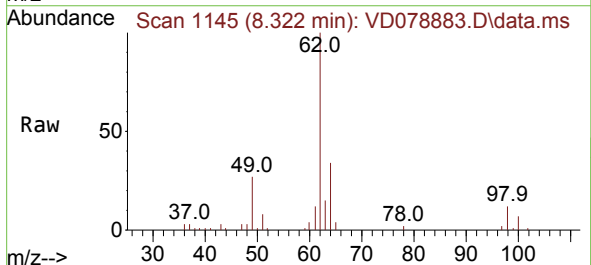


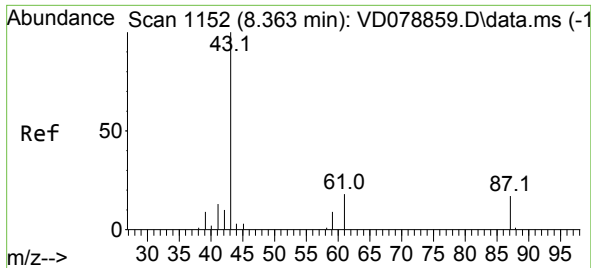
Tgt Ion:	41	Resp:	16455
Ion	Ratio	Lower	Upper
41	100		
39	46.0	39.8	59.6
67	98.6	83.5	125.3
52	37.3	30.3	45.5



#42
1,2-Dichloroethane
Concen: 53.798 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:	62	Resp:	68286
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	23.8

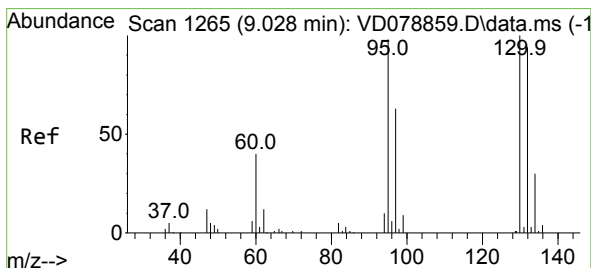
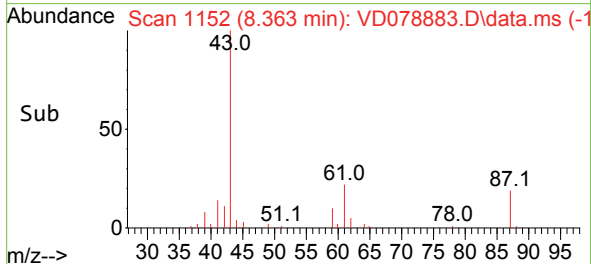
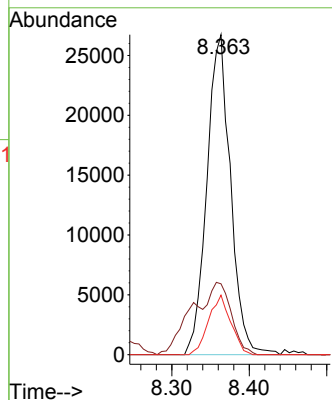
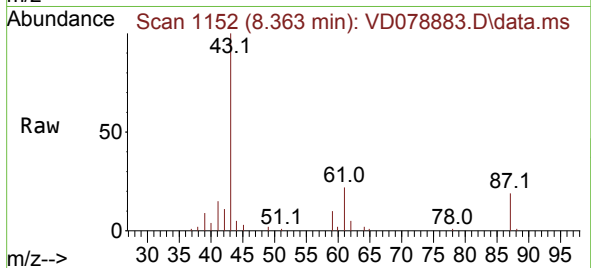




#43
Isopropyl Acetate
Concen: 57.093 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

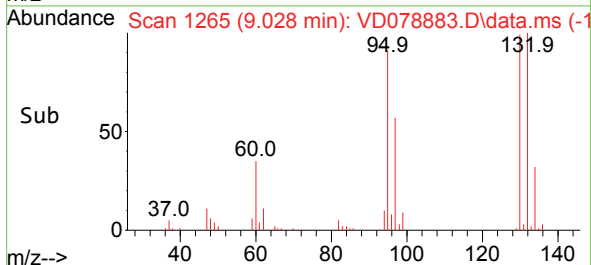
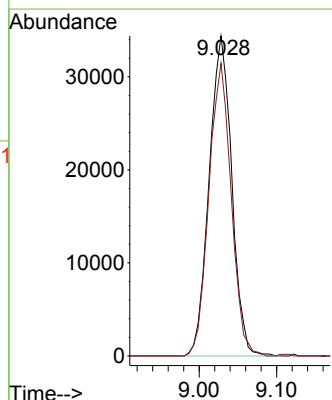
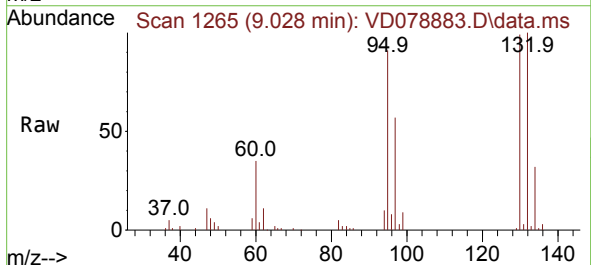
Instrument :
MSVOA_D
ClientSampleId :

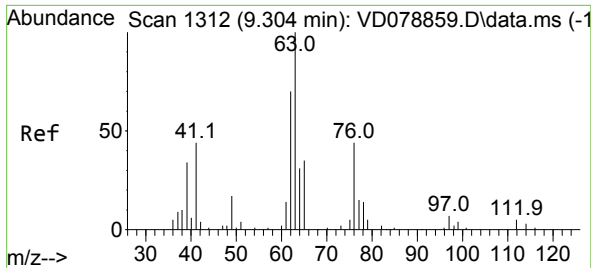
Tgt Ion: 43 Resp: 56709
Ion Ratio Lower Upper
43 100
61 22.1 30.1 45.1#
87 17.5 14.4 21.6



#44
Trichloroethene
Concen: 51.313 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:130 Resp: 69495
Ion Ratio Lower Upper
130 100
95 91.4 0.0 197.8

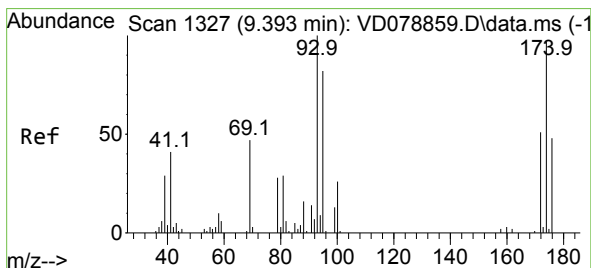
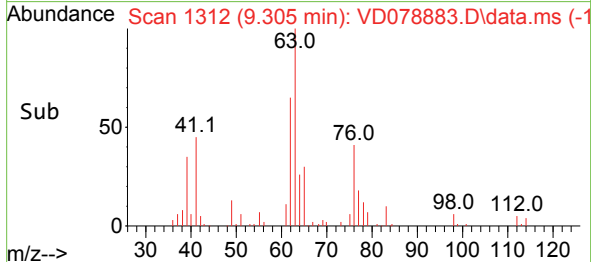
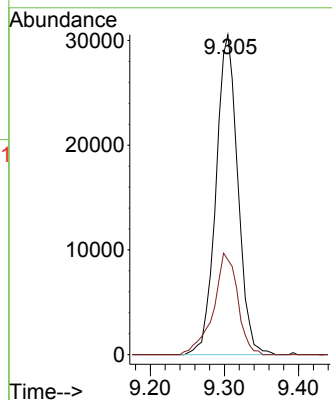
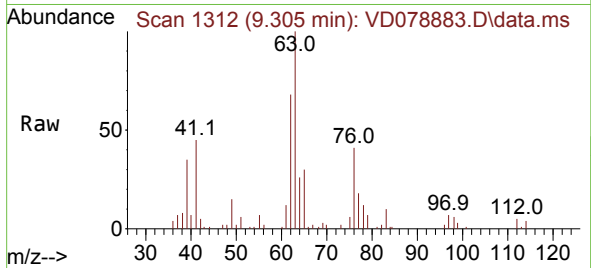




#45
1,2-Dichloropropane
Concen: 53.032 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

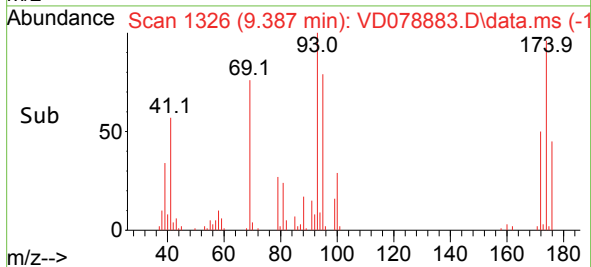
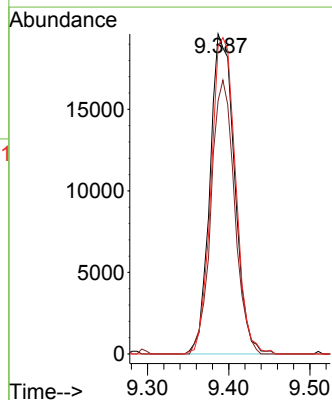
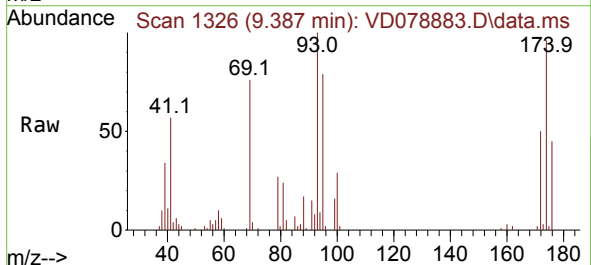
Instrument :
MSVOA_D
ClientSampleId :

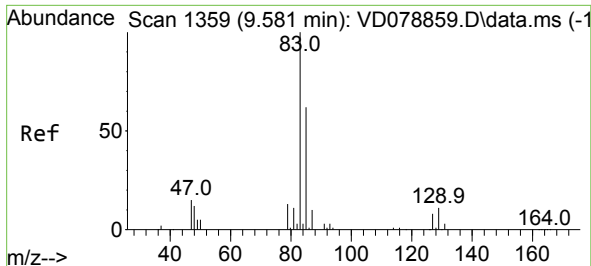
Tgt Ion: 63 Resp: 62530
Ion Ratio Lower Upper
63 100
65 29.6 24.8 37.2



#46
Dibromomethane
Concen: 54.905 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 93 Resp: 41215
Ion Ratio Lower Upper
93 100
95 81.9 67.3 100.9
174 98.6 80.9 121.3





#47

Bromodichloromethane

Concen: 53.050 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

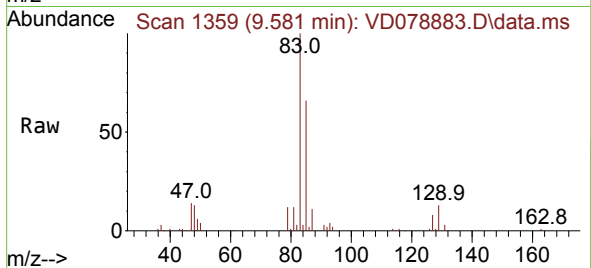
Lab File: VD078883.D

Acq: 07 May 2024 17:25

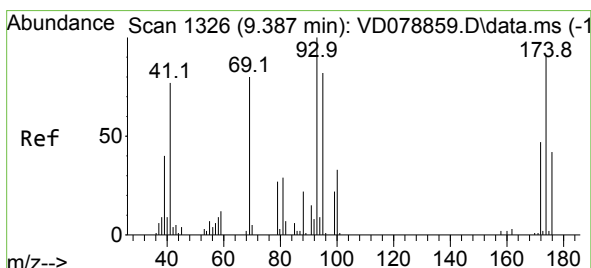
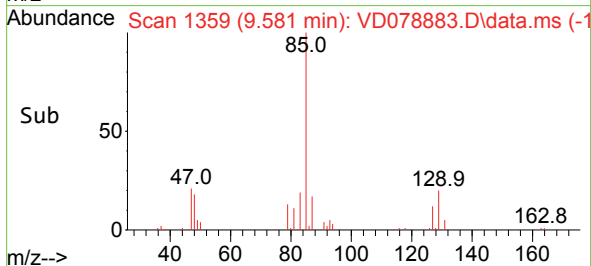
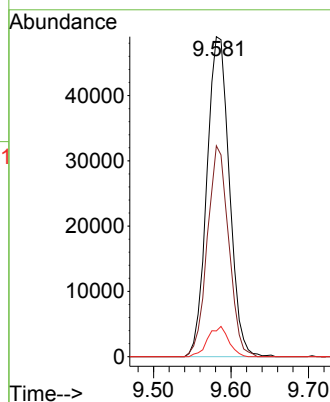
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 98607
Ion Ratio	Lower Upper
83	100
85	65.9 54.0 81.0
127	8.1 7.1 10.7



#48

Methyl methacrylate

Concen: 52.002 ug/l

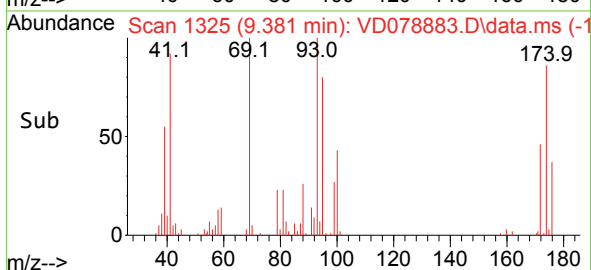
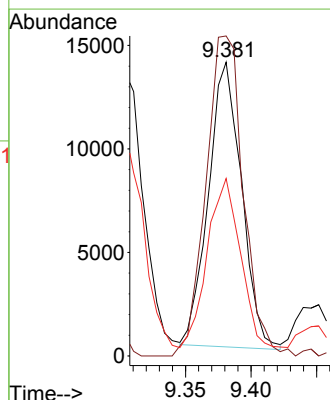
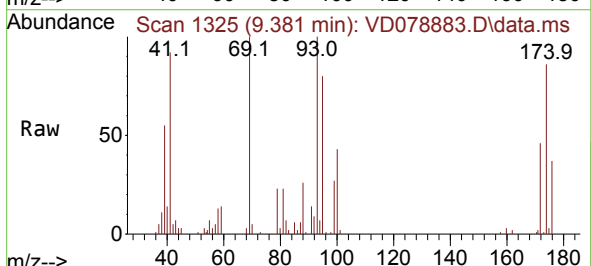
RT: 9.381 min Scan# 1325

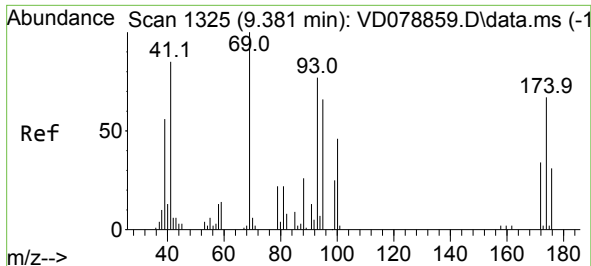
Delta R.T. -0.006 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Tgt Ion: 41	Resp: 24211
Ion Ratio	Lower Upper
41	100
69	126.4 88.3 132.5
39	66.2 46.6 69.8





#49

1,4-Dioxane

Concen: 1256.028 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

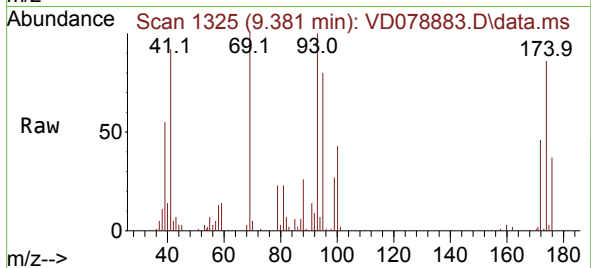
Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :



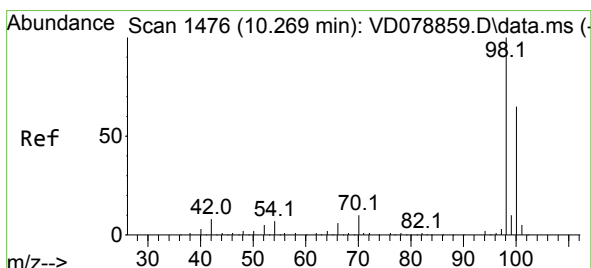
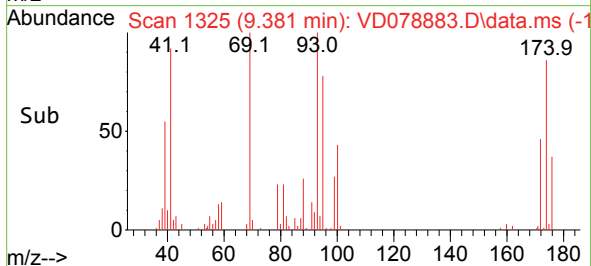
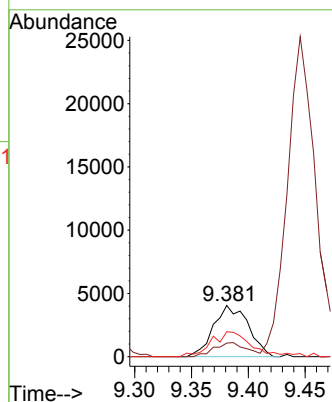
Tgt Ion: 88 Resp: 8604

Ion Ratio Lower Upper

88 100

43 25.8 23.2 34.8

58 56.7 51.0 76.6



#50

Toluene-d8

Concen: 50.411 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078883.D

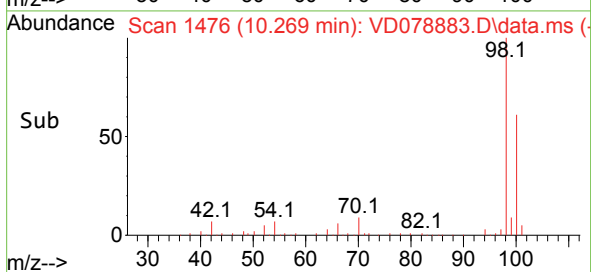
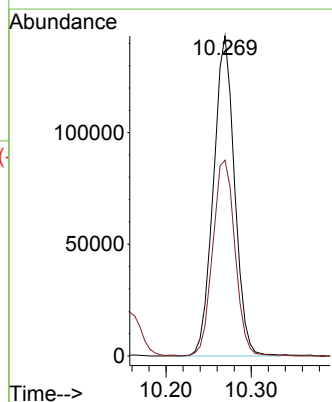
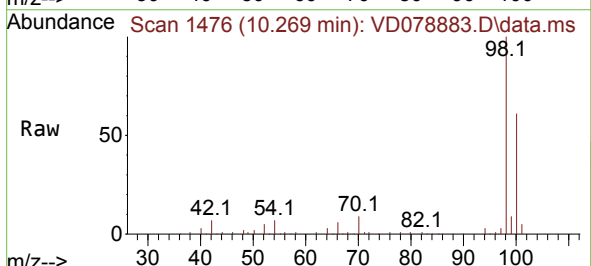
Acq: 07 May 2024 17:25

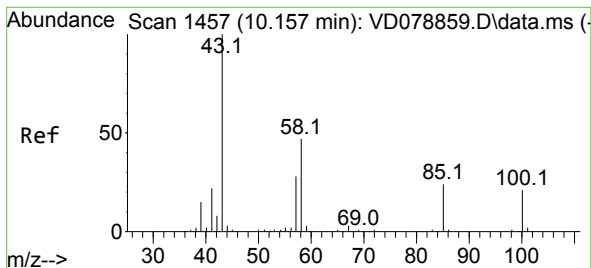
Tgt Ion: 98 Resp: 246931

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

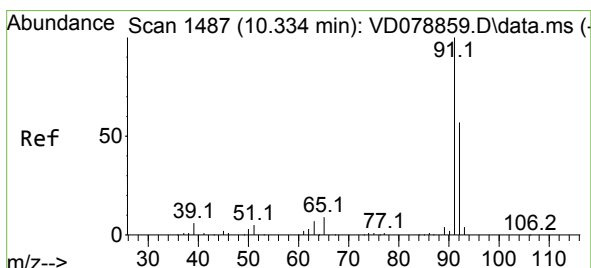
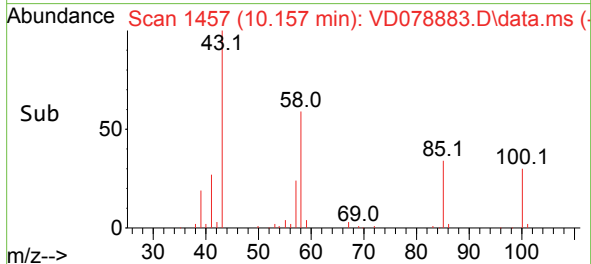
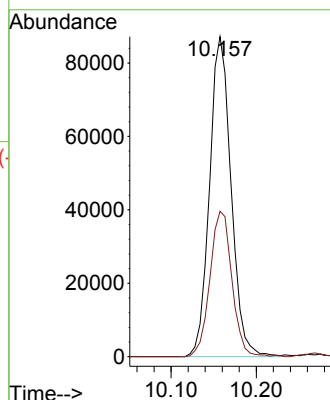
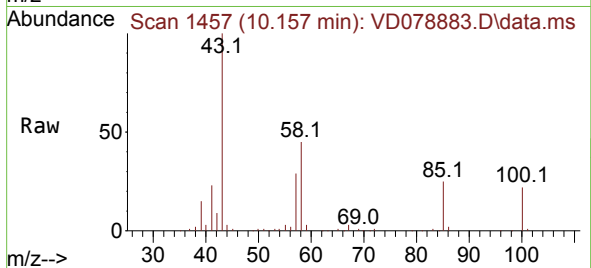




#51
4-Methyl-2-Pentanone
Concen: 288.417 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

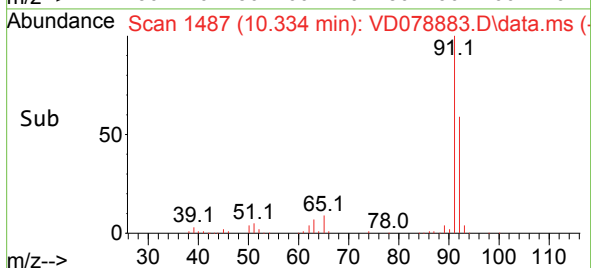
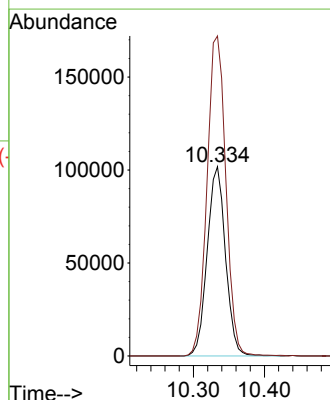
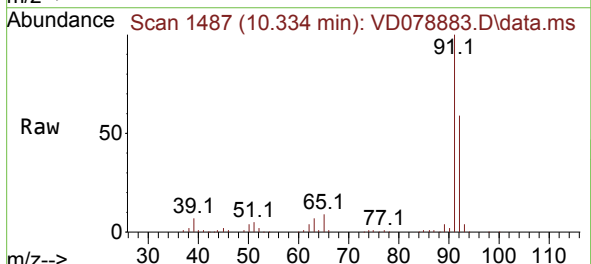
Instrument :
MSVOA_D
ClientSampleId :

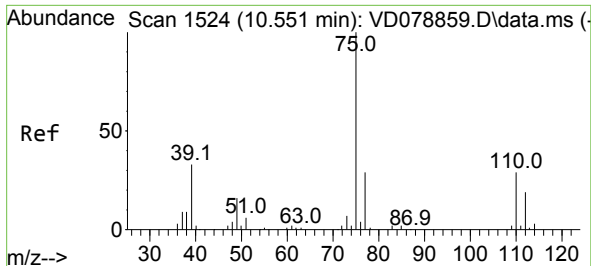
Tgt Ion: 43 Resp: 153408
Ion Ratio Lower Upper
43 100
58 46.4 36.4 54.6



#52
Toluene
Concen: 53.971 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 92 Resp: 182264
Ion Ratio Lower Upper
92 100
91 173.9 136.6 205.0

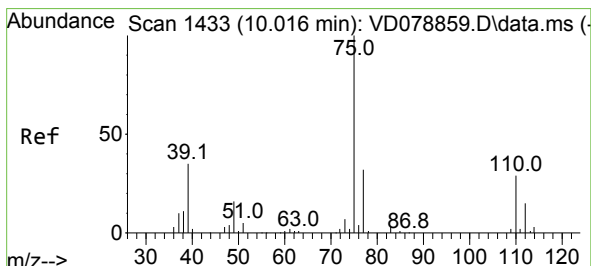
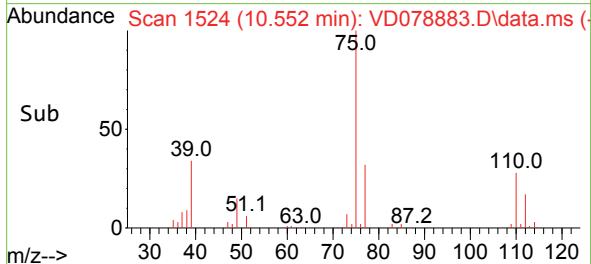
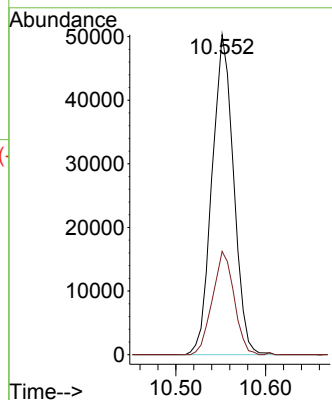
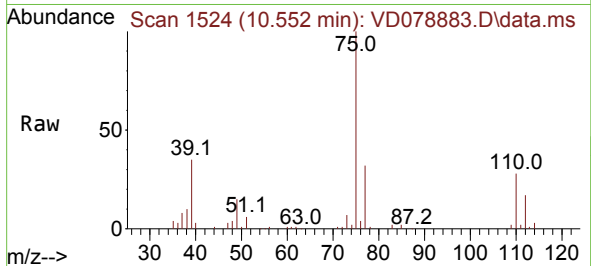




#53
 t-1,3-Dichloropropene
 Concen: 53.891 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

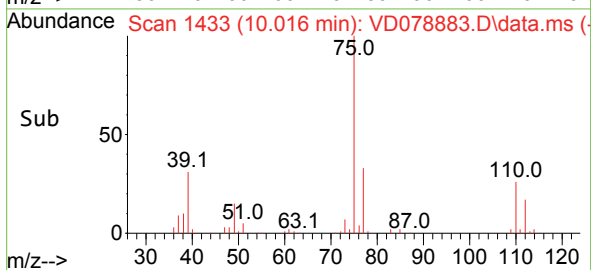
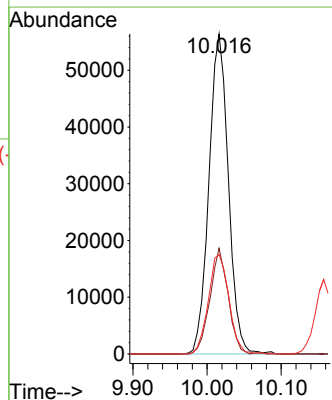
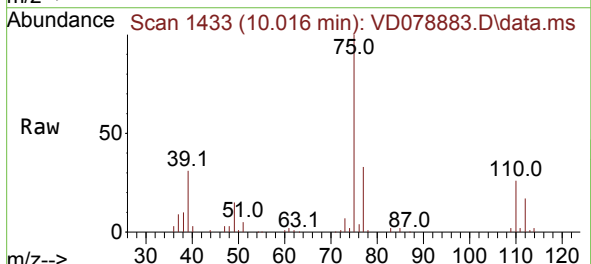
Instrument :
 MSVOA_D
 ClientSampleId :

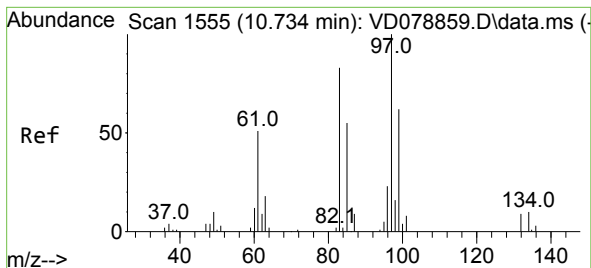
Tgt Ion: 75 Resp: 83993
 Ion Ratio Lower Upper
 75 100
 77 32.3 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.575 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

Tgt Ion: 75 Resp: 102733
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 31.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 54.394 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

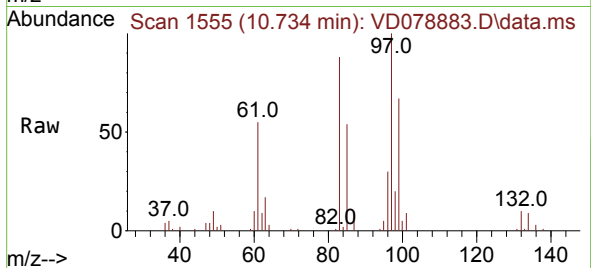
Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 52961

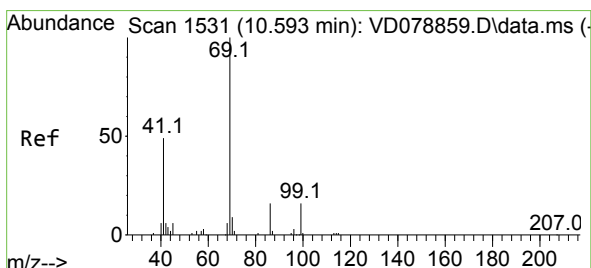
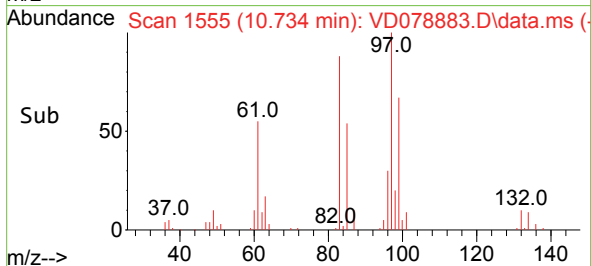
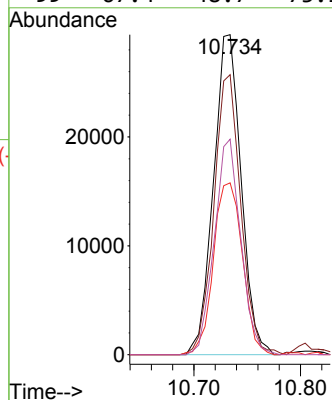
Ion Ratio Lower Upper

97 100

83 87.5 68.1 102.1

85 53.7 48.2 72.2

99 67.4 48.7 73.1



#56

Ethyl methacrylate

Concen: 58.190 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

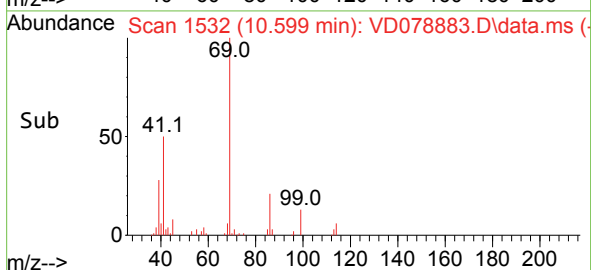
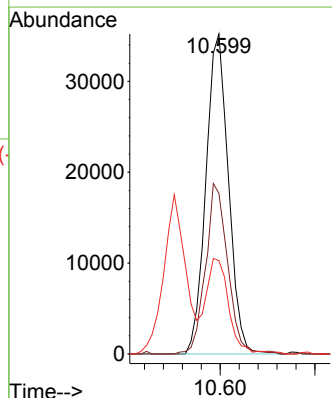
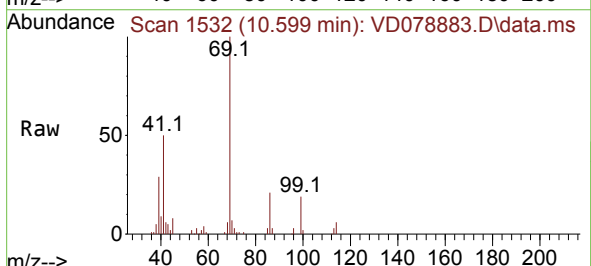
Tgt Ion: 69 Resp: 58214

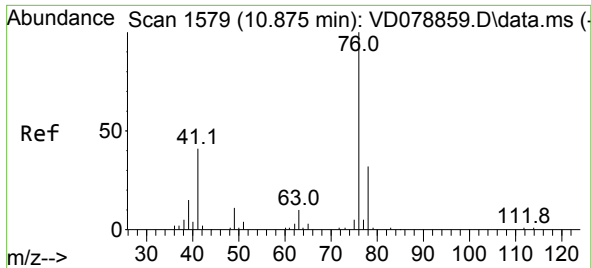
Ion Ratio Lower Upper

69 100

41 52.5 40.9 61.3

39 30.5 25.5 38.3

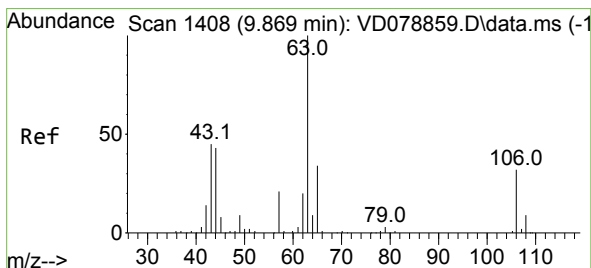
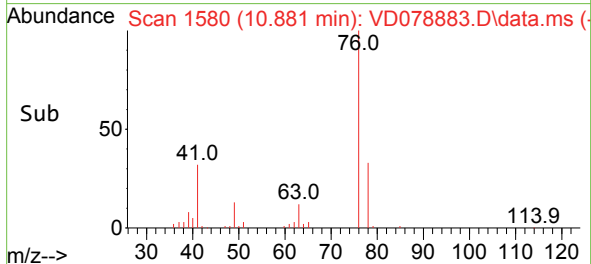
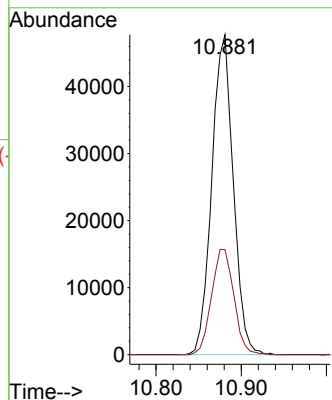
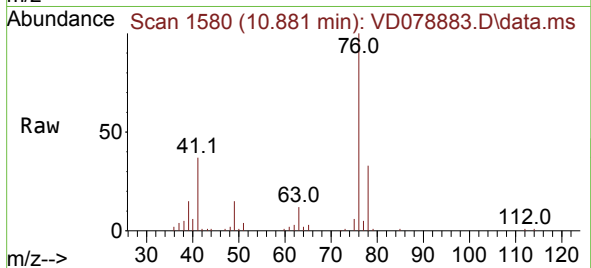




#57
1,3-Dichloropropane
Concen: 54.292 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

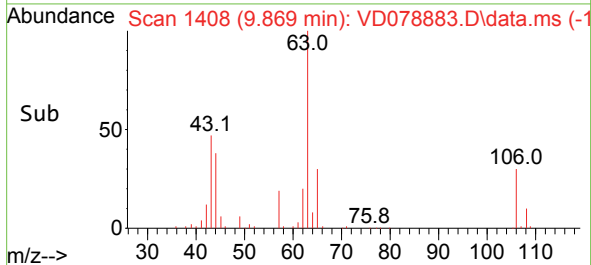
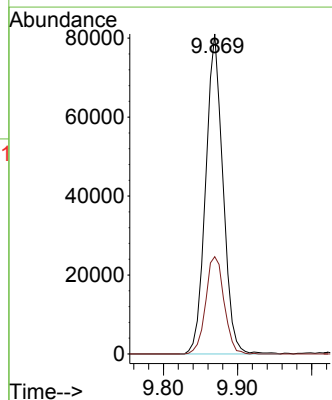
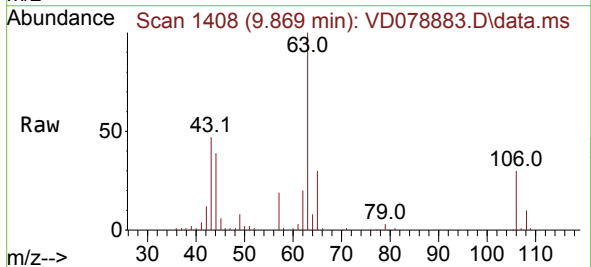
Instrument :
MSVOA_D
ClientSampleId :

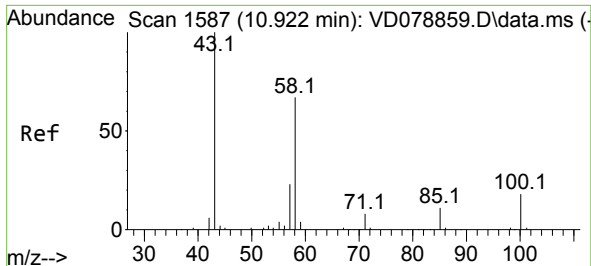
Tgt Ion: 76 Resp: 83592
Ion Ratio Lower Upper
76 100
78 34.2 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 300.057 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

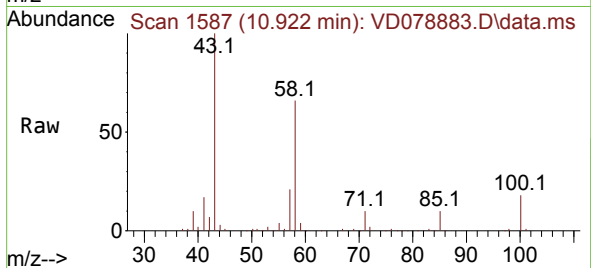
Tgt Ion: 63 Resp: 131076
Ion Ratio Lower Upper
63 100
106 32.4 25.2 37.8



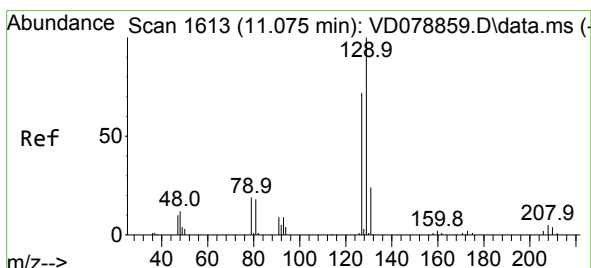
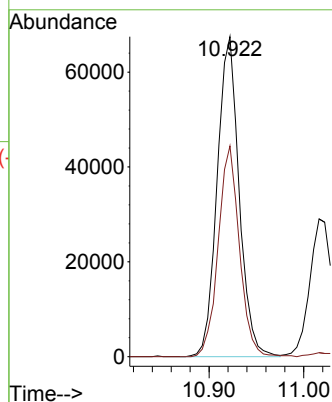
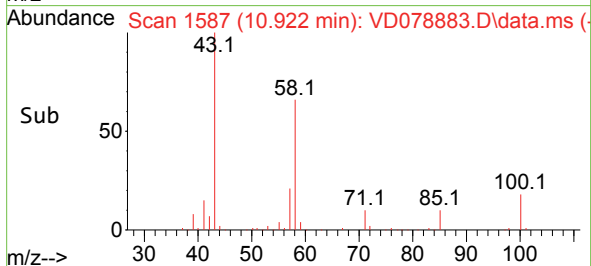


#59
2-Hexanone
Concen: 289.107 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

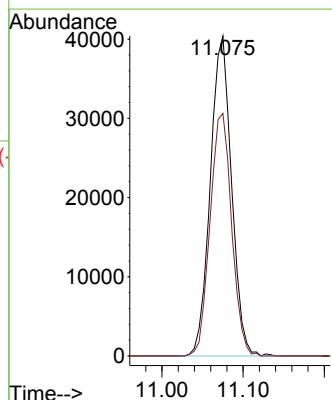
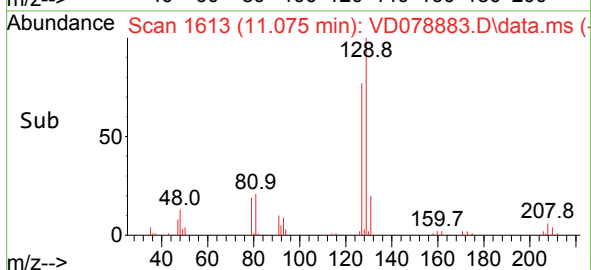
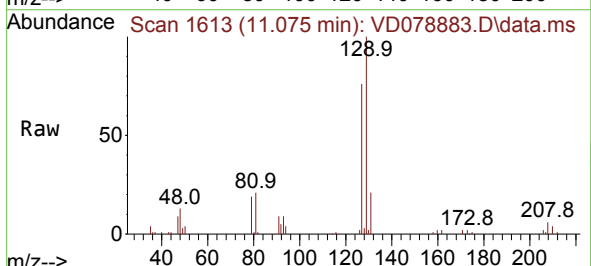


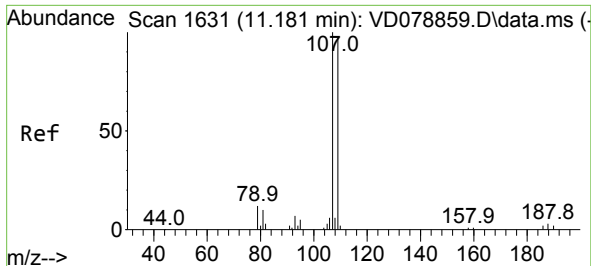
Tgt Ion: 43 Resp: 108881
Ion Ratio Lower Upper
43 100
58 63.5 31.5 94.5



#60
Dibromochloromethane
Concen: 55.538 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 129 Resp: 73292
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3

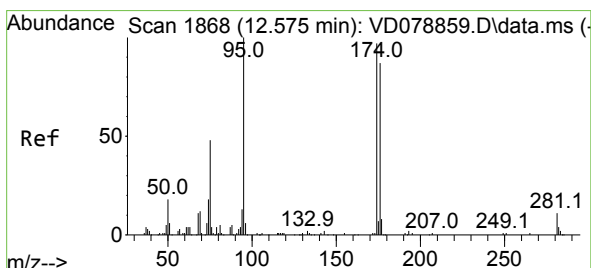
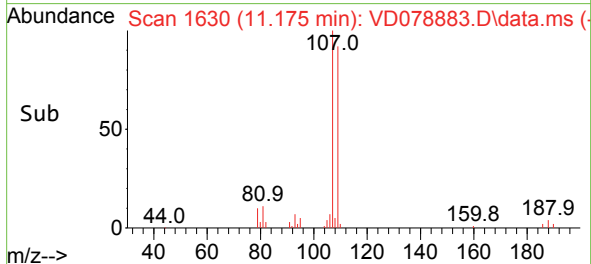
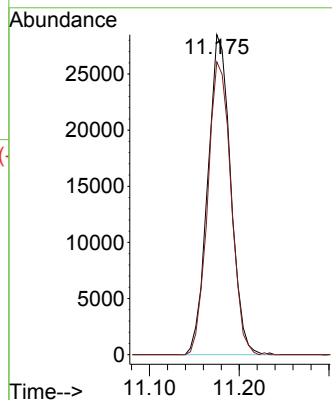
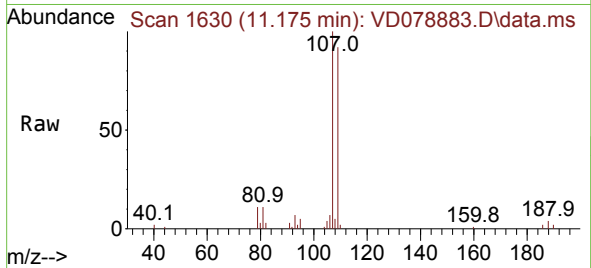




#61
1,2-Dibromoethane
Concen: 55.898 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

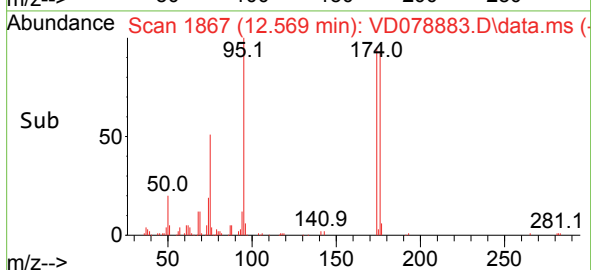
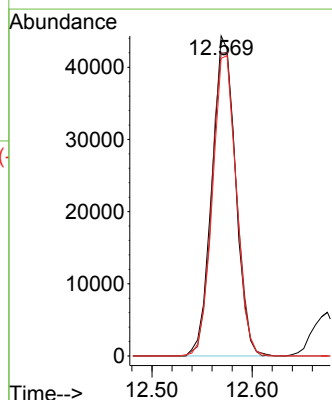
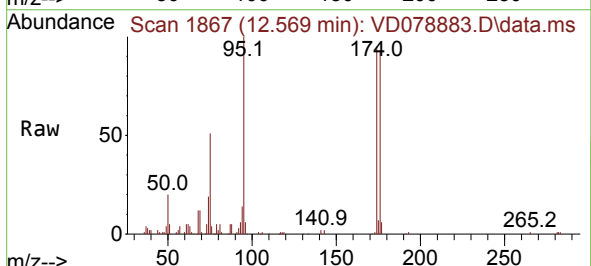
Instrument :
MSVOA_D
ClientSampleId :

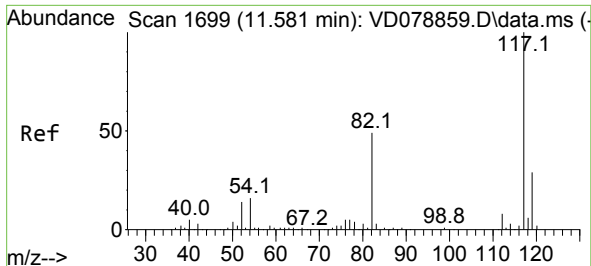
Tgt Ion:107 Resp: 50474
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 51.662 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 95 Resp: 72424
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.2
176 94.6 0.0 188.2

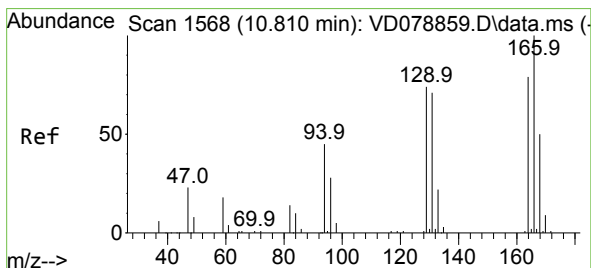
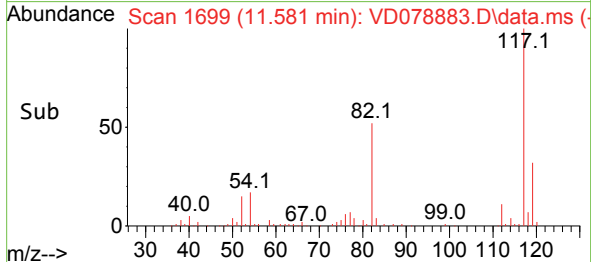
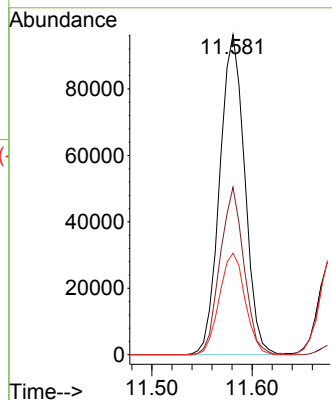
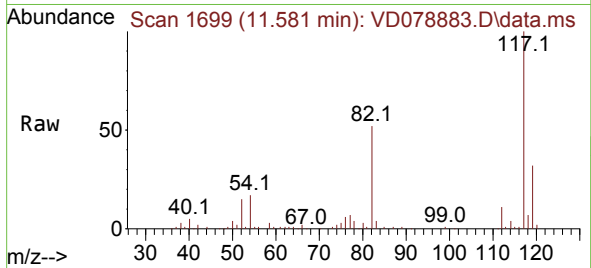




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

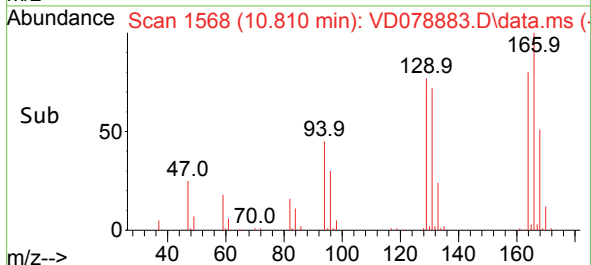
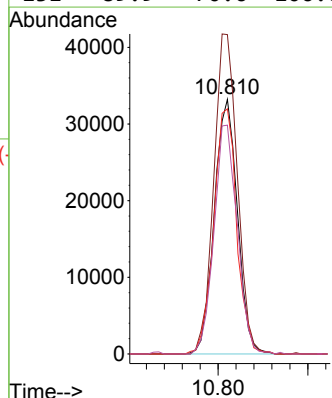
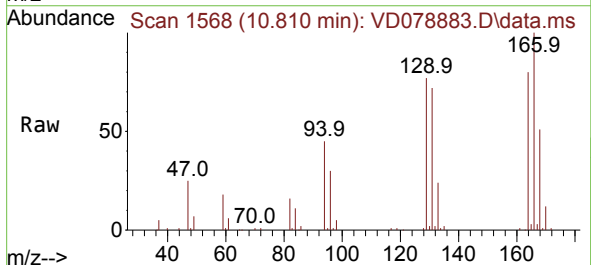
Instrument :
MSVOA_D
ClientSampleId :

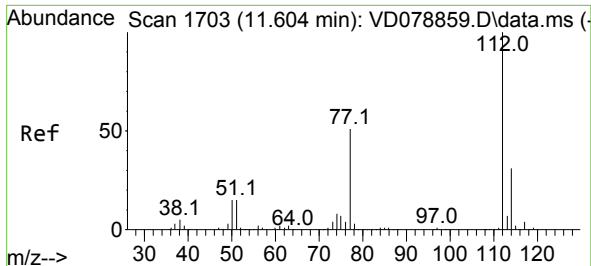
Tgt Ion:117 Resp: 166442
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 52.401 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

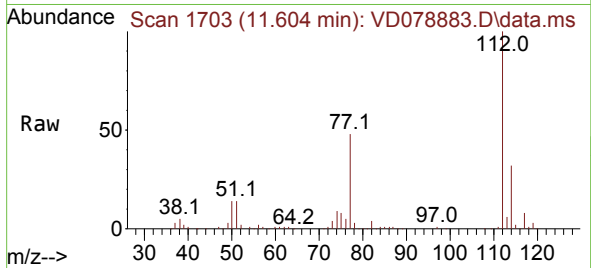
Tgt Ion:164 Resp: 59489
Ion Ratio Lower Upper
164 100
166 125.4 98.9 148.3
129 96.3 70.3 105.5
131 89.9 70.6 106.0



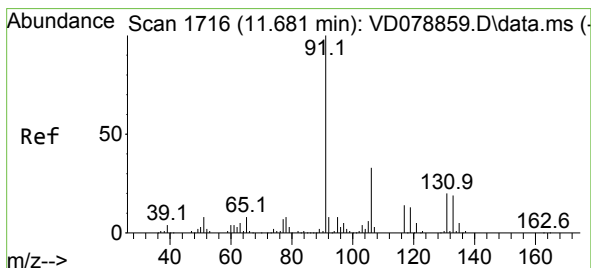
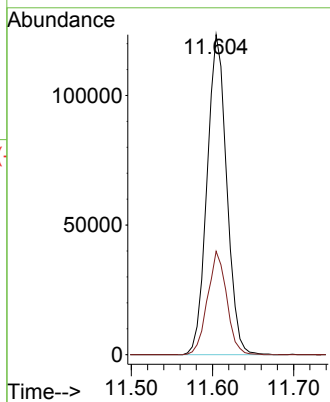
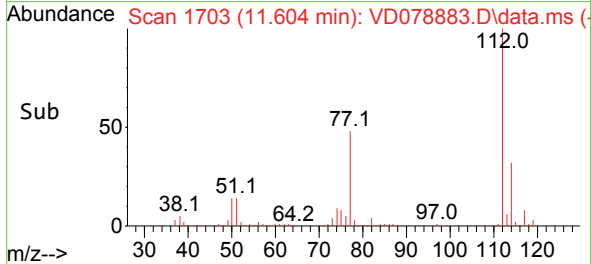


#65
Chlorobenzene
Concen: 54.296 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

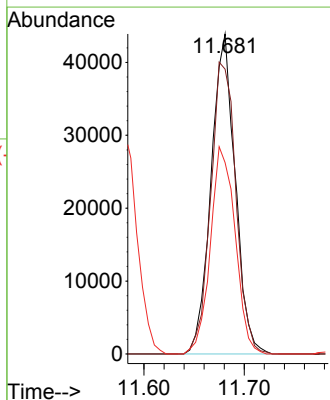
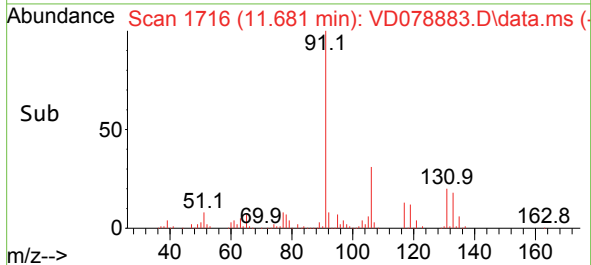
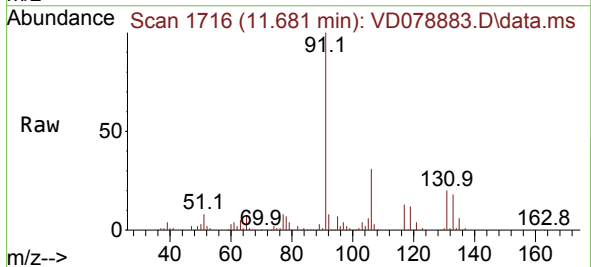


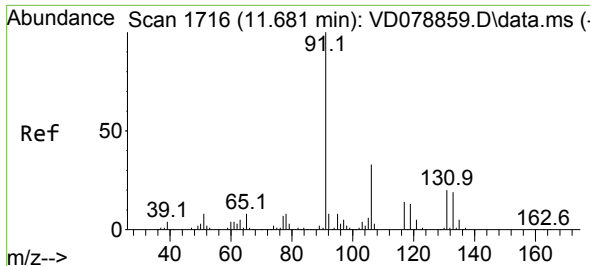
Tgt Ion:112 Resp: 207401
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.945 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:131 Resp: 73394
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 66.4 34.1 102.3





#67

Ethyl Benzene

Concen: 54.711 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

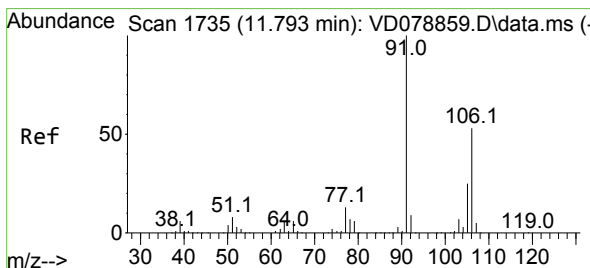
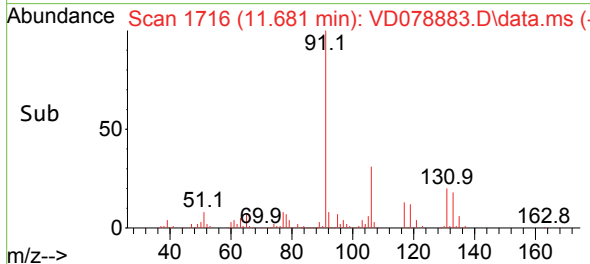
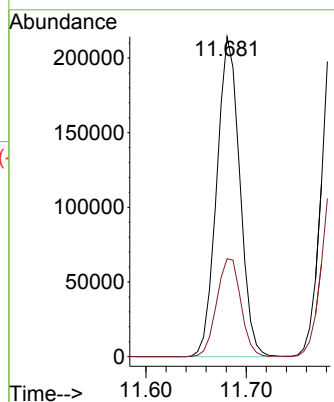
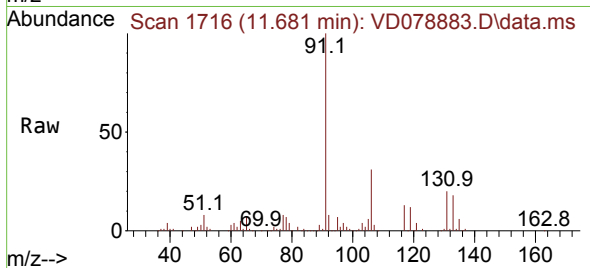
ClientSampleId :

Tgt Ion: 91 Resp: 341840

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 113.684 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078883.D

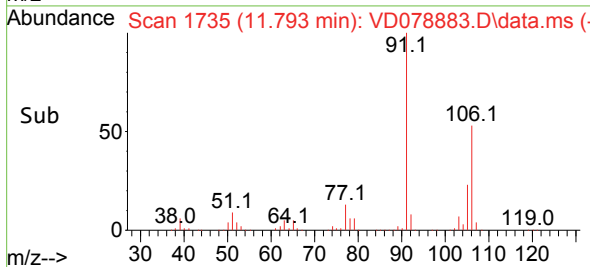
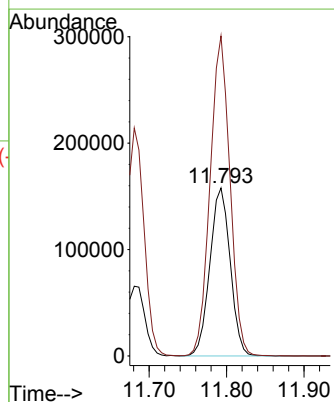
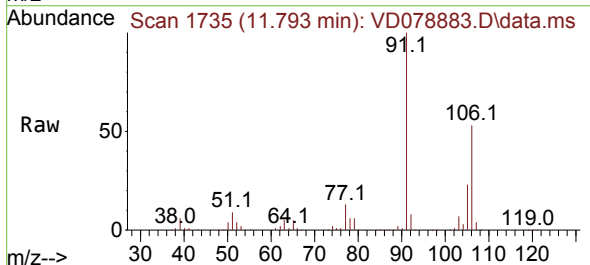
Acq: 07 May 2024 17:25

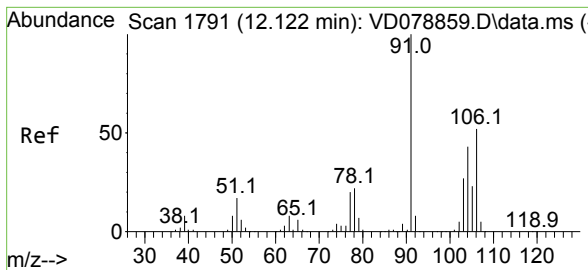
Tgt Ion: 106 Resp: 287599

Ion Ratio Lower Upper

106 100

91 186.3 154.4 231.6

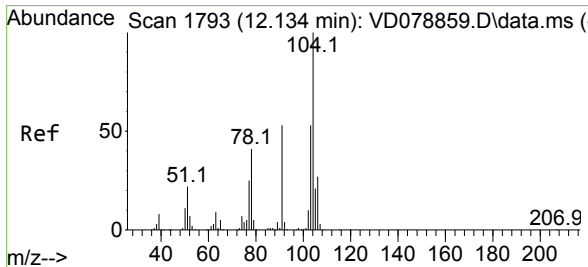
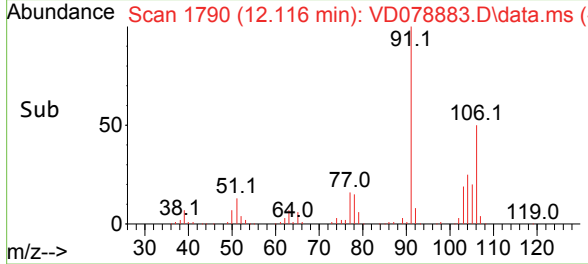
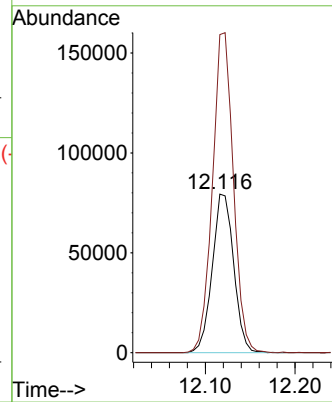
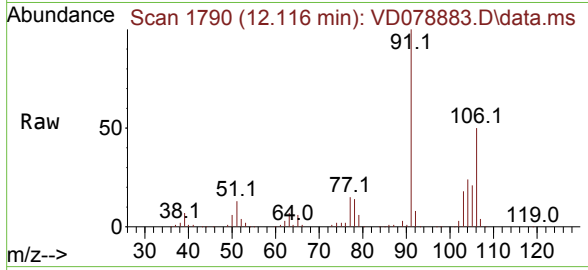




#69
o-Xylene
Concen: 56.974 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

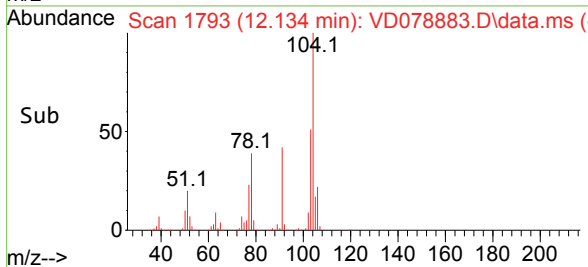
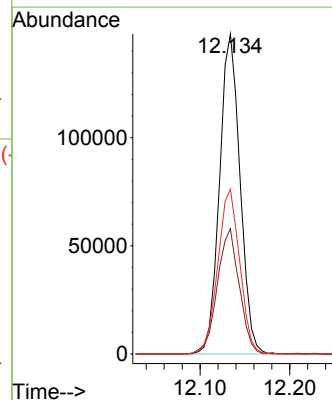
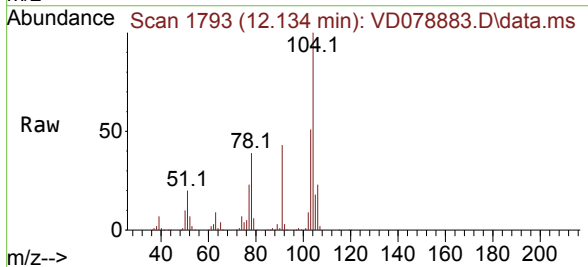
Instrument :
MSVOA_D
ClientSampleId :

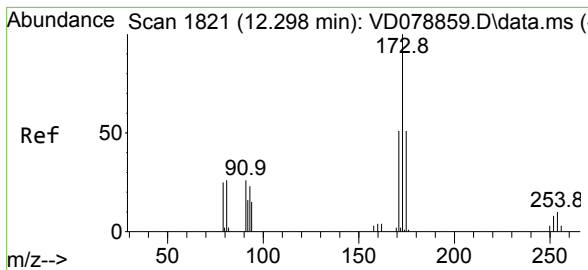
Tgt Ion:106 Resp: 131773
Ion Ratio Lower Upper
106 100
91 196.7 99.6 298.7



#70
Styrene
Concen: 57.701 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:104 Resp: 234653
Ion Ratio Lower Upper
104 100
78 42.0 34.6 52.0
103 55.3 44.2 66.2

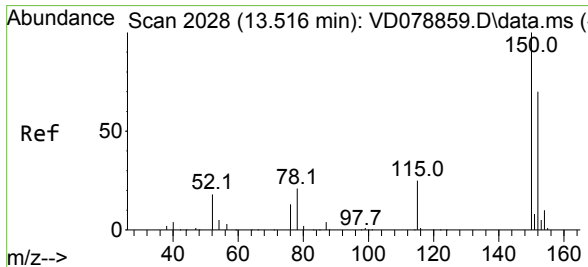
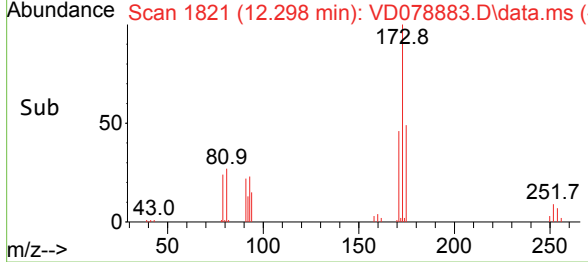
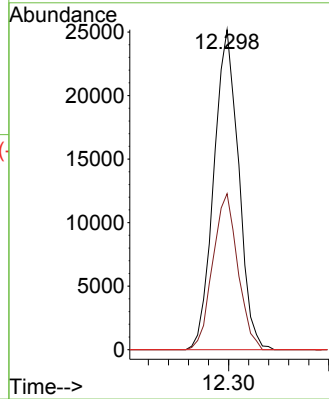
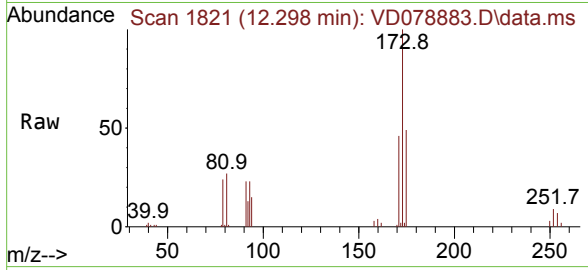




#71
Bromoform
Concen: 59.647 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

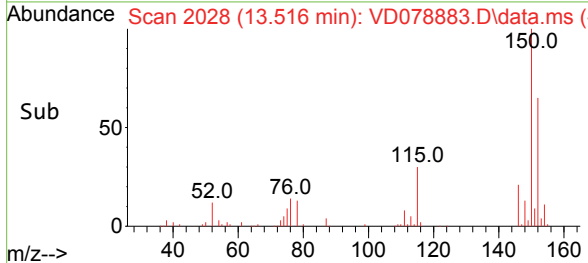
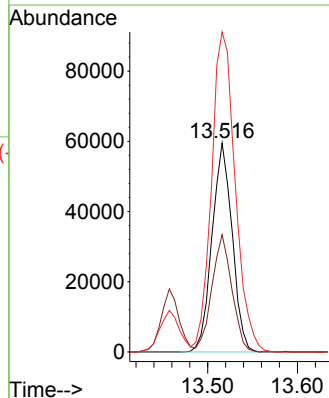
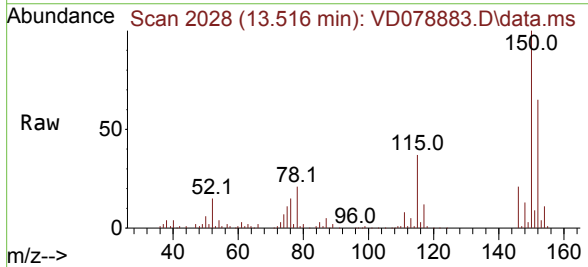
Instrument :
MSVOA_D
ClientSampleId :

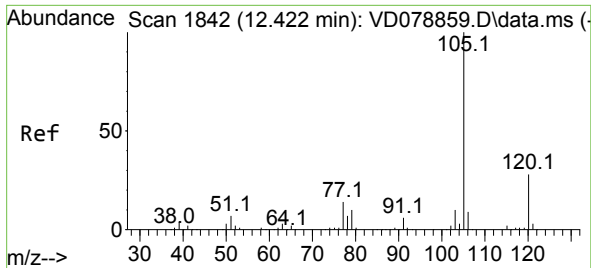
Tgt Ion:	173	Resp:	43138
Ion Ratio	Lower	Upper	
173	100		
175	49.3	25.8	77.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:	152	Resp:	92870
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.1	81.2
150	179.8	0.0	350.2

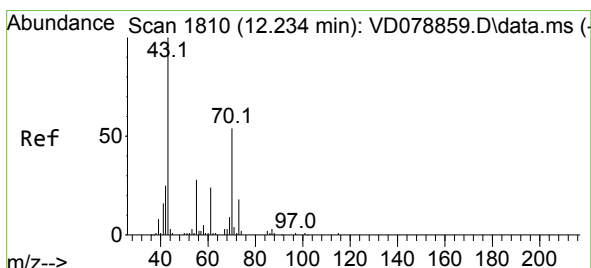
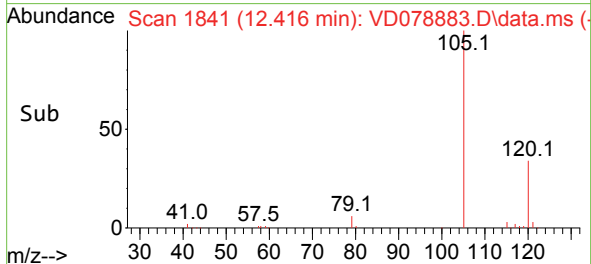
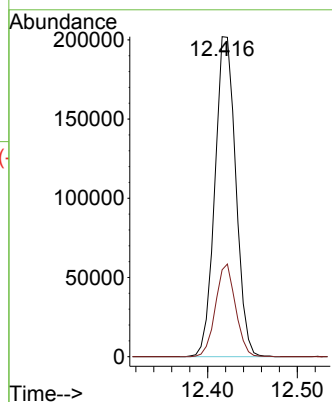
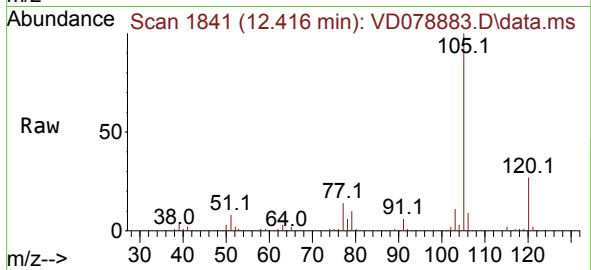




#73
Isopropylbenzene
Concen: 52.188 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

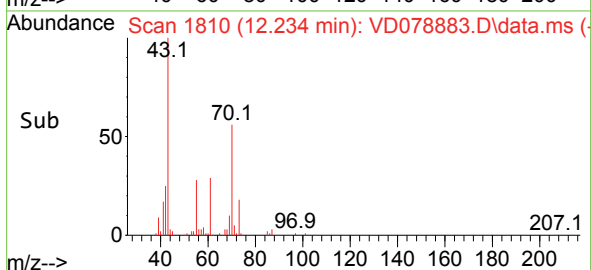
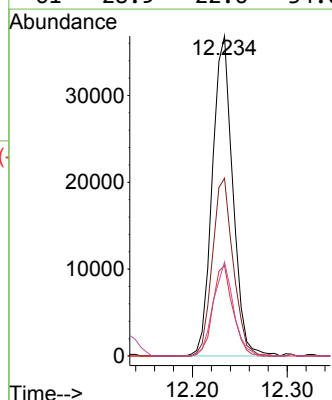
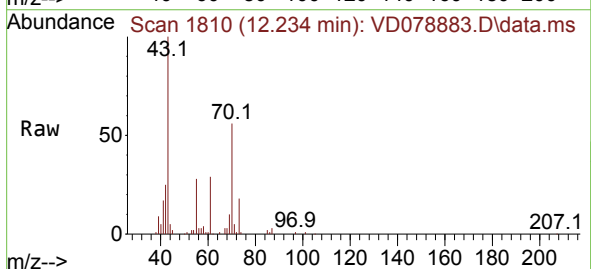
Instrument :
MSVOA_D
ClientSampleId :

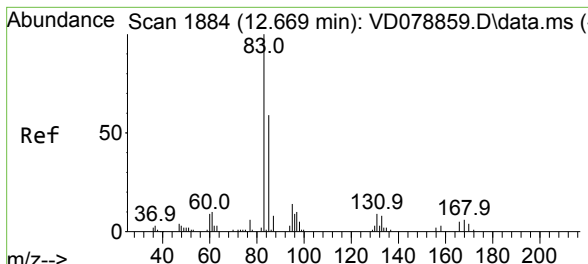
Tgt Ion:105 Resp: 326700
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.0



#74
N-ethyl acetate
Concen: 52.981 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 43 Resp: 55170
Ion Ratio Lower Upper
43 100
70 56.5 42.1 63.1
55 27.9 22.6 33.8
61 28.9 22.6 34.0

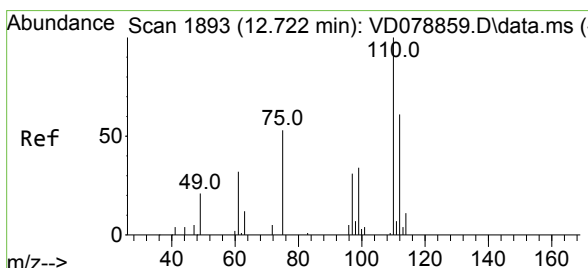
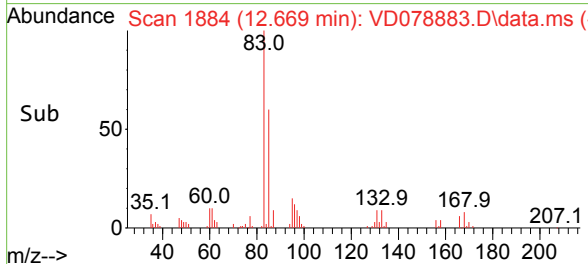
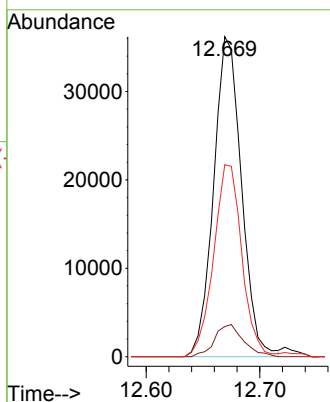
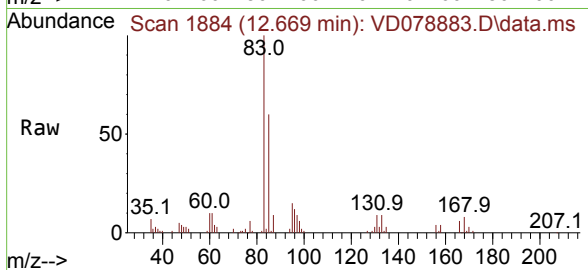




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.512 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

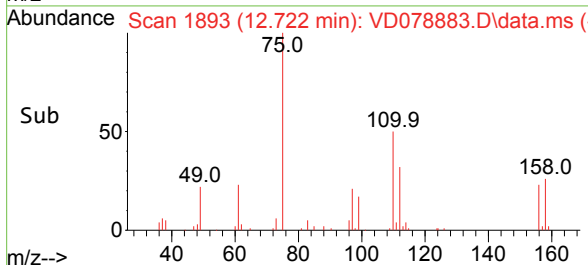
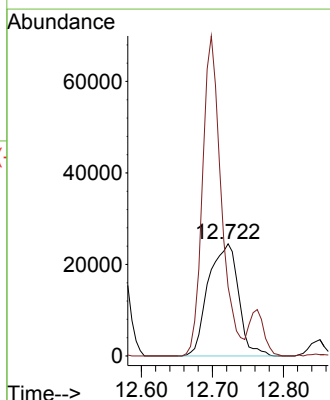
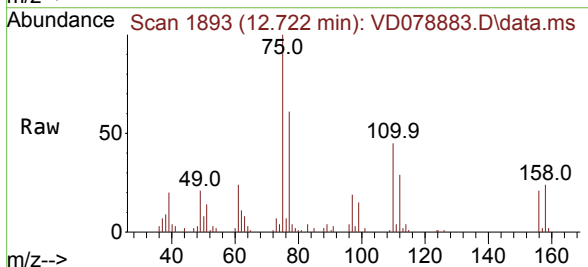
Instrument :
 MSVOA_D
 ClientSampleId :

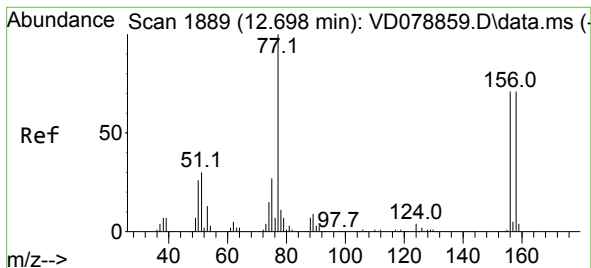
Tgt Ion:	83	Resp:	61591
Ion Ratio	Lower	Upper	
83	100		
131	10.5	4.9	14.7
85	60.9	32.2	96.6



#76
 1,2,3-Trichloropropane
 Concen: 93.370 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

Tgt Ion:	75	Resp:	72140
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.919 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078883.D

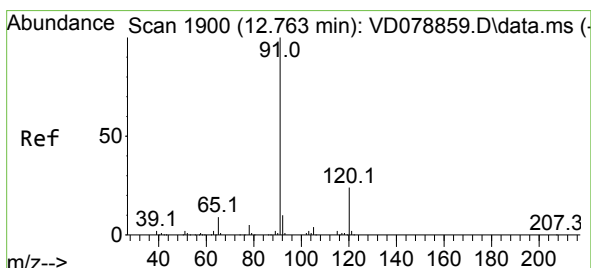
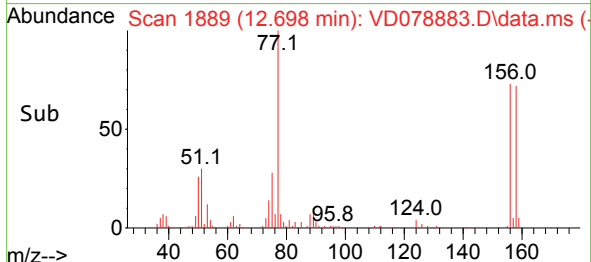
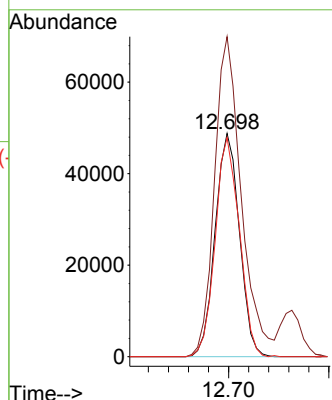
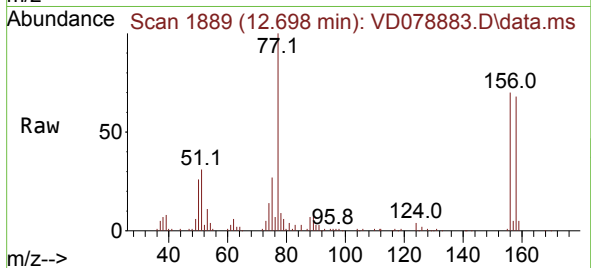
Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	81896
Ion	Ratio	Lower	Upper
156	100		
77	158.4	79.1	237.3
158	97.8	47.0	141.0



#78

n-propylbenzene

Concen: 52.398 ug/l

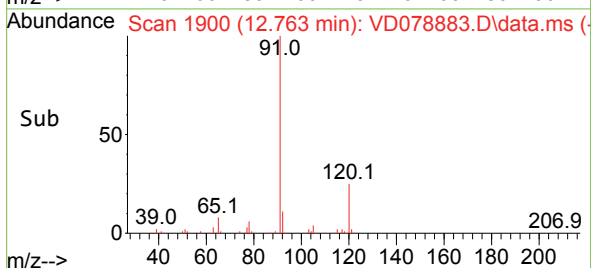
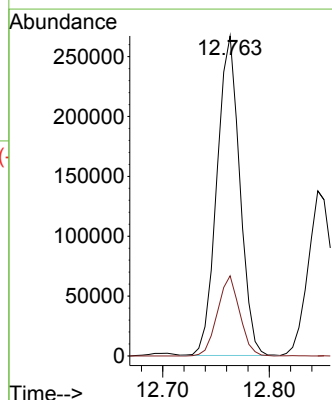
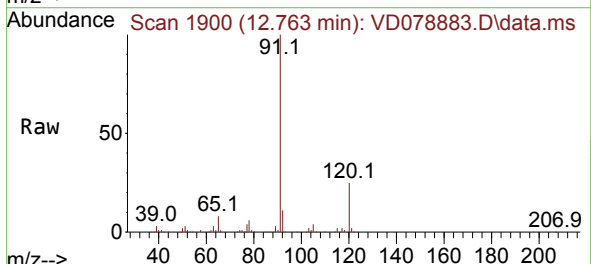
RT: 12.763 min Scan# 1900

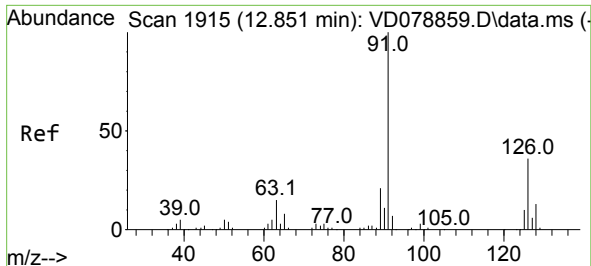
Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Tgt Ion:	91	Resp:	397522
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.7	35.1

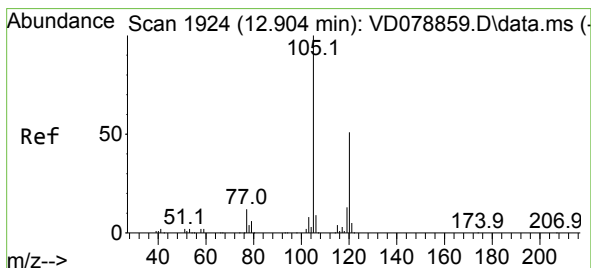
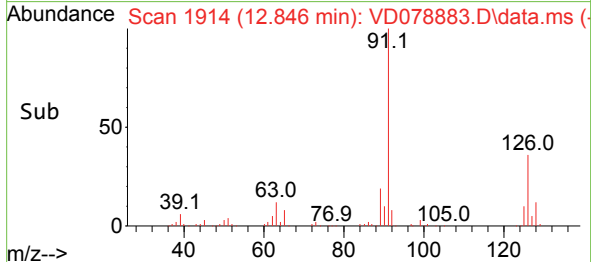
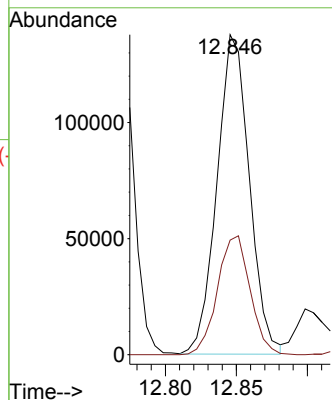
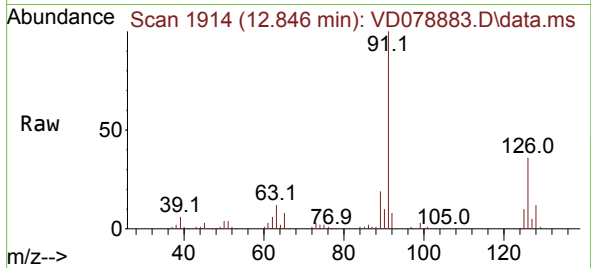




#79
2-Chlorotoluene
Concen: 51.580 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

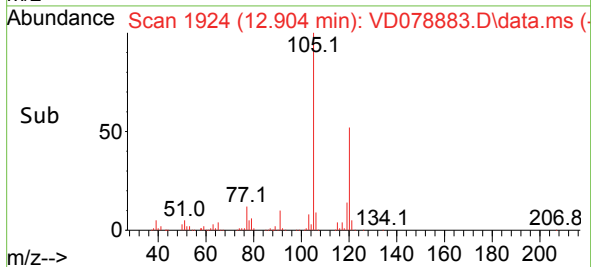
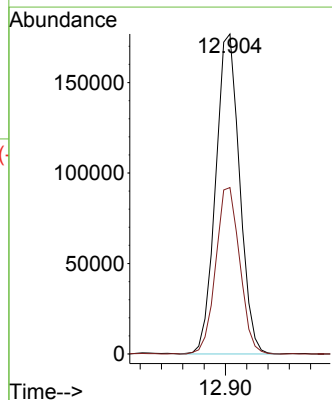
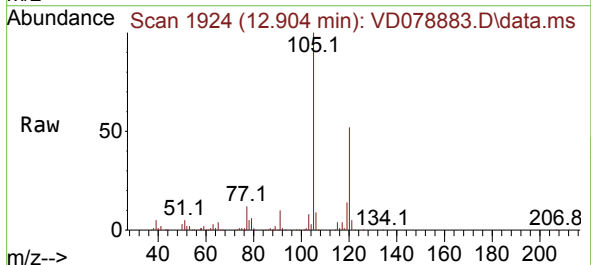
Instrument :
MSVOA_D
ClientSampleId :

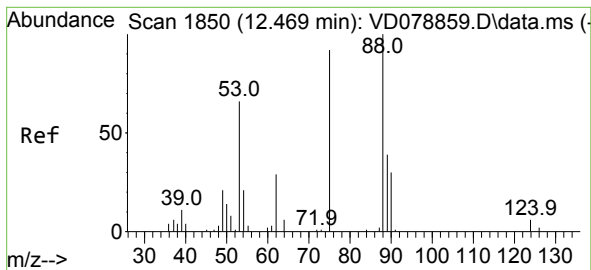
Tgt Ion: 91 Resp: 218412
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.027 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 105 Resp: 275650
Ion Ratio Lower Upper
105 100
120 52.2 25.9 77.7

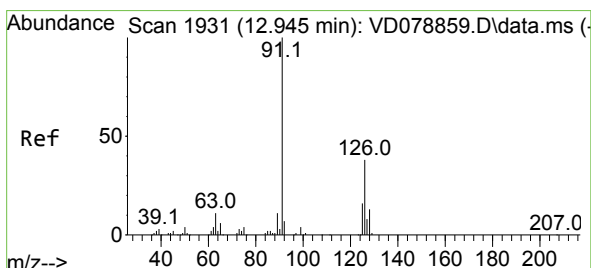
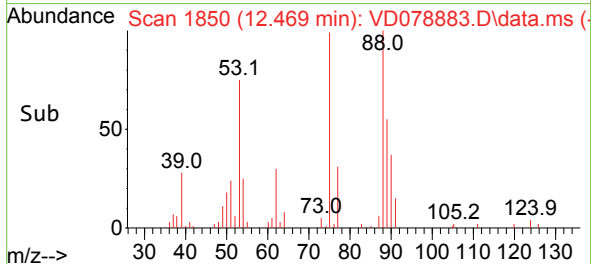
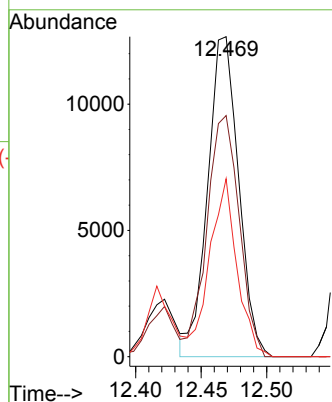
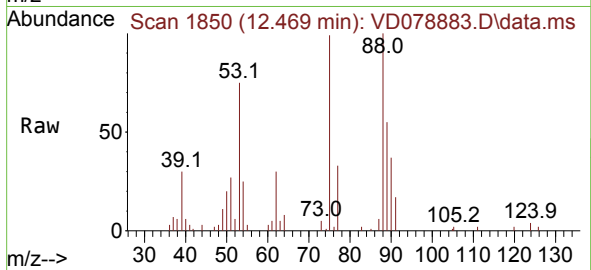




#81
trans-1,4-Dichloro-2-butene
Concen: 52.539 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

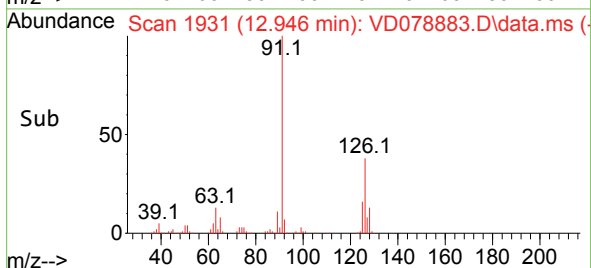
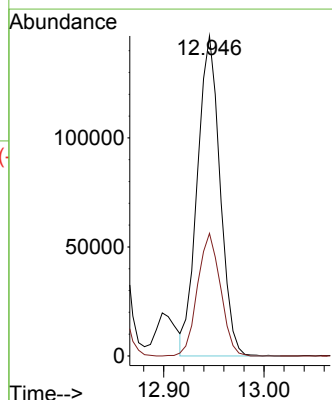
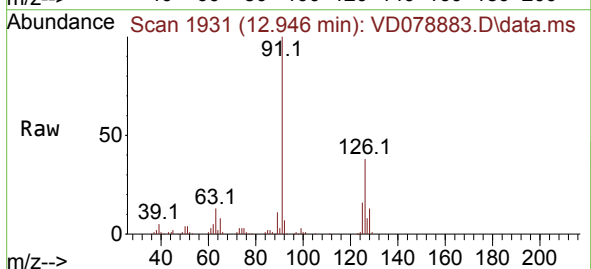
Instrument :
MSVOA_D
ClientSampleId :

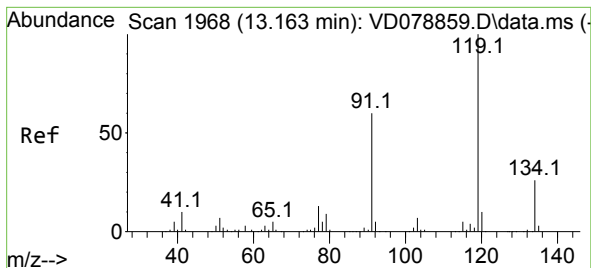
Tgt Ion	Ratio	Lower	Upper
75	100		
53	79.2	61.0	91.6
89	49.1	35.4	53.0



#82
4-Chlorotoluene
Concen: 51.168 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.7	18.9	56.5





#83

tert-Butylbenzene

Concen: 53.141 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :

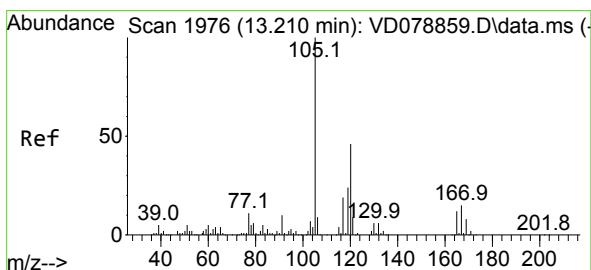
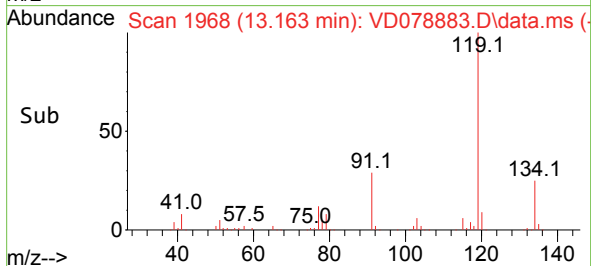
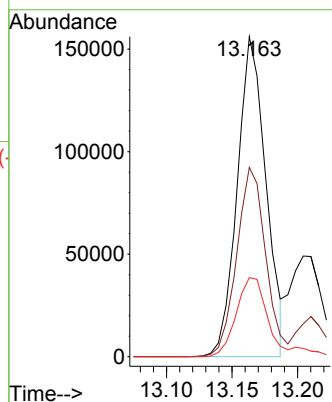
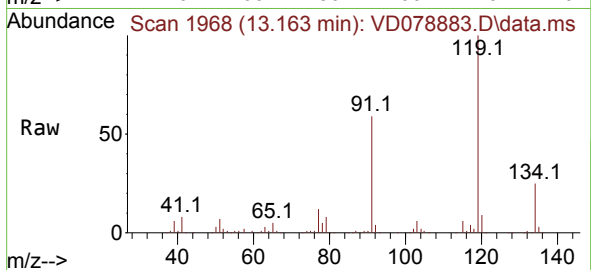
Tgt Ion:119 Resp: 237775

Ion Ratio Lower Upper

119 100

91 59.9 28.9 86.7

134 28.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.110 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078883.D

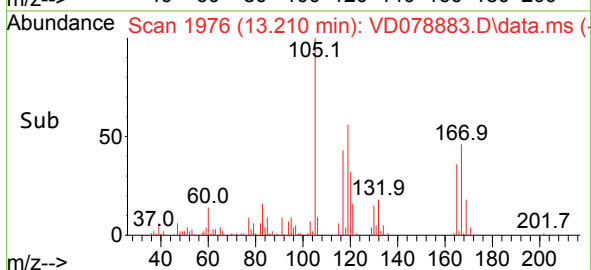
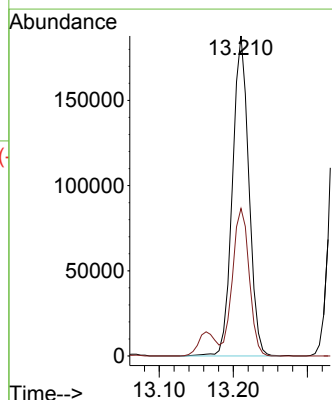
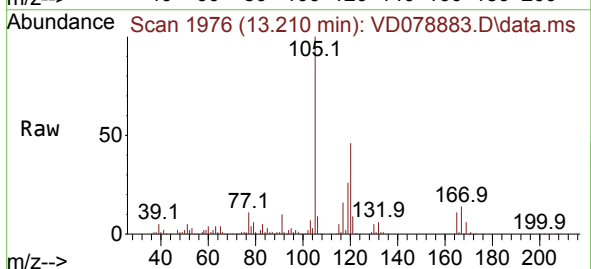
Acq: 07 May 2024 17:25

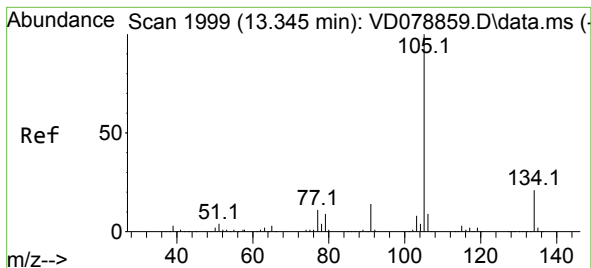
Tgt Ion:105 Resp: 287913

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.513 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

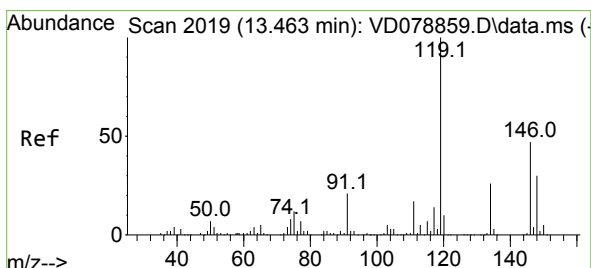
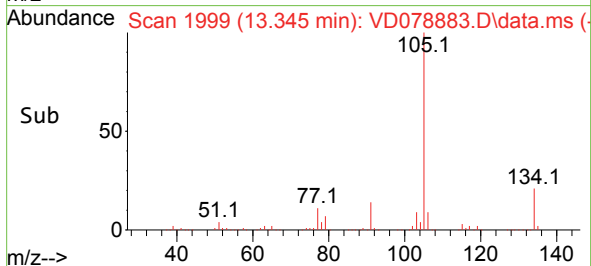
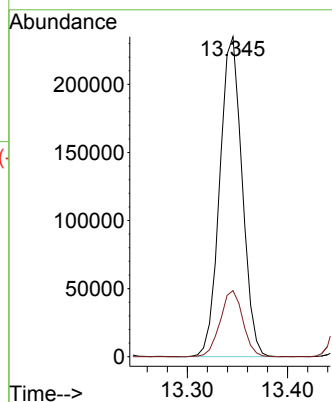
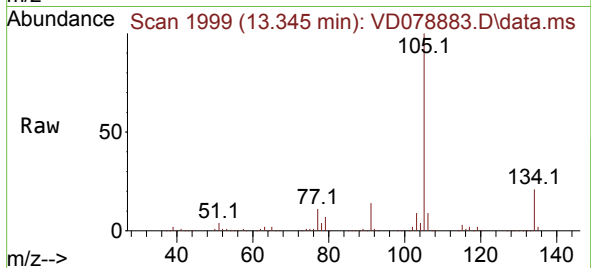
ClientSampleId :

Tgt Ion:105 Resp: 363598

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.836 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

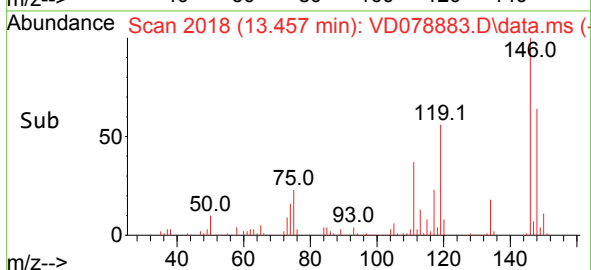
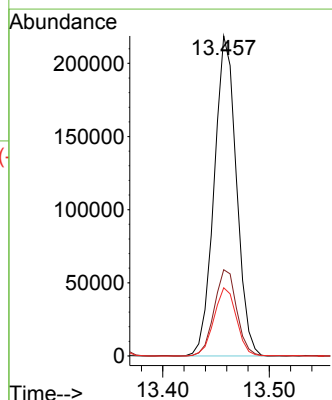
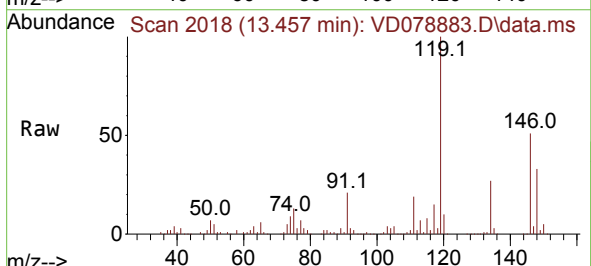
Tgt Ion:119 Resp: 317004

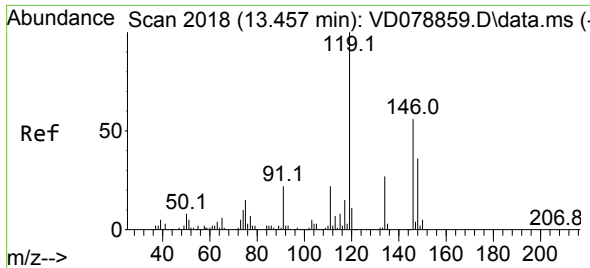
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 21.6 10.4 31.2

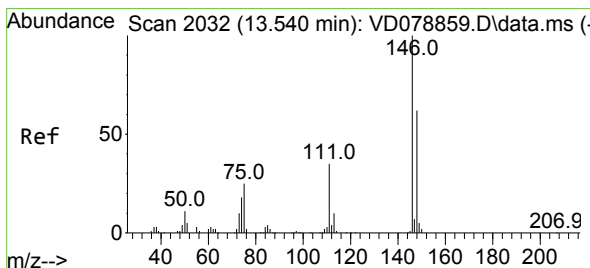
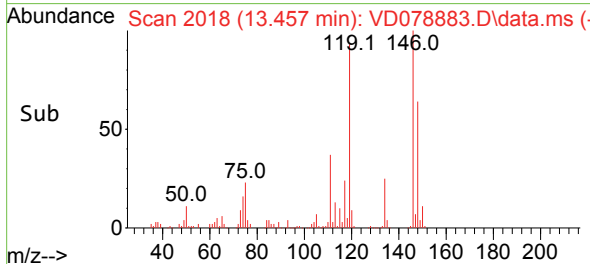
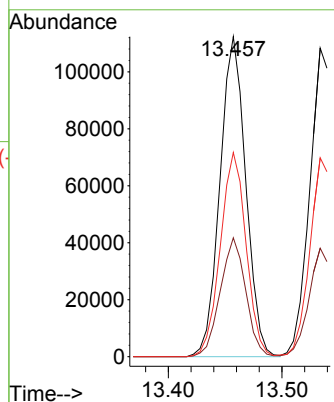
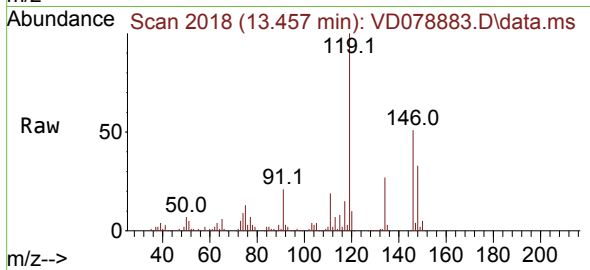




#87
 1,3-Dichlorobenzene
 Concen: 52.628 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

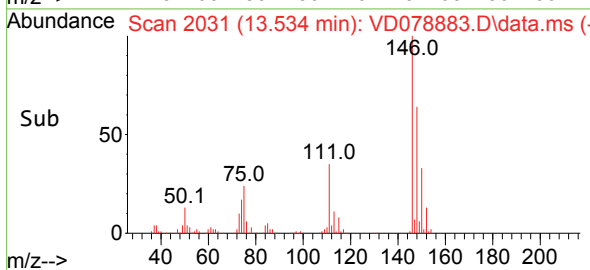
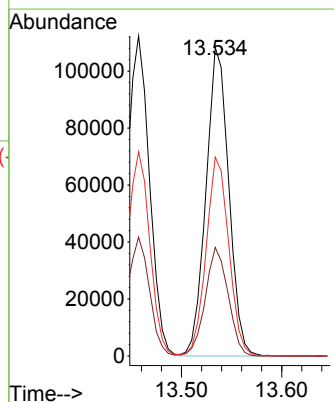
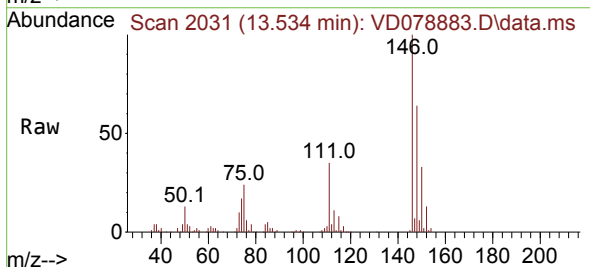
Instrument :
 MSVOA_D
 ClientSampleId :

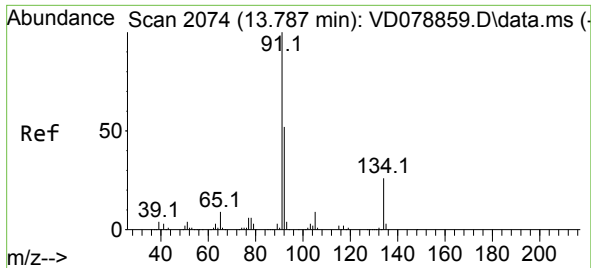
Tgt Ion:146 Resp: 177267
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.2 54.6
 148 63.6 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 51.461 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078883.D
 Acq: 07 May 2024 17:25

Tgt Ion:146 Resp: 171586
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.8 53.3
 148 64.1 32.4 97.0

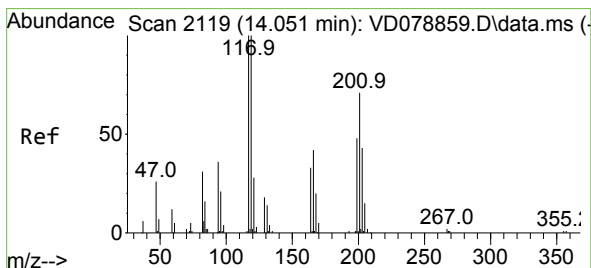
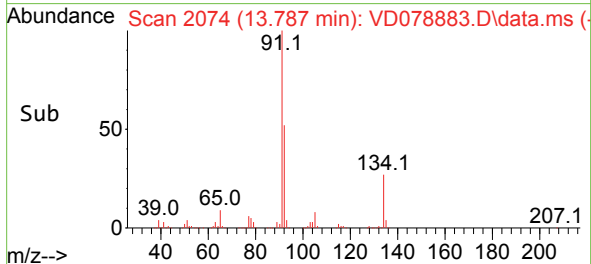
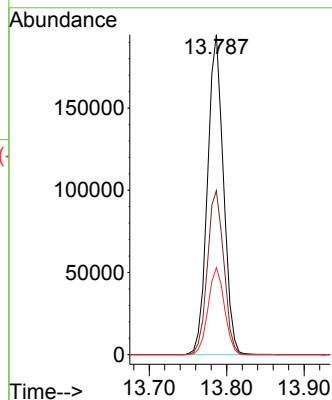
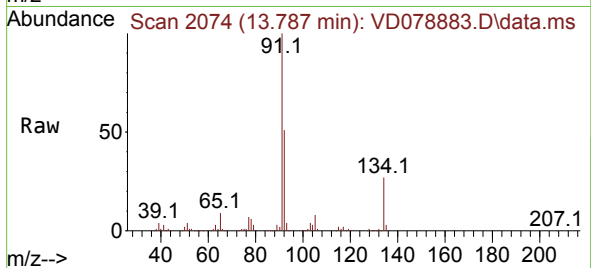




#89
n-Butylbenzene
Concen: 53.018 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

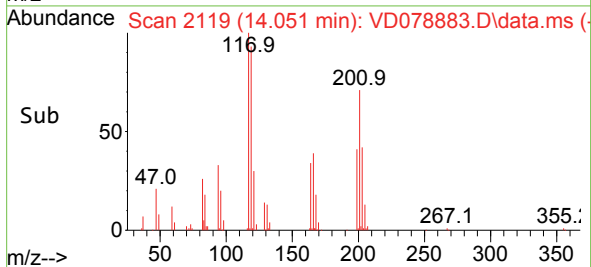
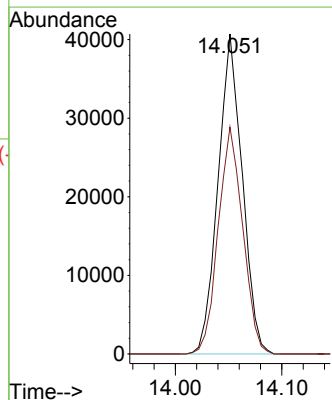
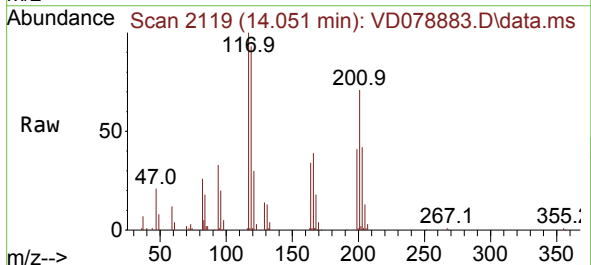
Instrument :
MSVOA_D
ClientSampleId :

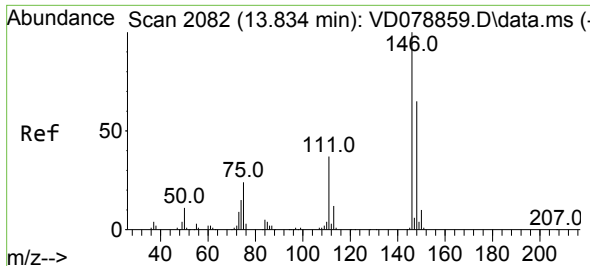
Tgt Ion: 91 Resp: 278320
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 27.9 13.0 38.9



#90
Hexachloroethane
Concen: 50.919 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

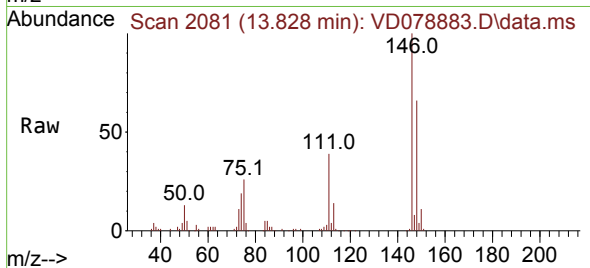
Tgt Ion: 117 Resp: 64146
Ion Ratio Lower Upper
117 100
201 71.9 36.2 108.6



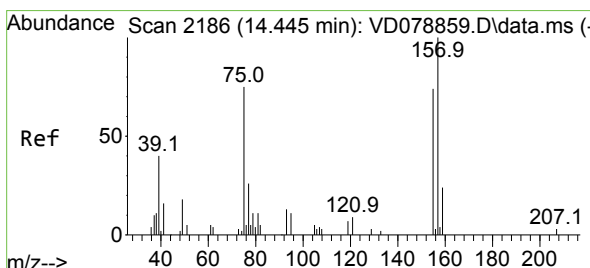
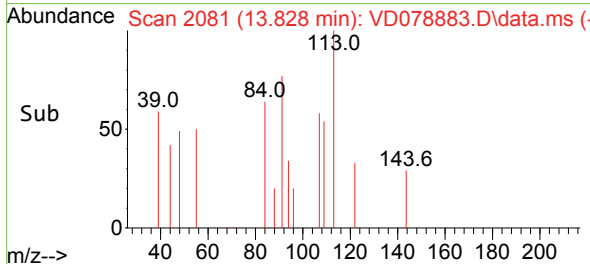
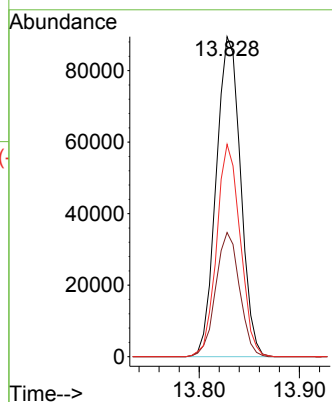


#91
1,2-Dichlorobenzene
Concen: 52.362 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

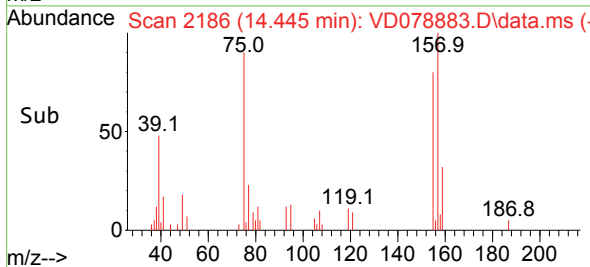
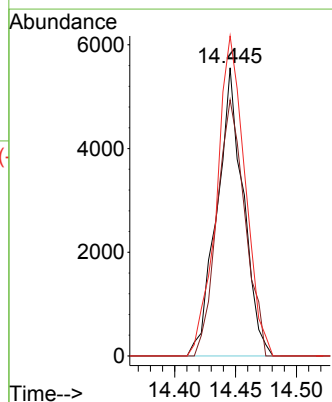
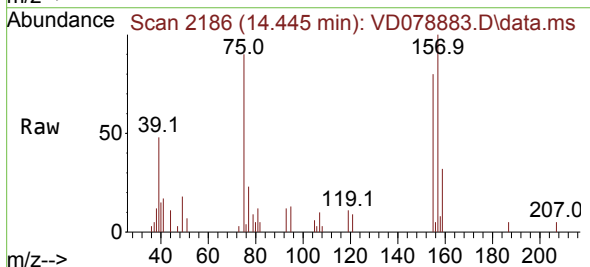


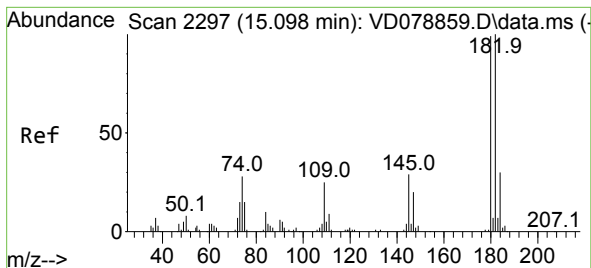
Tgt Ion:146 Resp: 150944
Ion Ratio Lower Upper
146 100
111 38.0 18.6 56.0
148 64.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.116 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion: 75 Resp: 8322
Ion Ratio Lower Upper
75 100
155 94.8 49.8 149.3
157 120.6 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 55.357 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

Instrument :

MSVOA_D

ClientSampleId :

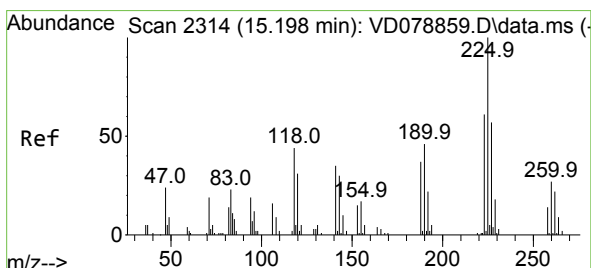
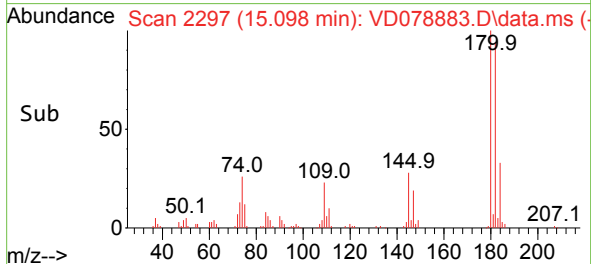
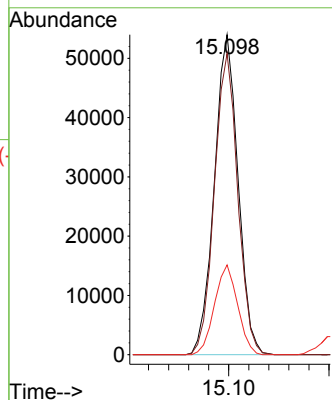
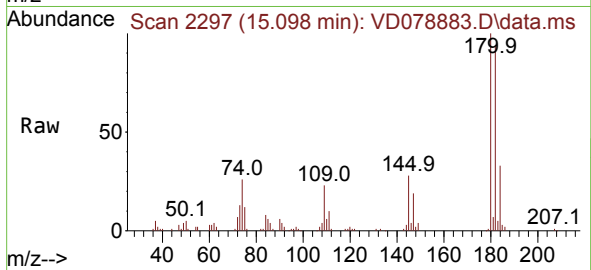
Tgt Ion:180 Resp: 88651

Ion Ratio Lower Upper

180 100

182 92.6 49.7 149.1

145 27.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 56.453 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD078883.D

Acq: 07 May 2024 17:25

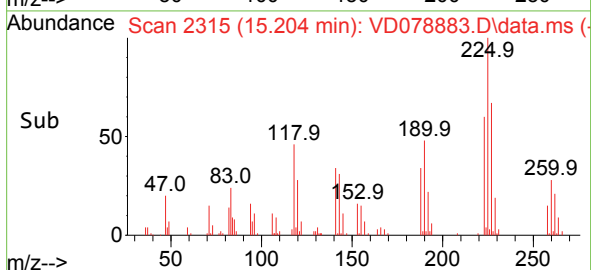
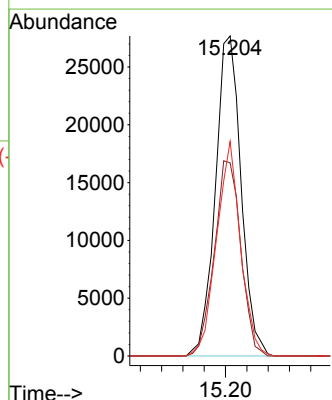
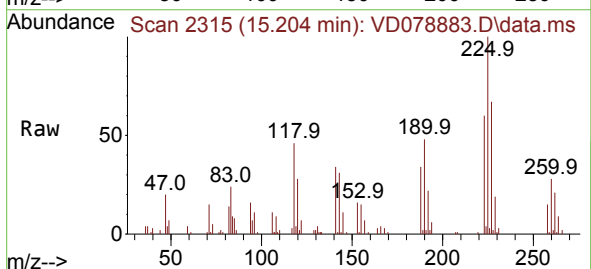
Tgt Ion:225 Resp: 46313

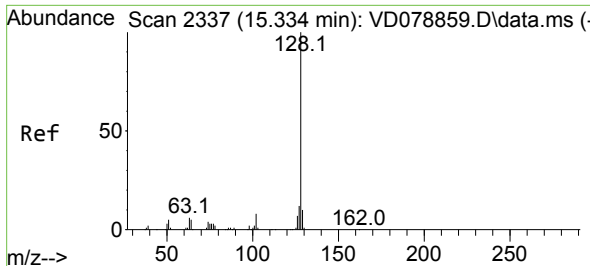
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.7

227 62.4 32.0 96.0

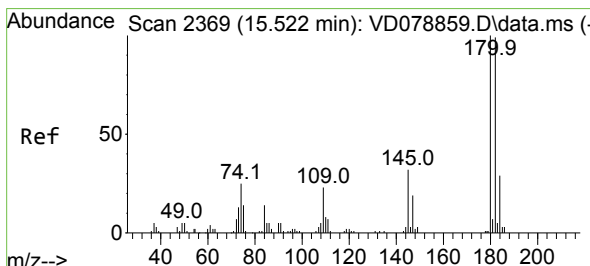
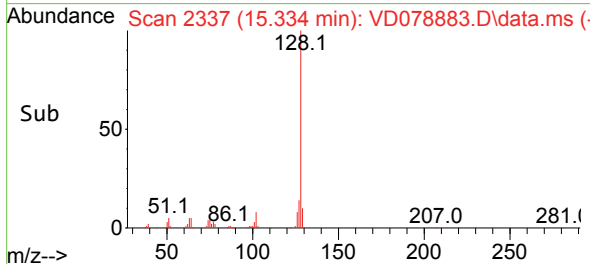
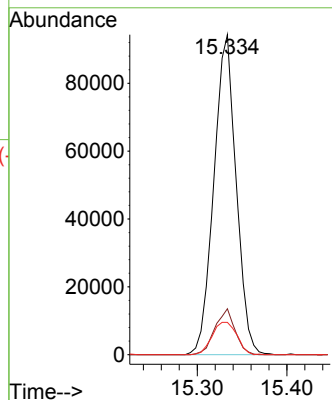
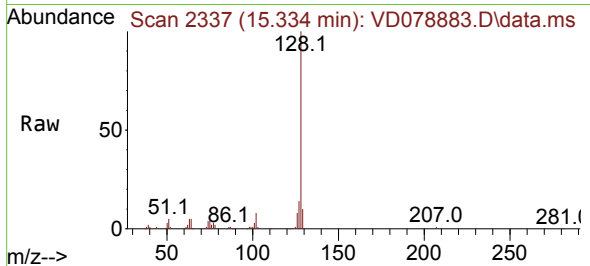




#95
Naphthalene
Concen: 56.367 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 162630
Ion Ratio Lower Upper
128 100
127 14.4 9.3 13.9#
129 10.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.348 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078883.D
Acq: 07 May 2024 17:25

Tgt Ion:180 Resp: 79942
Ion Ratio Lower Upper
180 100
182 94.5 46.7 140.1
145 32.4 14.4 43.4

