

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078954.D
 Acq On : 16 May 2024 19:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 06:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63076	51.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.804	113	72586	50.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.269	98	286644	53.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.569	95	88258	58.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	54273	44.805	ug/l	98
3) Chloromethane	2.146	50	81378	50.038	ug/l	96
4) Vinyl Chloride	2.281	62	130404	50.556	ug/l	99
5) Bromomethane	2.693	94	111864	45.051	ug/l	97
6) Chloroethane	2.834	64	107942	46.553	ug/l	99
7) Trichlorofluoromethane	3.175	101	101274	39.890	ug/l	92
8) Diethyl Ether	3.593	74	28159	48.999	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	62590	46.687	ug/l	100
10) Methyl Iodide	4.169	142	76728	47.904	ug/l	97
11) Tert butyl alcohol	5.046	59	12735	241.059	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	61312	46.721	ug/l	99
13) Acrolein	3.799	56	26001	214.802	ug/l	96
14) Allyl chloride	4.557	41	62299	48.651	ug/l	99
15) Acrylonitrile	5.252	53	57494	244.611	ug/l	96
16) Acetone	4.016	43	42853	221.028	ug/l	93
17) Carbon Disulfide	4.269	76	174865	45.628	ug/l	98
18) Methyl Acetate	4.563	43	25374	56.840	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	127983	50.052	ug/l	93
20) Methylene Chloride	4.799	84	87543	57.650	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	69389	47.439	ug/l	98
22) Diisopropyl ether	6.216	45	151260	52.226	ug/l	99
23) Vinyl Acetate	6.157	43	424741	244.505	ug/l	99
24) 1,1-Dichloroethane	6.110	63	110835	48.274	ug/l	98
25) 2-Butanone	7.087	43	59533	229.583	ug/l #	88
26) 2,2-Dichloropropane	7.081	77	93174	46.179	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	84871	49.413	ug/l	99
28) Bromochloromethane	7.428	49	45131	58.942	ug/l	96
29) Tetrahydrofuran	7.446	42	37523	250.179	ug/l	98
30) Chloroform	7.598	83	125803	48.377	ug/l	96
31) Cyclohexane	7.881	56	76020	42.792	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	106332	47.747	ug/l	99
36) 1,1-Dichloropropene	8.010	75	83698	47.215	ug/l	98
37) Ethyl Acetate	7.169	43	27647	45.763	ug/l	98
38) Carbon Tetrachloride	7.993	117	93716	45.174	ug/l	96
39) Methylcyclohexane	9.275	83	102289	47.490	ug/l	95
40) Benzene	8.251	78	271298	47.317	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	14704	45.233	ug/l	95
42) 1,2-Dichloroethane	8.328	62	65554	47.235	ug/l	97
43) Isopropyl Acetate	8.357	43	52290	48.780	ug/l	98
44) Trichloroethene	9.028	130	70313	46.234	ug/l	96
45) 1,2-Dichloropropane	9.304	63	61888	49.119	ug/l	93
46) Dibromomethane	9.393	93	39130	47.176	ug/l	98
47) Bromodichloromethane	9.581	83	96413	48.288	ug/l	98
48) Methyl methacrylate	9.375	41	26556	50.890	ug/l	95
49) 1,4-Dioxane	9.381	88	6883	943.381	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	142134	248.939	ug/l	99
52) Toluene	10.334	92	181972	49.582	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	85074	50.143	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	100897	49.547	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	52313	48.818	ug/l	99
56) Ethyl methacrylate	10.598	69	57221	51.901	ug/l	94
57) 1,3-Dichloropropane	10.881	76	83937	50.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	126291	266.596	ug/l	97
59) 2-Hexanone	10.922	43	102413	257.699	ug/l	95
60) Dibromochloromethane	11.075	129	72454	49.598	ug/l	98
61) 1,2-Dibromoethane	11.181	107	49890	51.061	ug/l	94
64) Tetrachloroethene	10.810	164	62118	44.357	ug/l	97
65) Chlorobenzene	11.604	112	214182	46.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	74664	47.039	ug/l	96
67) Ethyl Benzene	11.681	91	351822	47.640	ug/l	99
68) m/p-Xylenes	11.792	106	289273	96.345	ug/l	98
69) o-Xylene	12.122	106	136666	49.928	ug/l	96
70) Styrene	12.134	104	241629	49.808	ug/l	100
71) Bromoform	12.298	173	42411	46.644	ug/l #	94
73) Isopropylbenzene	12.422	105	343883	49.988	ug/l	100
74) N-amyl acetate	12.234	43	52905	47.397	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	57220	46.113	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	69542	85.704	ug/l #	100
77) Bromobenzene	12.698	156	86943	48.061	ug/l	96
78) n-propylbenzene	12.763	91	403516	48.530	ug/l	100
79) 2-Chlorotoluene	12.845	91	222579	48.163	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	283632	49.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19712	48.174	ug/l	92
82) 4-Chlorotoluene	12.945	91	234104	48.286	ug/l	100
83) tert-Butylbenzene	13.163	119	258294	51.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	293838	49.634	ug/l	99
85) sec-Butylbenzene	13.345	105	375923	49.857	ug/l	99
86) p-Isopropyltoluene	13.457	119	329453	50.151	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	178879	46.728	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	172047	45.892	ug/l	98
89) n-Butylbenzene	13.786	91	295689	50.232	ug/l	99
90) Hexachloroethane	14.051	117	64125	46.278	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	150748	47.065	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8586	51.974	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	100804	53.601	ug/l	99
94) Hexachlorobutadiene	15.198	225	46638	47.453	ug/l	100
95) Naphthalene	15.327	128	192115	59.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	87454	52.276	ug/l	99

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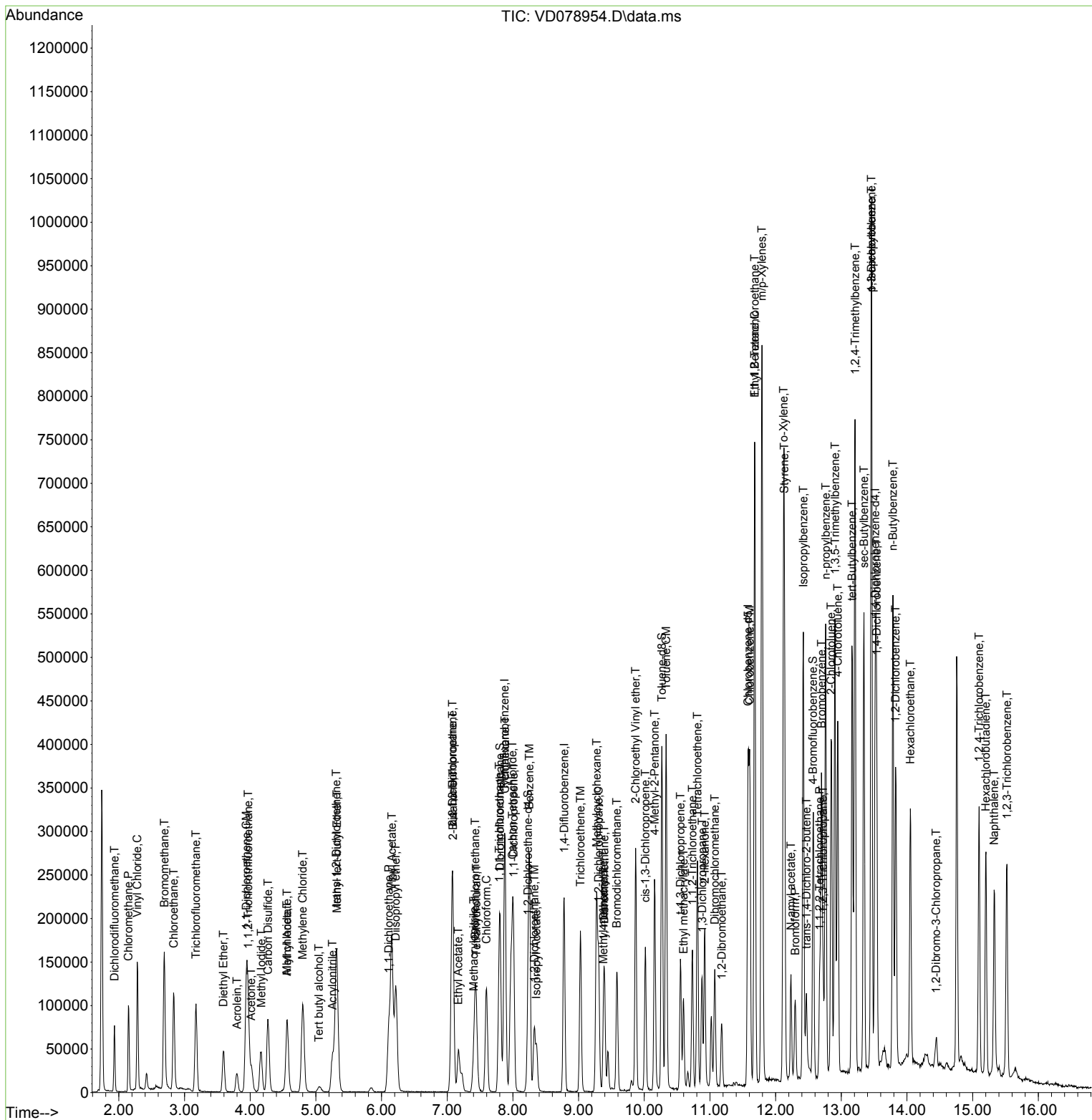
Instrument :
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VSTDCCC050EC

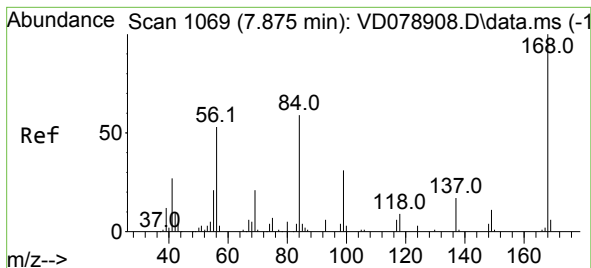
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

ClientSampleId :

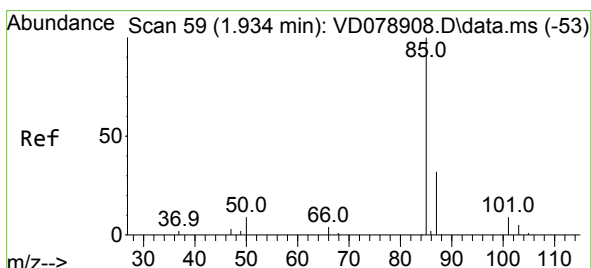
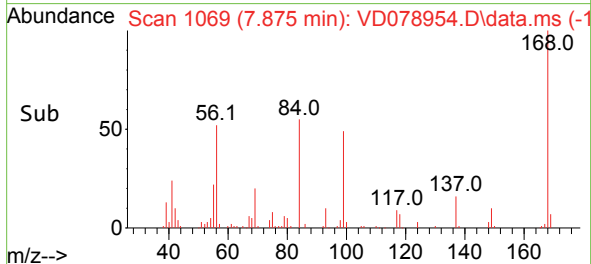
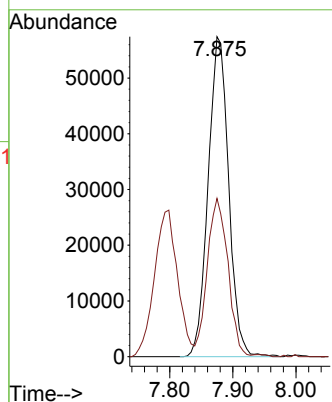
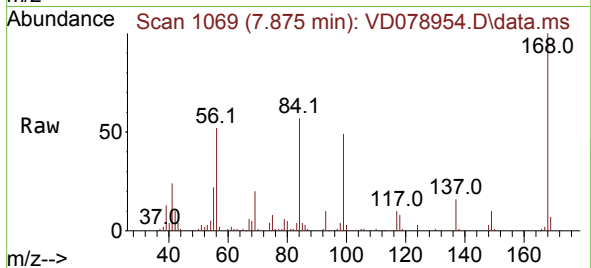
VSTDCCC050EC

Tgt Ion:168 Resp: 129634

Ion Ratio Lower Upper

168 100

99 49.4 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 44.805 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078954.D

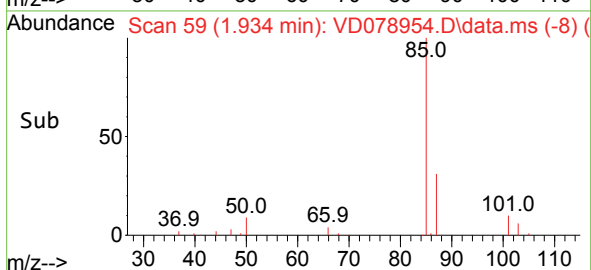
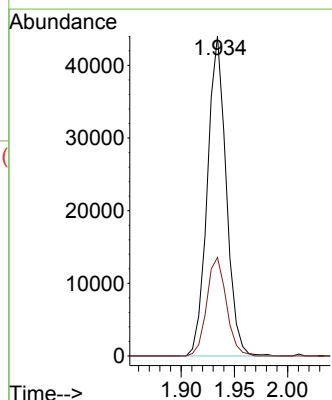
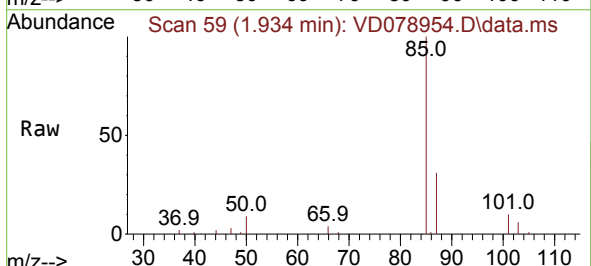
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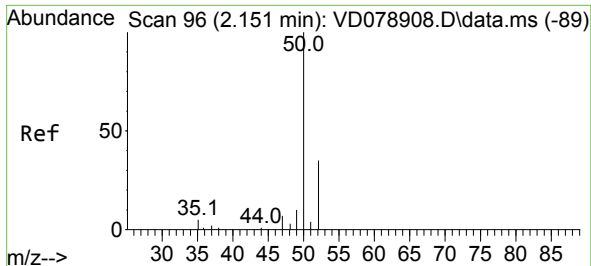
Tgt Ion: 85 Resp: 54273

Ion Ratio Lower Upper

85 100

87 30.8 16.0 48.0

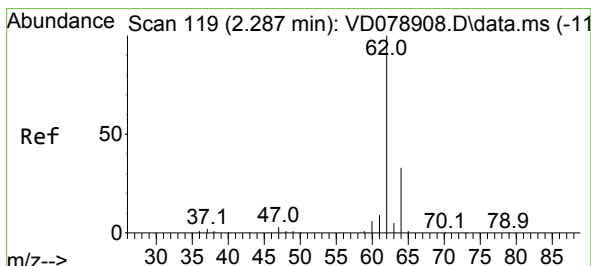
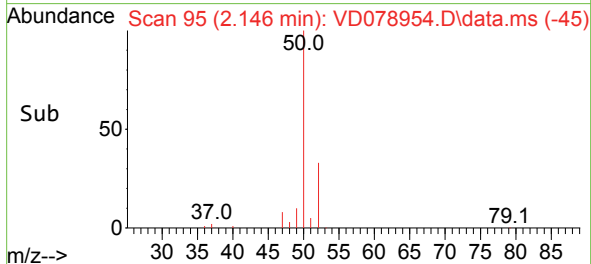
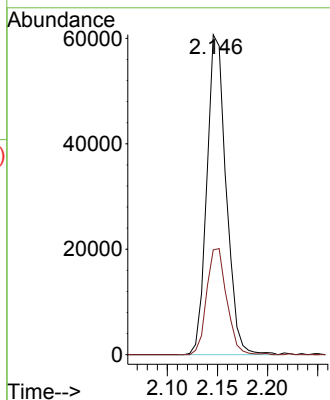
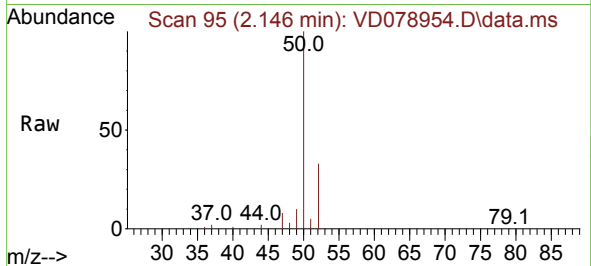




#3
Chloromethane
Concen: 50.038 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

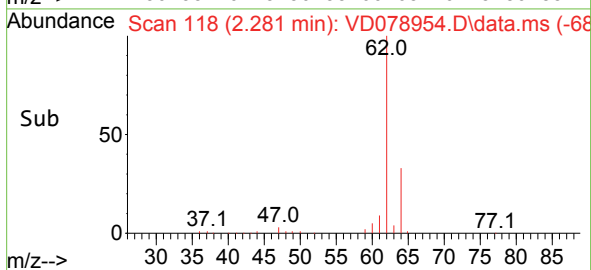
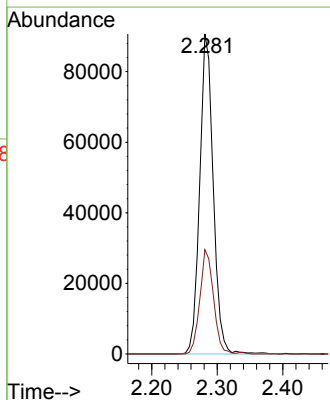
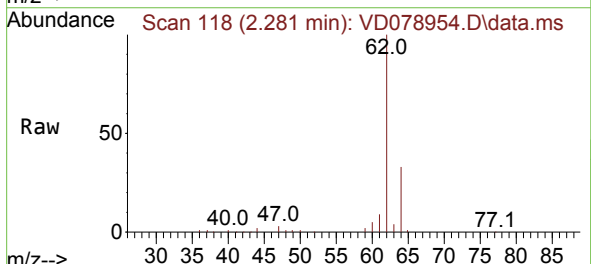
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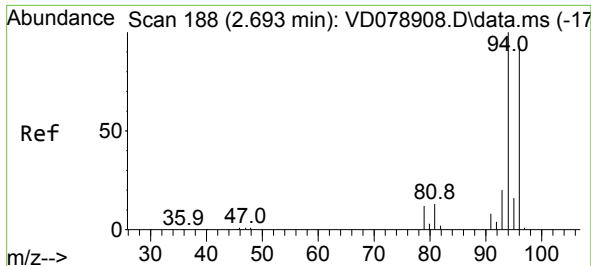
Tgt Ion: 50 Resp: 81378
Ion Ratio Lower Upper
50 100
52 32.7 28.2 42.2



#4
Vinyl Chloride
Concen: 50.556 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 62 Resp: 130404
Ion Ratio Lower Upper
62 100
64 32.6 26.3 39.5

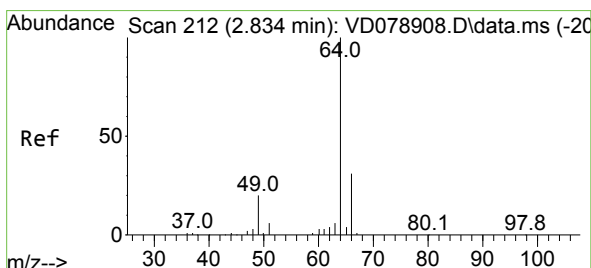
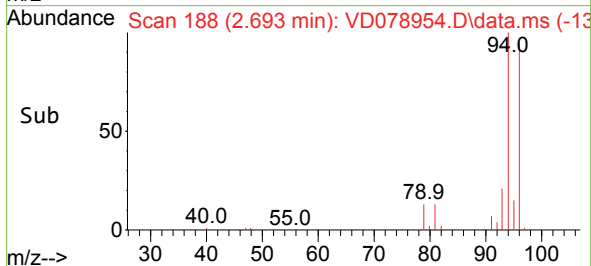
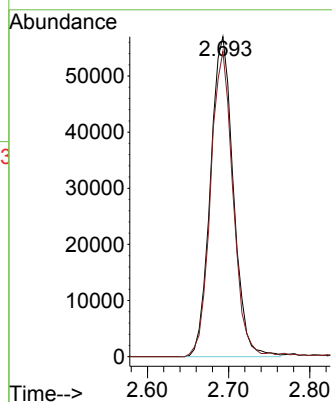
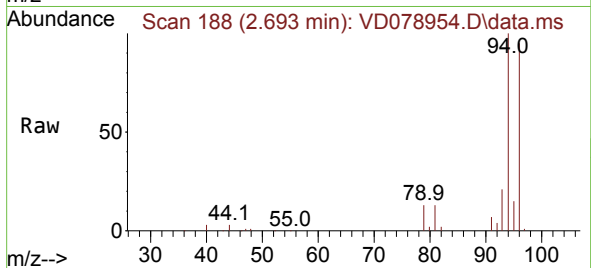




#5
Bromomethane
Concen: 45.051 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

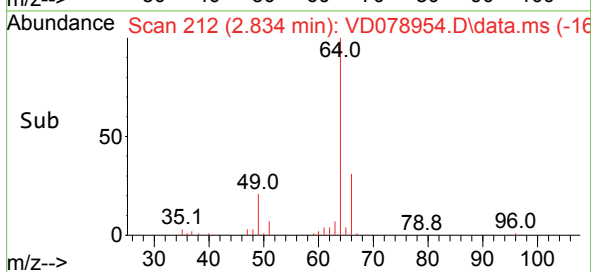
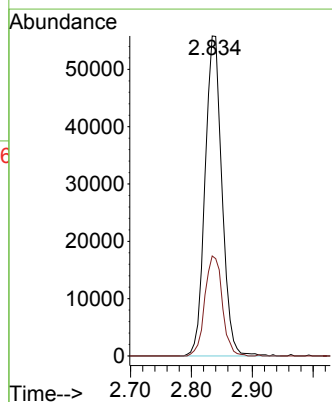
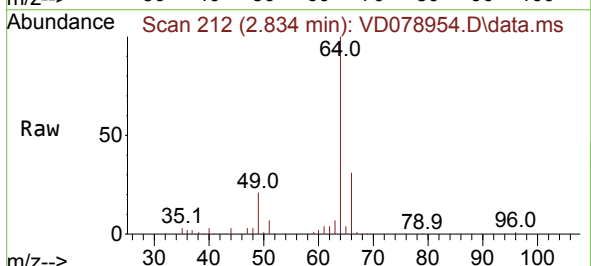
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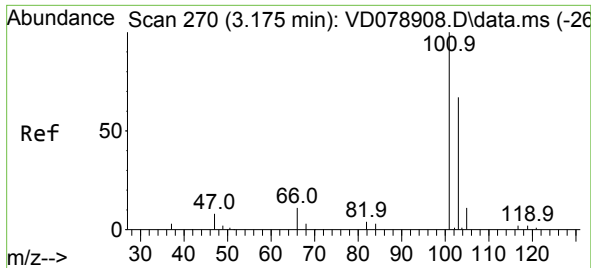
Tgt Ion: 94 Resp: 111864
Ion Ratio Lower Upper
94 100
96 93.4 76.9 115.3



#6
Chloroethane
Concen: 46.553 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 64 Resp: 107942
Ion Ratio Lower Upper
64 100
66 31.2 24.5 36.7

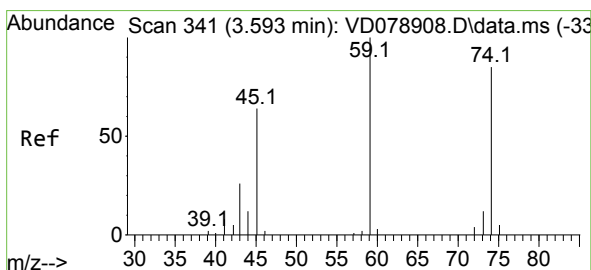
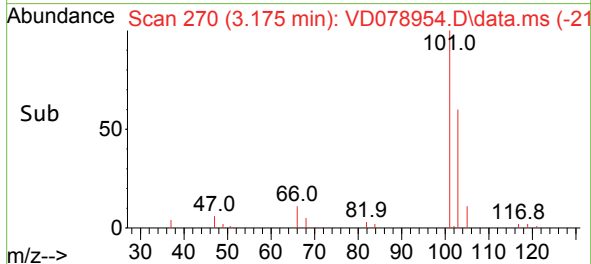
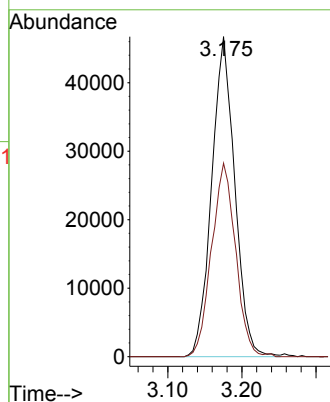
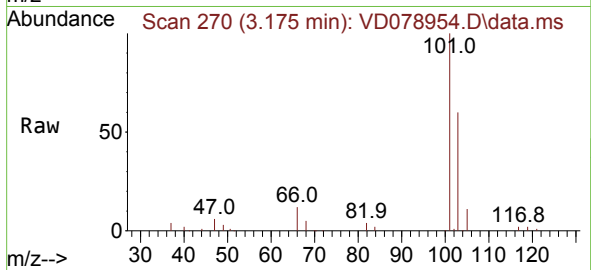




#7
 Trichlorofluoromethane
 Concen: 39.890 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

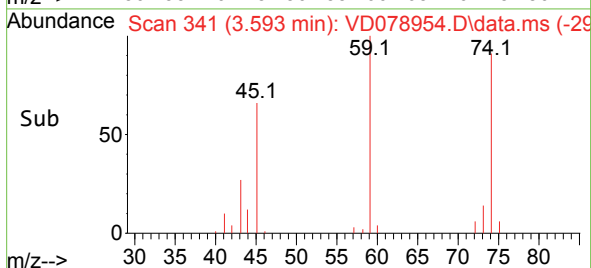
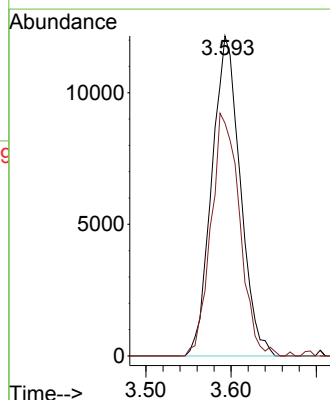
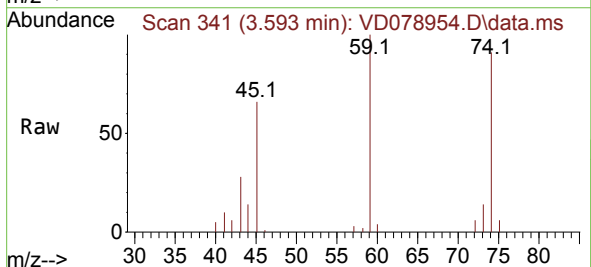
Instrument :
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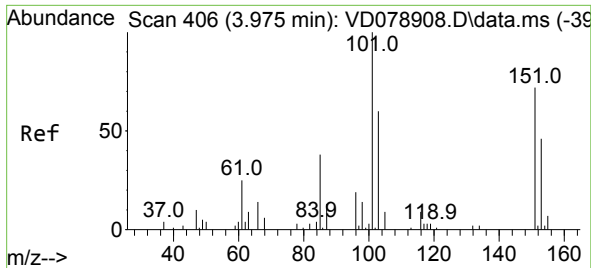
Tgt Ion:101 Resp: 101274
 Ion Ratio Lower Upper
 101 100
 103 60.4 53.2 79.8



#8
 Diethyl Ether
 Concen: 48.999 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 28159
 Ion Ratio Lower Upper
 74 100
 45 76.5 37.9 113.6

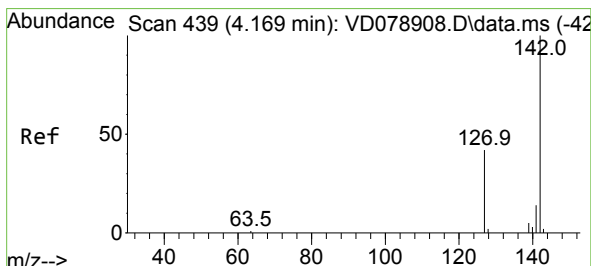
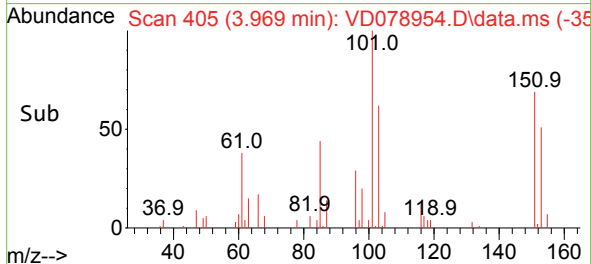
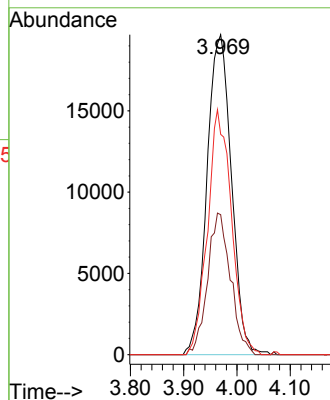
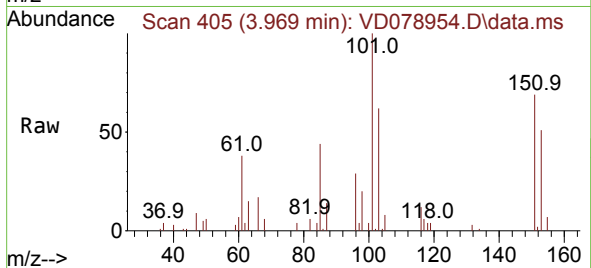




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.687 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

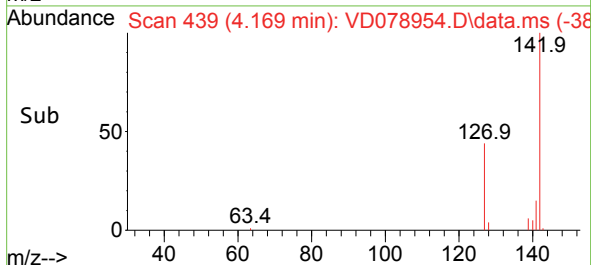
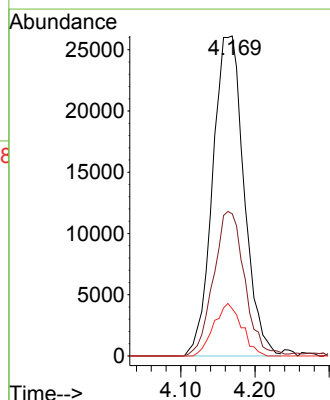
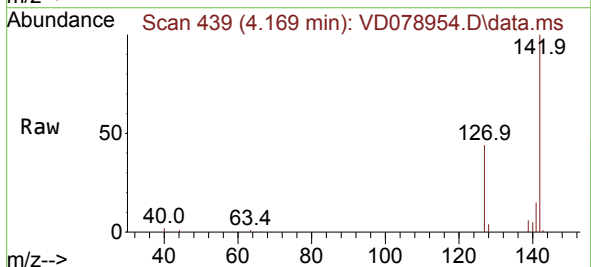
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

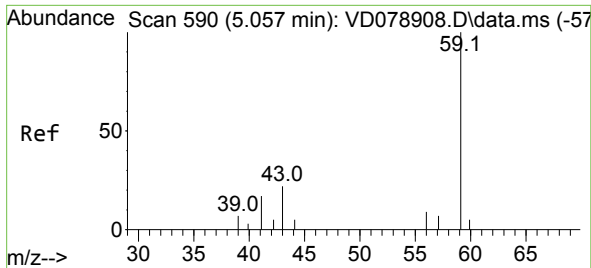
Tgt Ion:101 Resp: 62590
Ion Ratio Lower Upper
101 100
85 41.6 33.5 50.3
151 75.1 60.3 90.5



#10
Methyl Iodide
Concen: 47.904 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:142 Resp: 76728
Ion Ratio Lower Upper
142 100
127 44.9 34.2 51.4
141 14.7 11.7 17.5

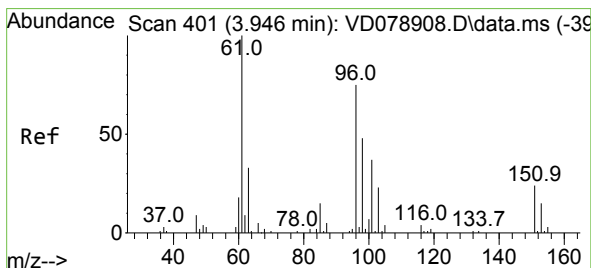
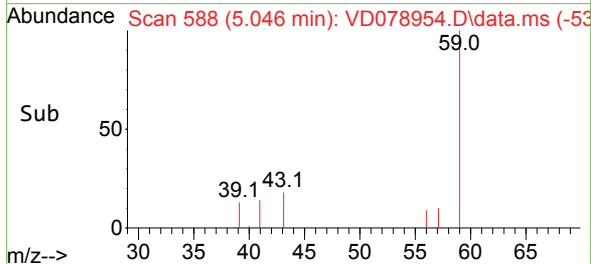
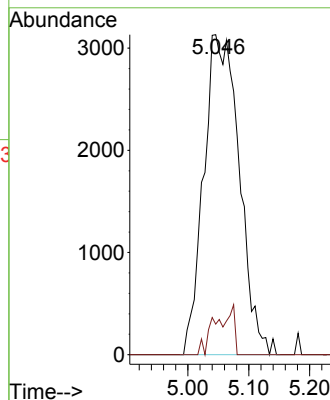
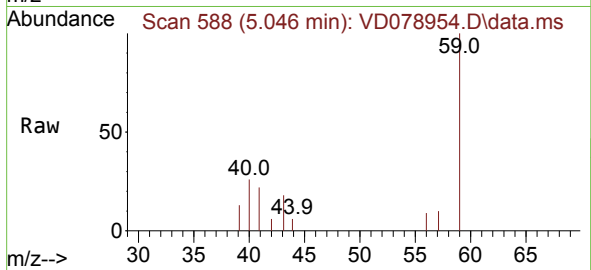




#11
Tert butyl alcohol
Concen: 241.059 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

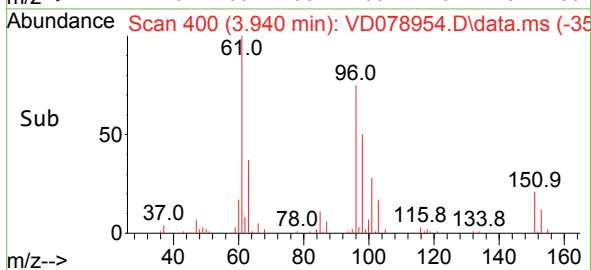
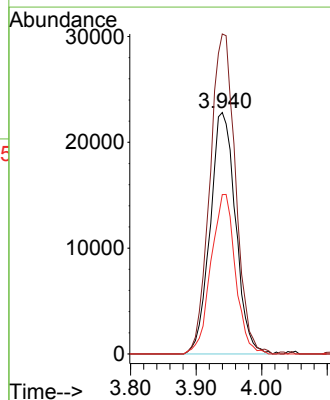
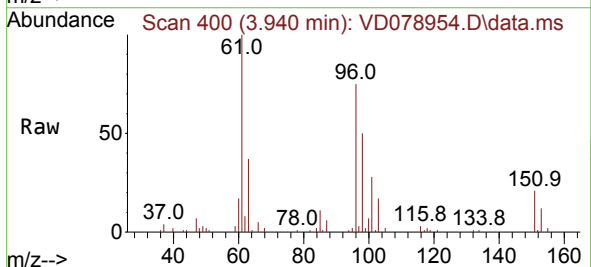
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

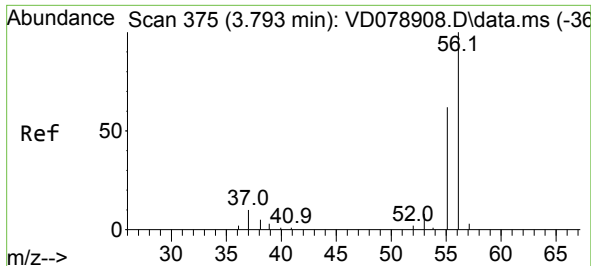
Tgt Ion: 59 Resp: 12735
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 46.721 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 96 Resp: 61312
Ion Ratio Lower Upper
96 100
61 132.5 107.3 160.9
98 66.0 51.7 77.5





#13

Acrolein

Concen: 214.802 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

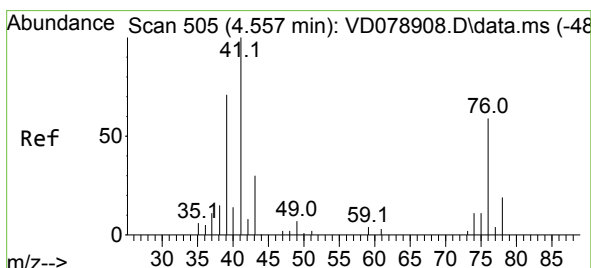
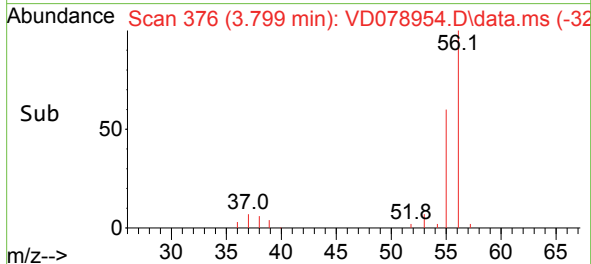
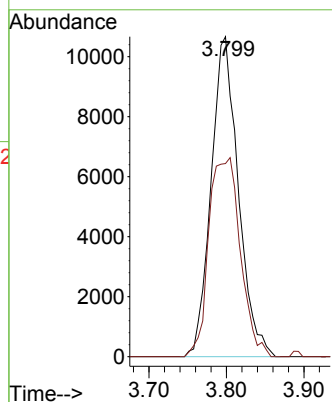
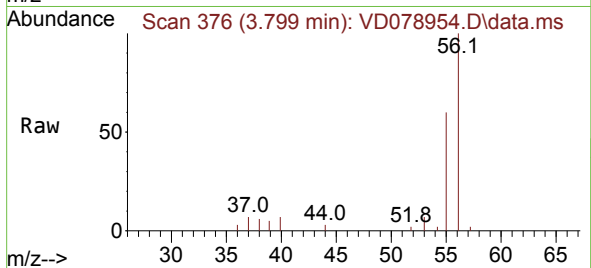
VSTDCCC050EC

Tgt Ion: 56 Resp: 26001

Ion Ratio Lower Upper

56 100

55 72.0 55.3 82.9



#14

Allyl chloride

Concen: 48.651 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

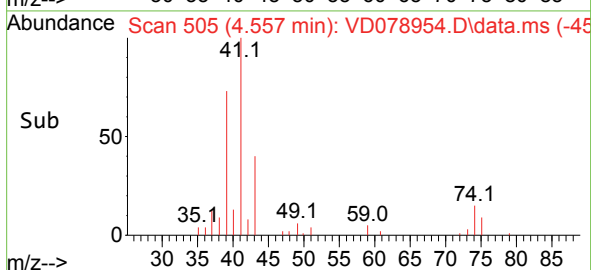
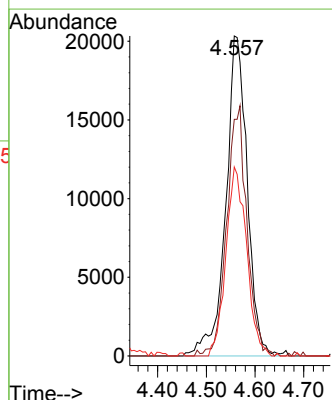
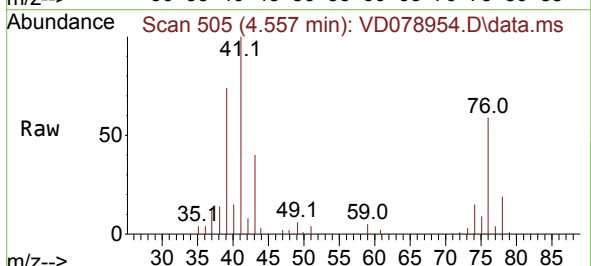
Tgt Ion: 41 Resp: 62299

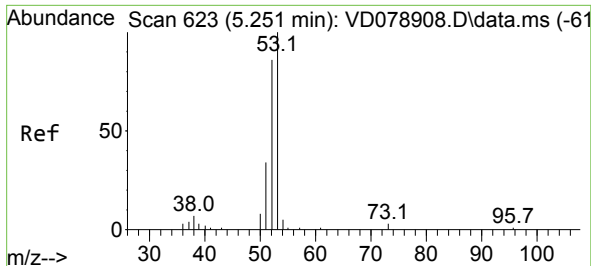
Ion Ratio Lower Upper

41 100

39 73.8 58.0 87.0

76 57.0 45.9 68.9

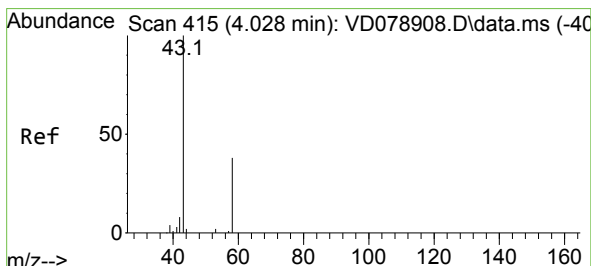
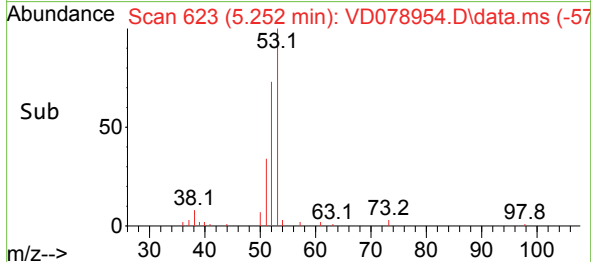
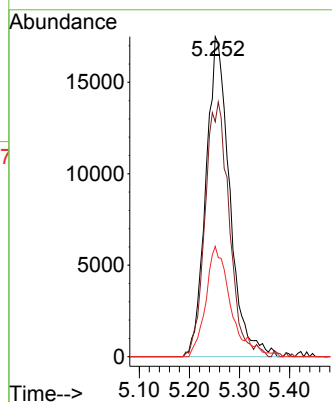
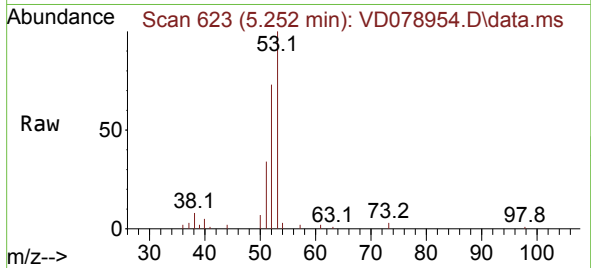




#15
Acrylonitrile
Concen: 244.611 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

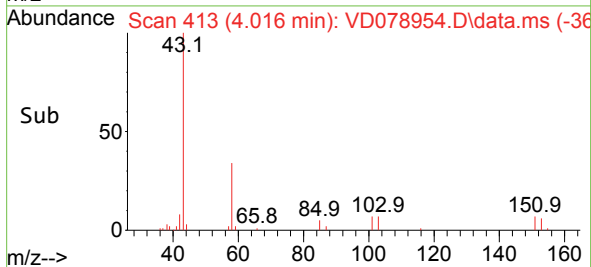
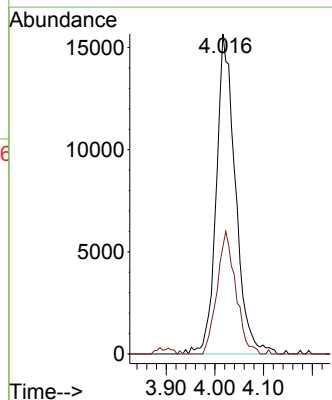
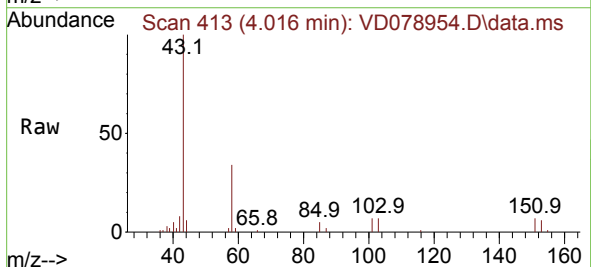
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

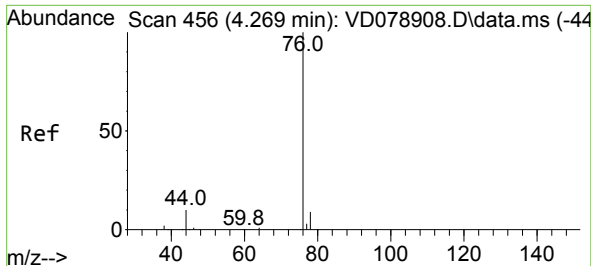
Tgt Ion: 53 Resp: 57494
Ion Ratio Lower Upper
53 100
52 80.5 67.7 101.5
51 36.3 28.6 42.8



#16
Acetone
Concen: 221.028 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 43 Resp: 42853
Ion Ratio Lower Upper
43 100
58 33.6 30.4 45.6

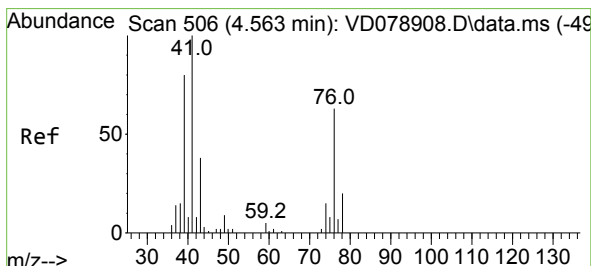
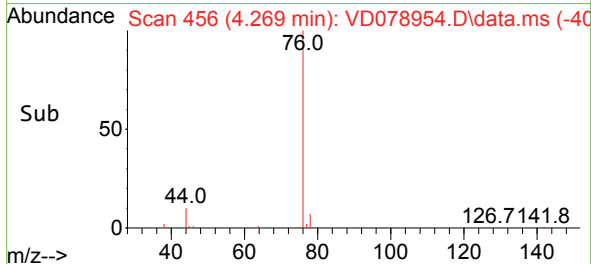
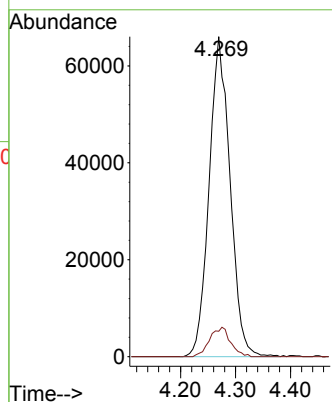
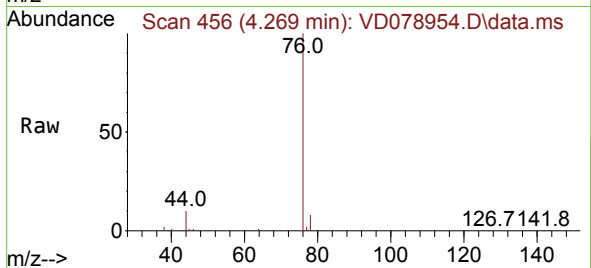




#17
Carbon Disulfide
Concen: 45.628 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

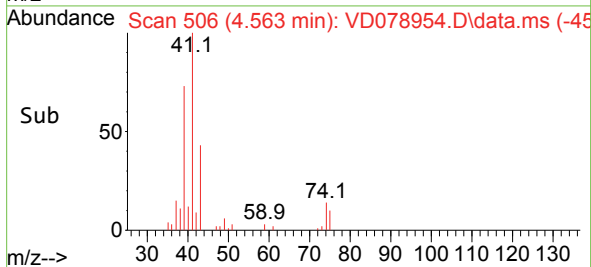
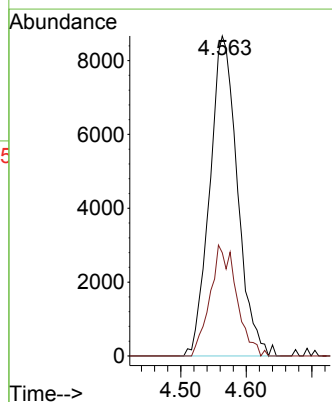
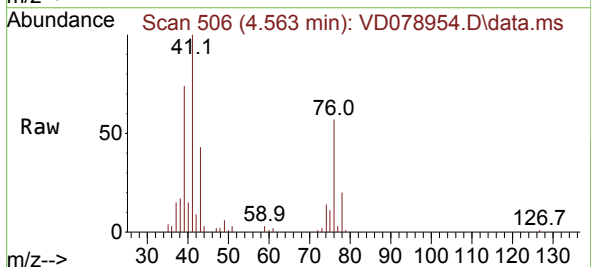
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

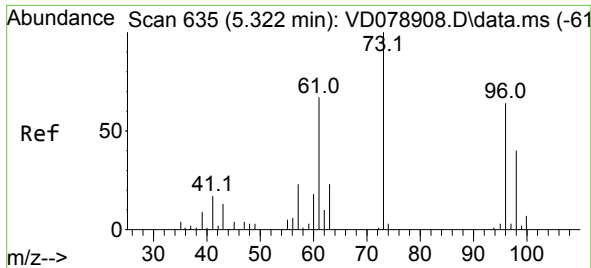
Tgt Ion: 76 Resp: 174865
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3



#18
Methyl Acetate
Concen: 56.840 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 43 Resp: 25374
Ion Ratio Lower Upper
43 100
74 33.4 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 50.052 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

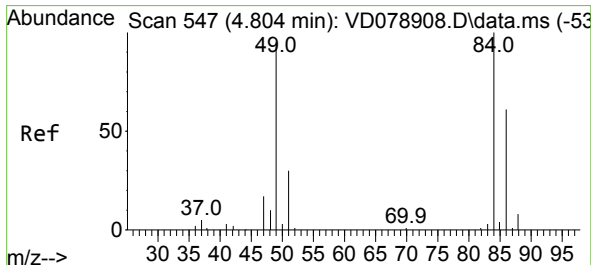
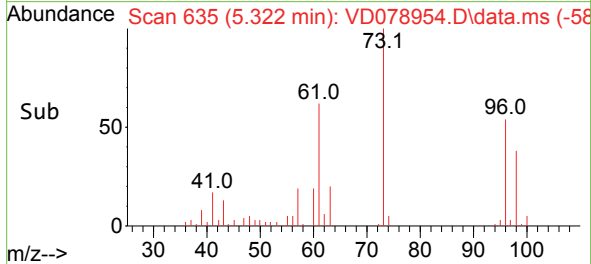
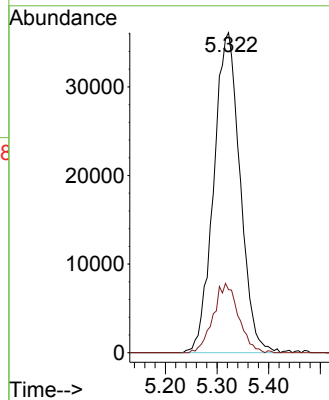
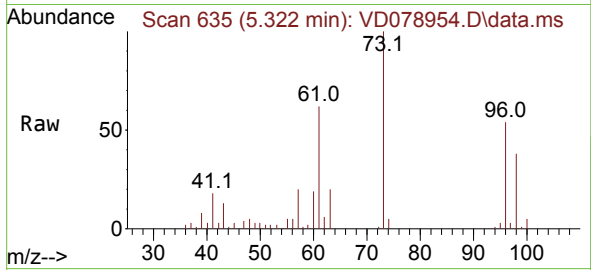
VSTDCCC050EC

Tgt Ion: 73 Resp: 127983

Ion Ratio Lower Upper

73 100

57 19.7 18.3 27.5



#20

Methylene Chloride

Concen: 57.650 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Tgt Ion: 84 Resp: 87543

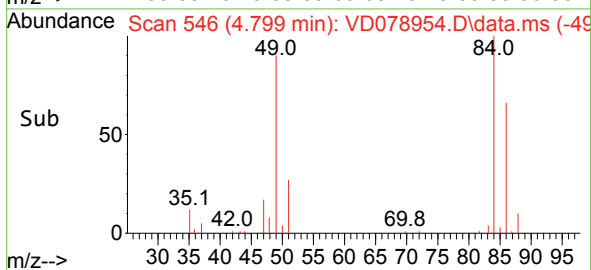
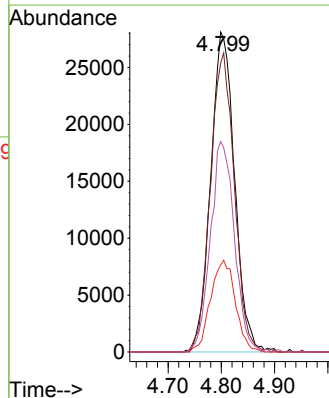
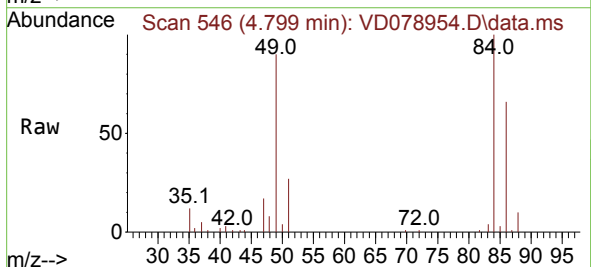
Ion Ratio Lower Upper

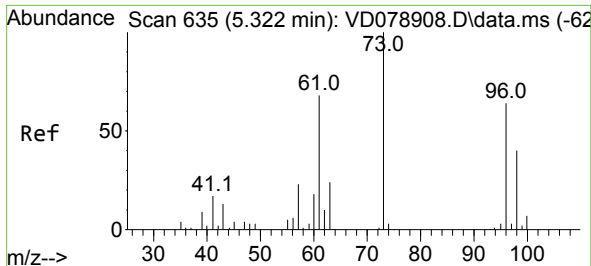
84 100

49 90.2 75.6 113.4

51 27.2 24.2 36.2

86 65.8 49.2 73.8

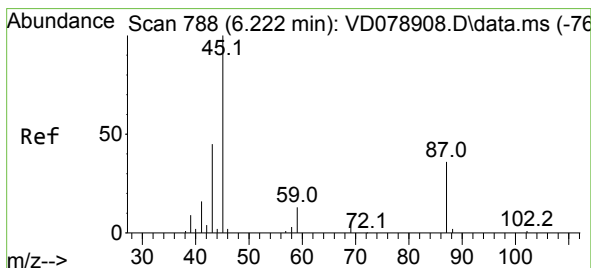
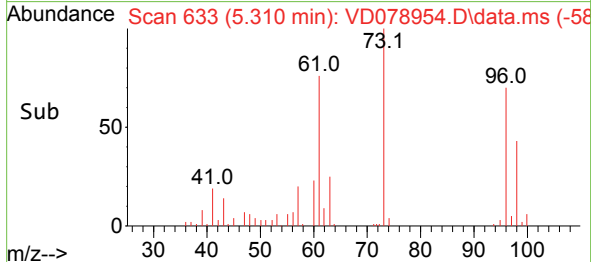
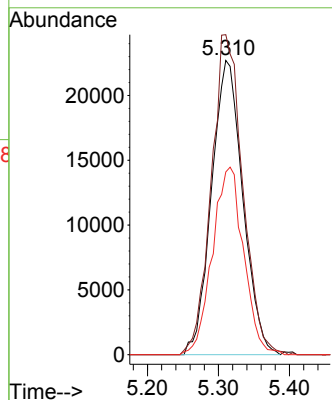
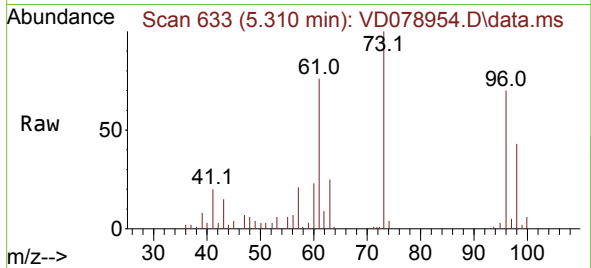




#21
trans-1,2-Dichloroethene
Concen: 47.439 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

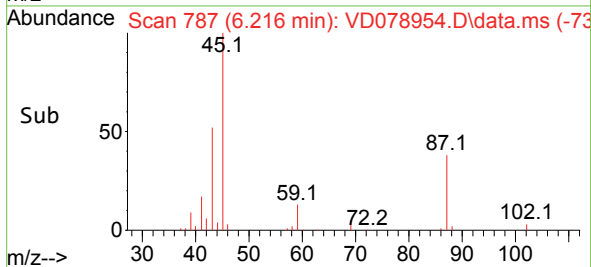
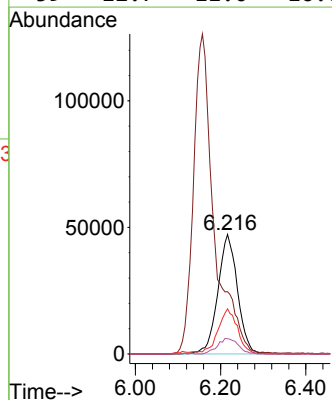
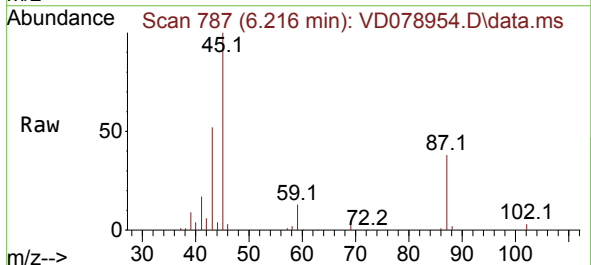
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

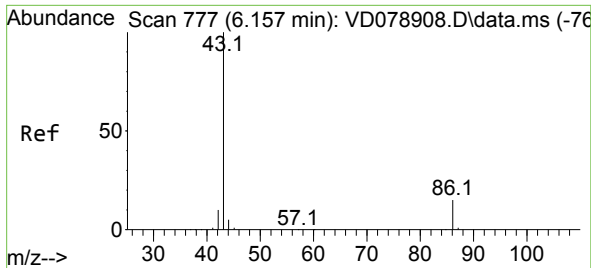
Tgt Ion: 96 Resp: 69389
Ion Ratio Lower Upper
96 100
61 108.7 84.5 126.7
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 52.226 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 45 Resp: 151260
Ion Ratio Lower Upper
45 100
43 51.4 41.7 62.5
87 37.8 30.2 45.2
59 12.7 11.0 16.6

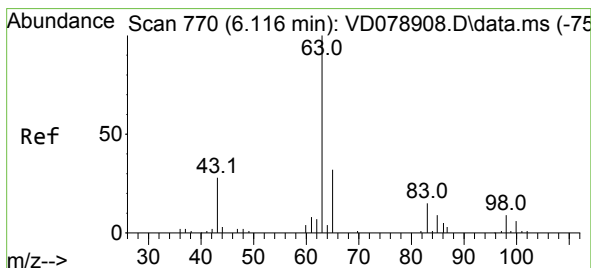
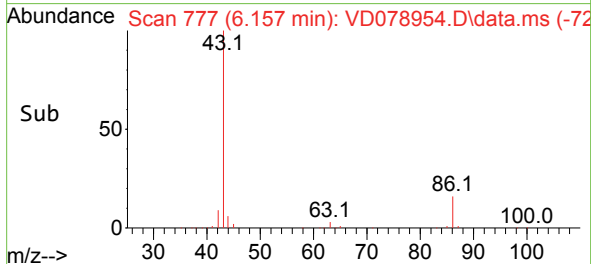
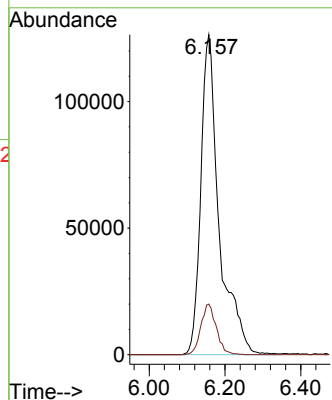
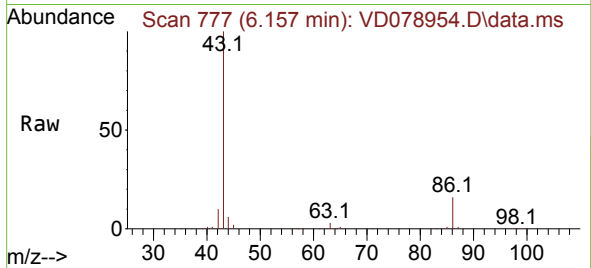




#23
 Vinyl Acetate
 Concen: 244.505 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

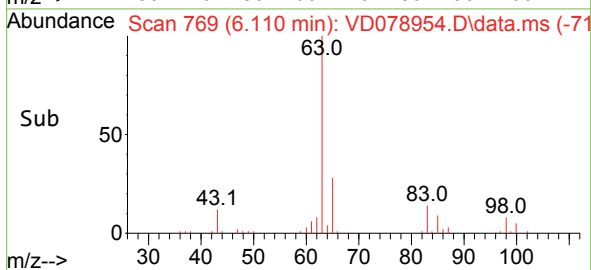
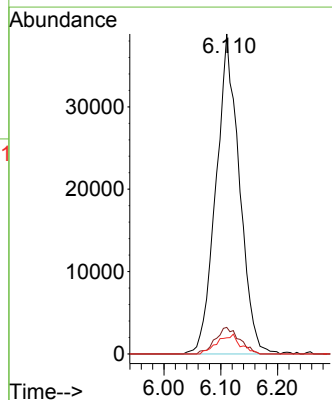
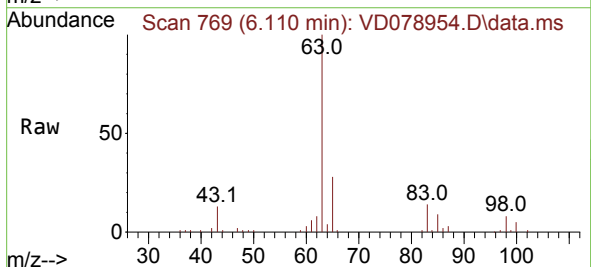
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

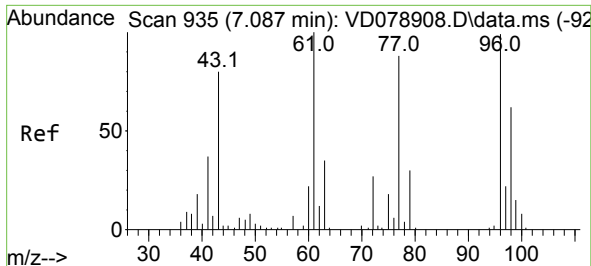
Tgt Ion: 43 Resp: 424741
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 48.274 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

Tgt Ion: 63 Resp: 110835
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.7 14.0
 100 5.1 2.9 8.6

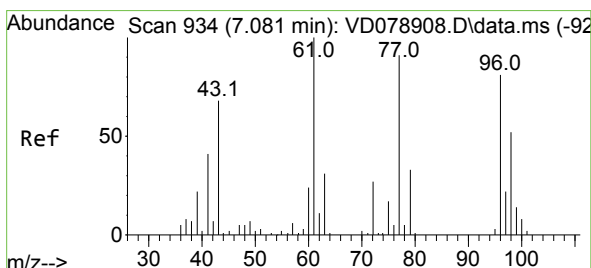
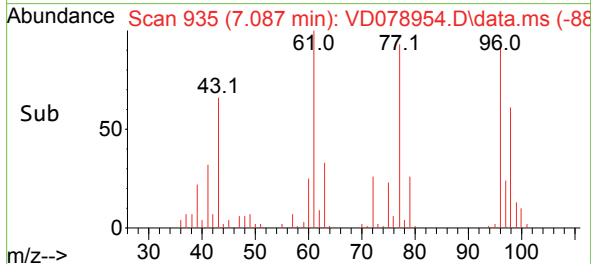
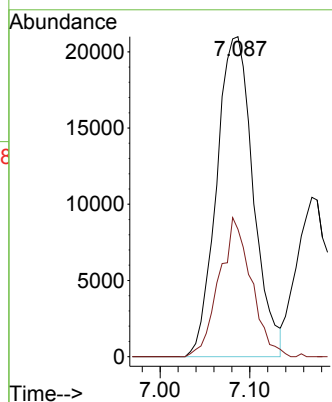
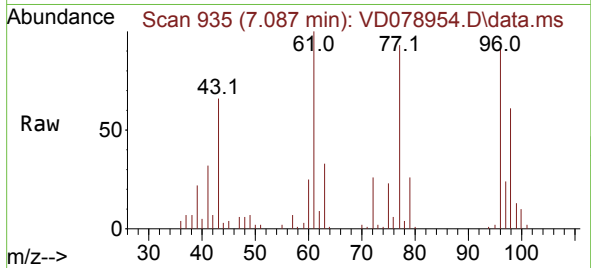




#25
2-Butanone
Concen: 229.583 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

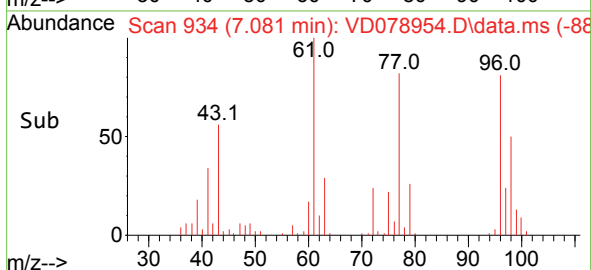
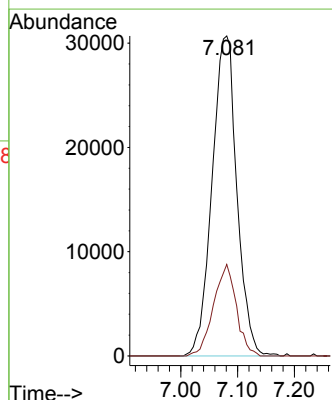
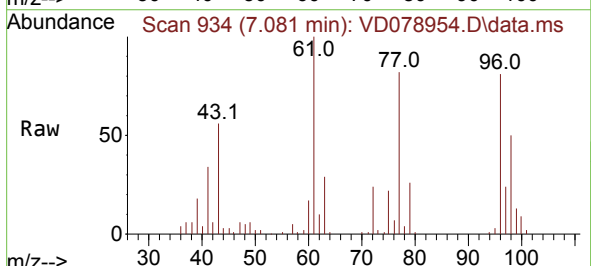
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

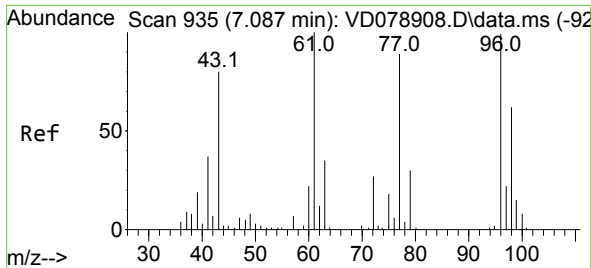
Tgt Ion: 43 Resp: 59533
Ion Ratio Lower Upper
43 100
72 39.8 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 46.179 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 77 Resp: 93174
Ion Ratio Lower Upper
77 100
97 26.3 12.4 37.2



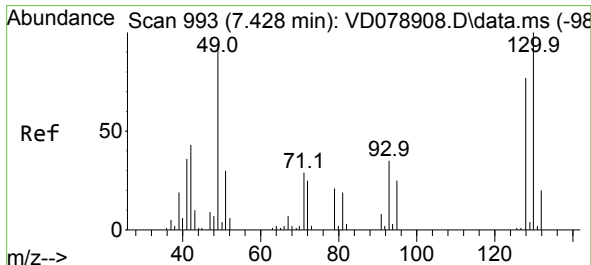
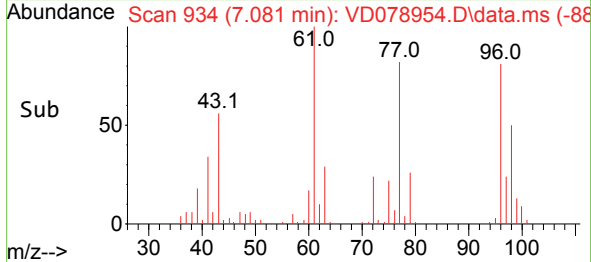
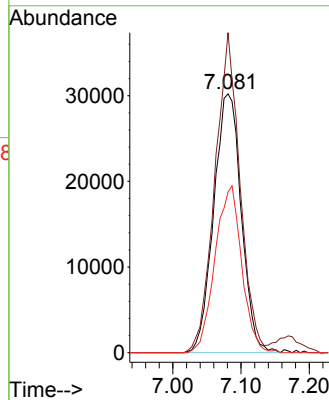
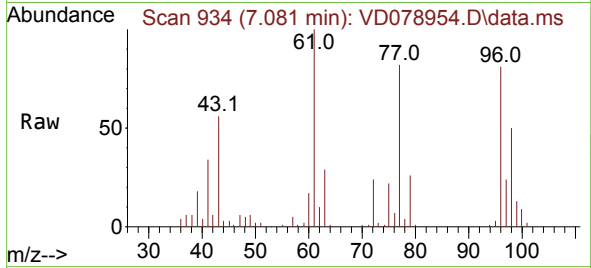


#27
 cis-1,2-Dichloroethene
 Concen: 49.413 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 84871

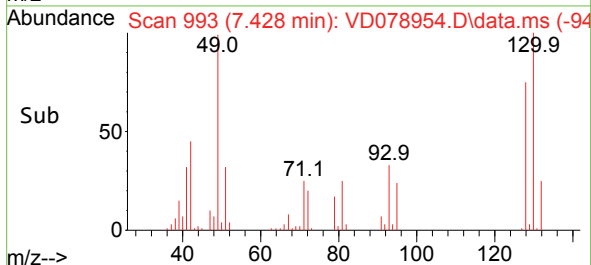
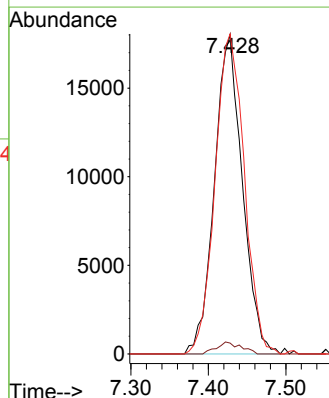
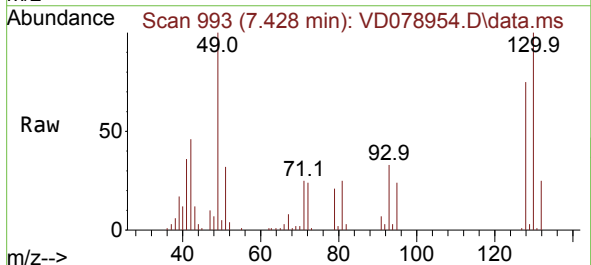
Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	229.0
98	62.6	0.0	127.2

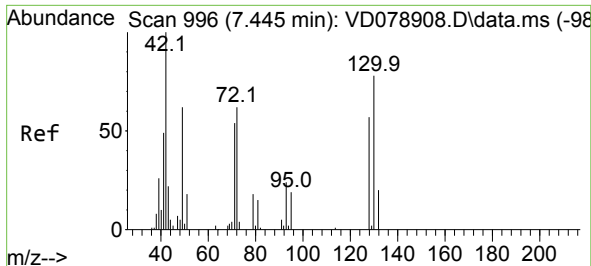


#28
 Bromochloromethane
 Concen: 58.942 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

Tgt Ion: 49 Resp: 45131

Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	7.0
130	105.0	87.7	131.5

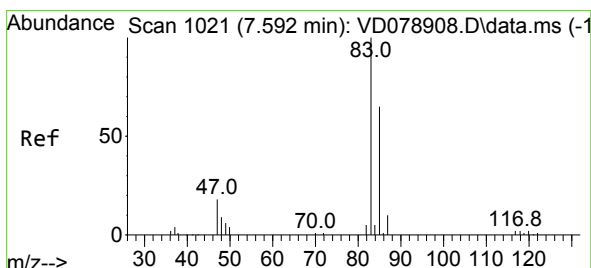
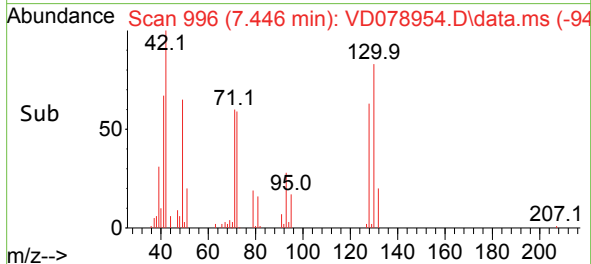
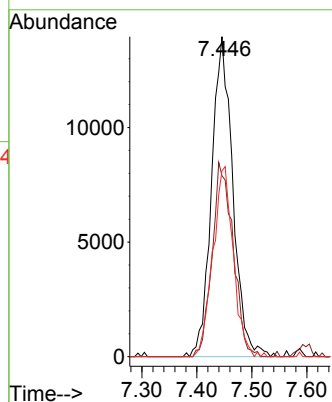
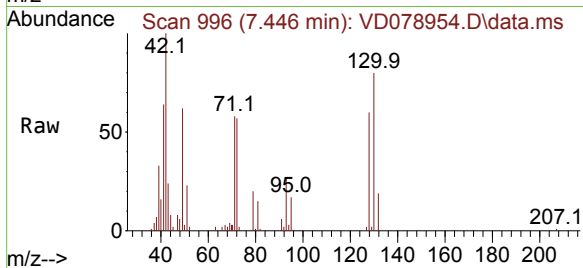




#29
Tetrahydrofuran
Concen: 250.179 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

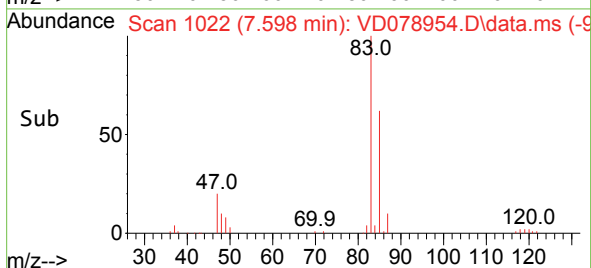
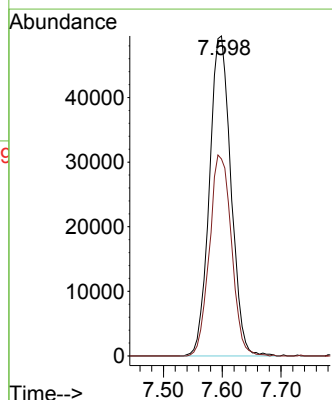
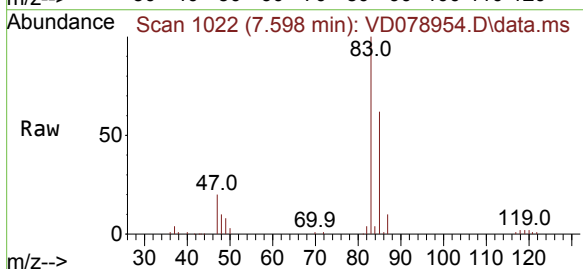
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

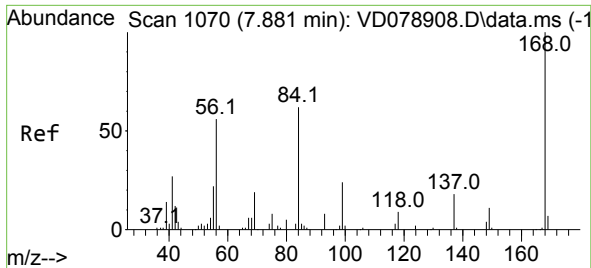
Tgt Ion:	42	Resp:	37523
Ion Ratio	Lower	Upper	
42	100		
72	59.9	49.4	74.0
71	57.2	45.0	67.6



#30
Chloroform
Concen: 48.377 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:	83	Resp:	125803
Ion Ratio	Lower	Upper	
83	100		
85	61.5	51.8	77.6

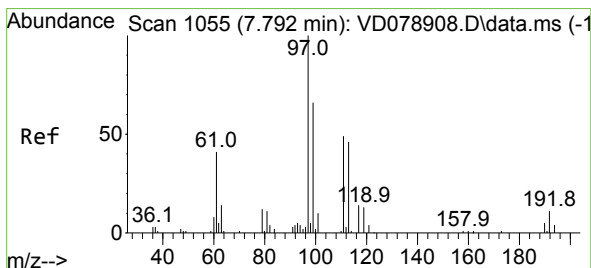
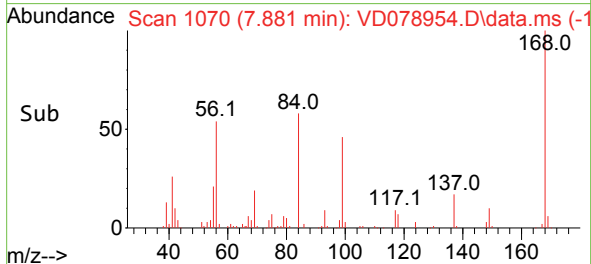
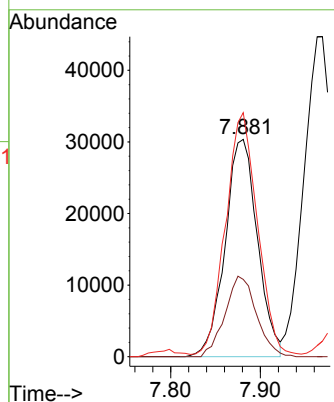
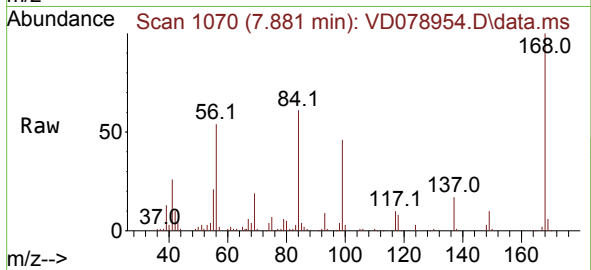




#31
Cyclohexane
Concen: 42.792 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

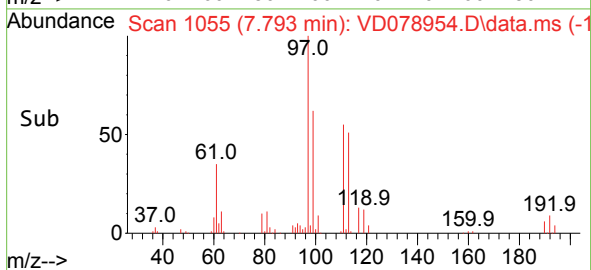
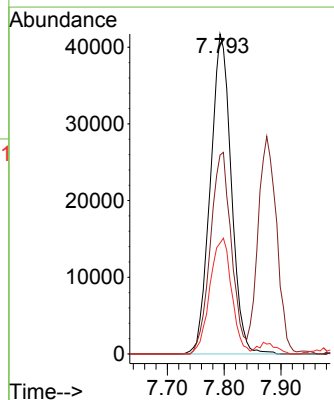
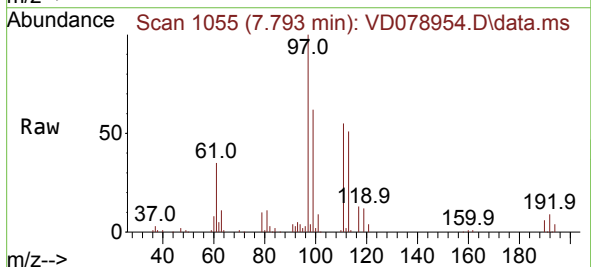
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

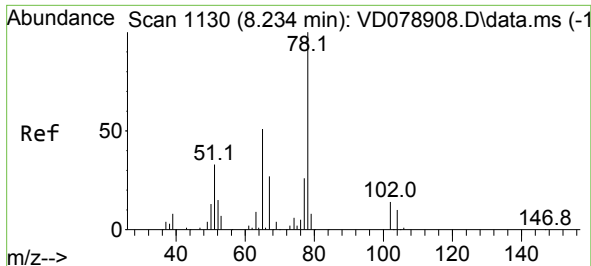
Tgt Ion: 56 Resp: 76020
Ion Ratio Lower Upper
56 100
69 35.6 28.0 42.0
84 110.6 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 47.747 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 97 Resp: 106332
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 37.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.873 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

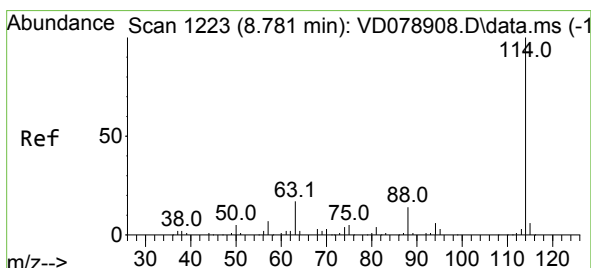
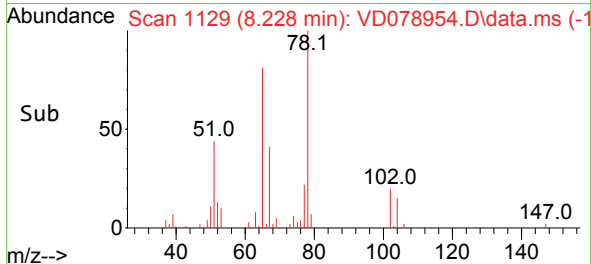
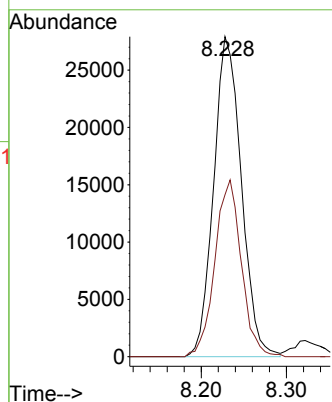
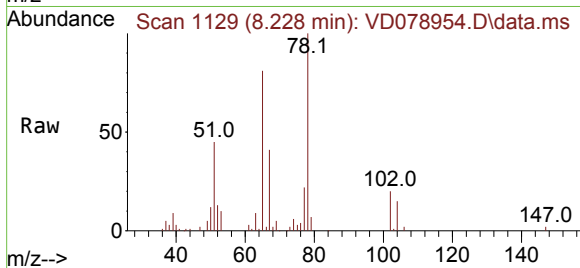
VSTDCCC050EC

Tgt Ion: 65 Resp: 63076

Ion Ratio Lower Upper

65 100

67 52.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

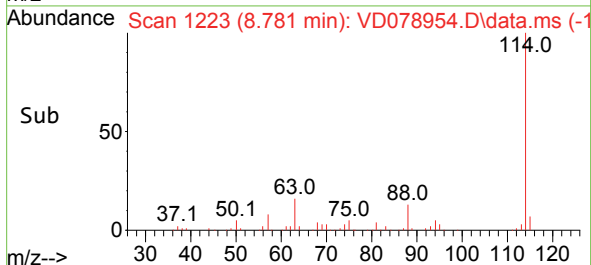
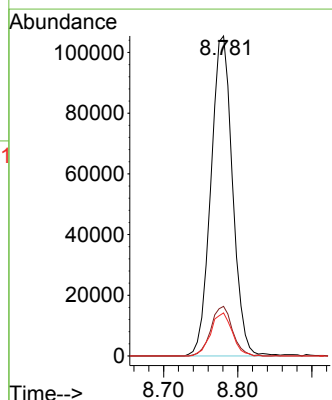
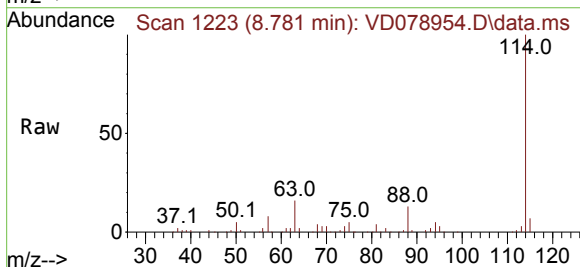
Tgt Ion: 114 Resp: 214002

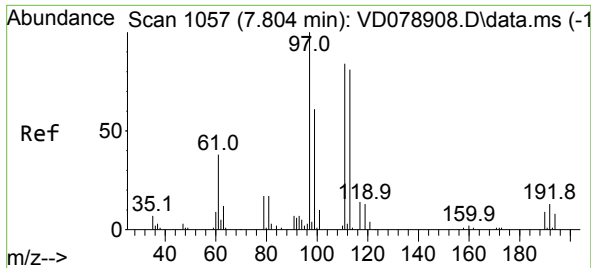
Ion Ratio Lower Upper

114 100

63 15.5 0.0 34.0

88 13.4 0.0 27.2

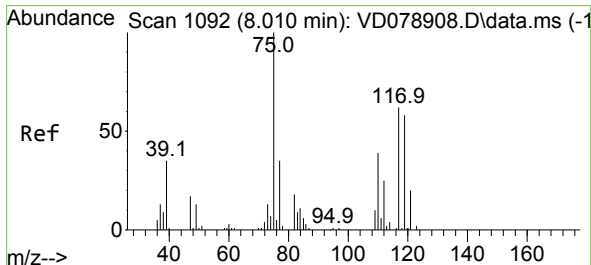
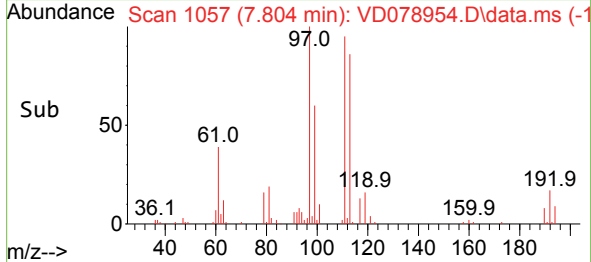
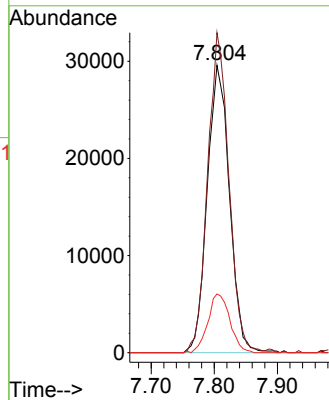
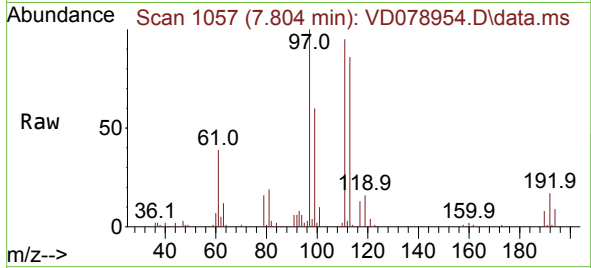




#35
Dibromofluoromethane
Concen: 50.954 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

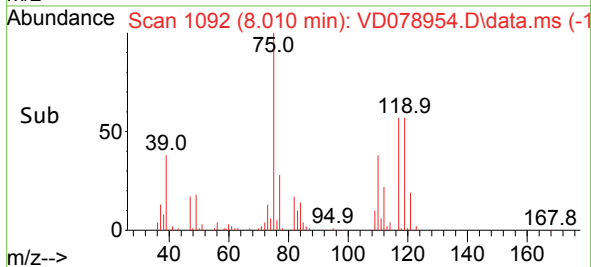
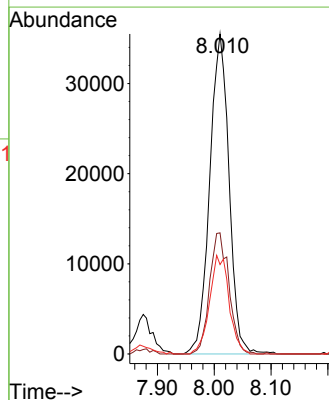
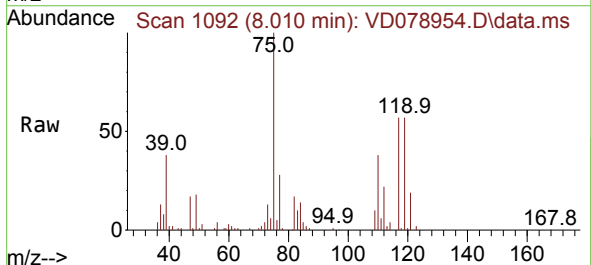
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

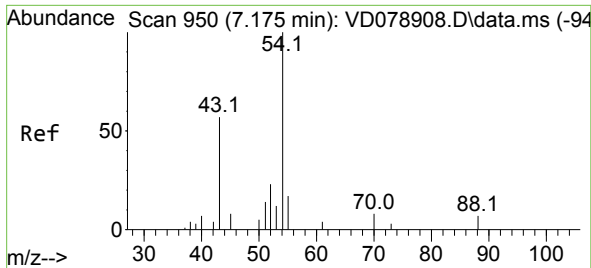
Tgt Ion:113 Resp: 72586
Ion Ratio Lower Upper
113 100
111 106.0 84.0 126.0
192 20.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 47.215 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 75 Resp: 83698
Ion Ratio Lower Upper
75 100
110 38.0 19.6 58.7
77 31.1 26.1 39.1

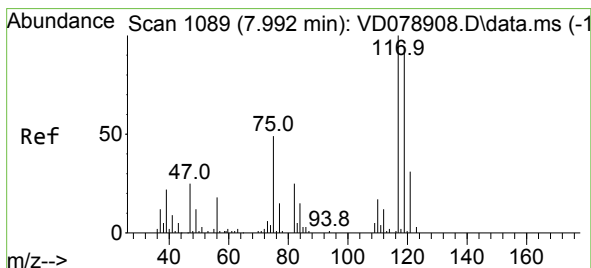
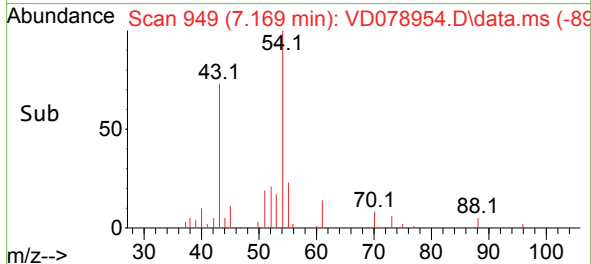
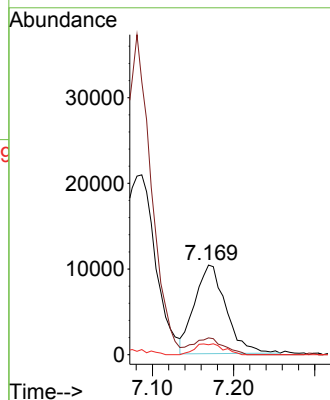
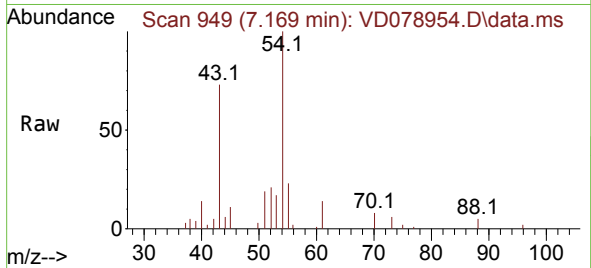




#37
Ethyl Acetate
Concen: 45.763 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

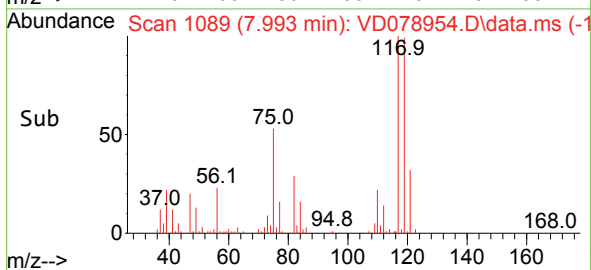
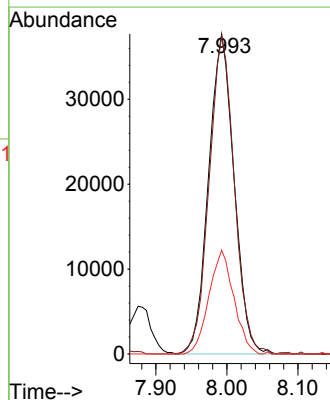
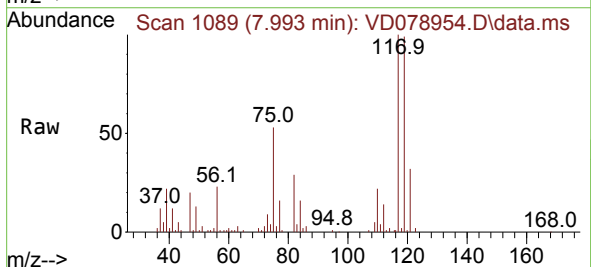
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

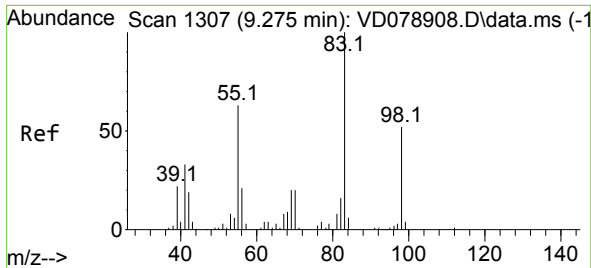
Tgt Ion:	43	Resp:	27647
Ion Ratio	Lower	Upper	
43	100		
61	17.8	13.9	20.9
70	11.3	9.8	14.6



#38
Carbon Tetrachloride
Concen: 45.174 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:	117	Resp:	93716
Ion Ratio	Lower	Upper	
117	100		
119	98.7	75.4	113.0
121	32.4	25.0	37.4





#39

Methylcyclohexane

Concen: 47.490 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

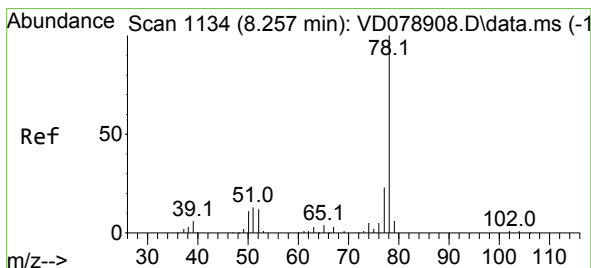
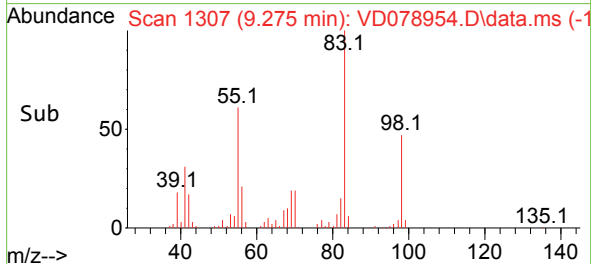
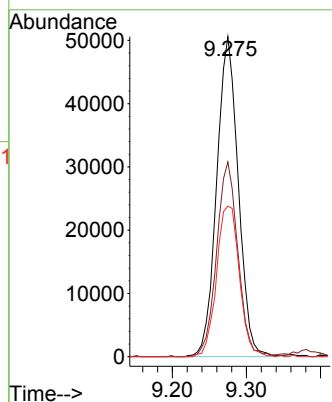
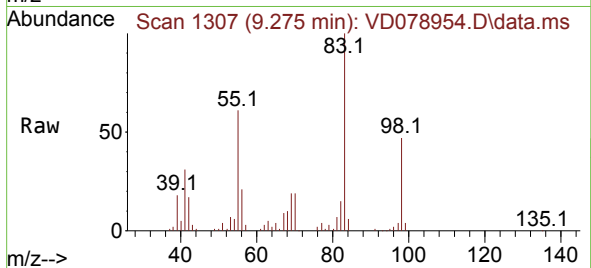
Tgt Ion: 83 Resp: 102289

Ion Ratio Lower Upper

83 100

55 60.9 50.1 75.1

98 47.1 41.9 62.9



#40

Benzene

Concen: 47.317 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078954.D

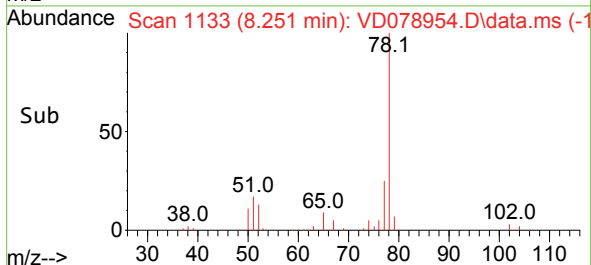
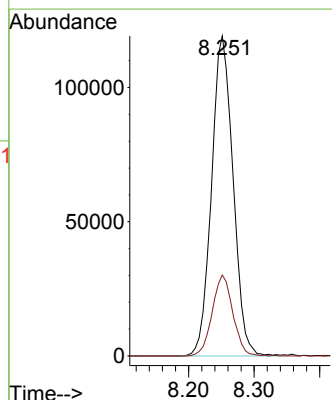
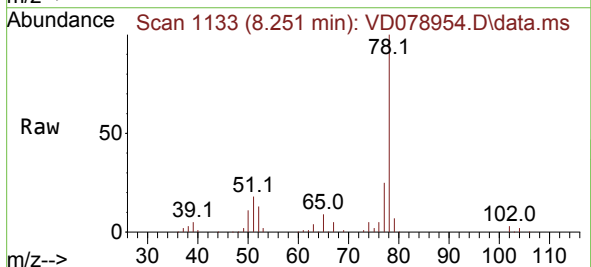
Acq: 16 May 2024 19:06

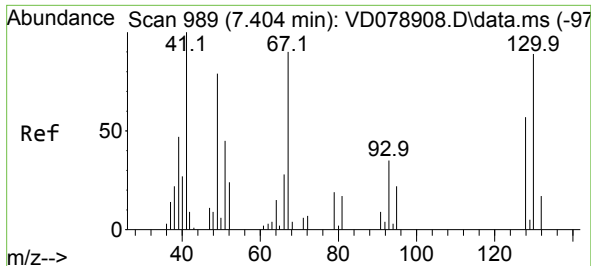
Tgt Ion: 78 Resp: 271298

Ion Ratio Lower Upper

78 100

77 25.3 18.1 27.1

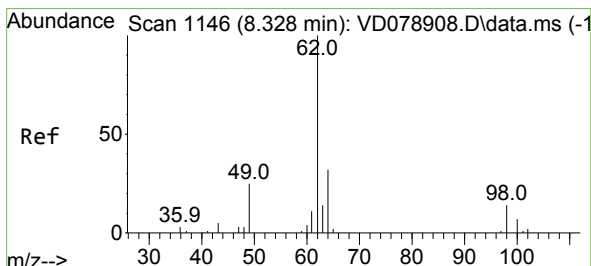
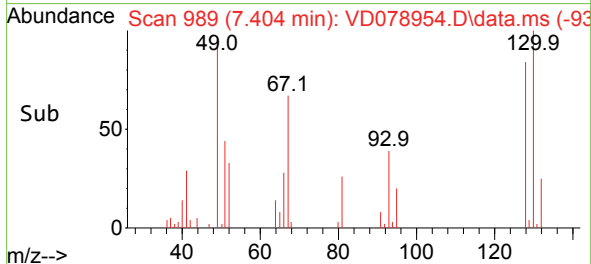
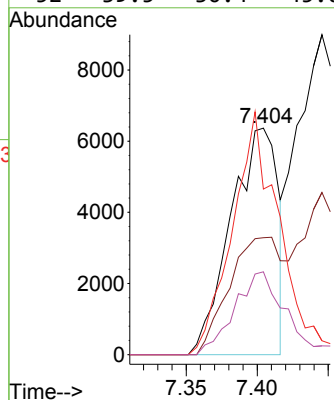
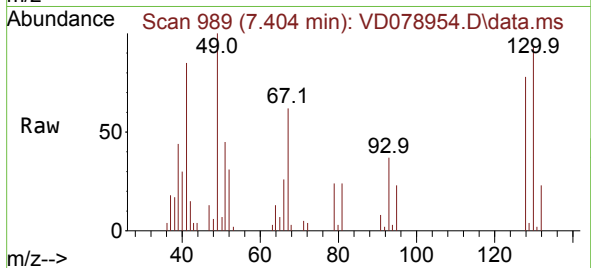




#41
Methacrylonitrile
Concen: 45.233 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

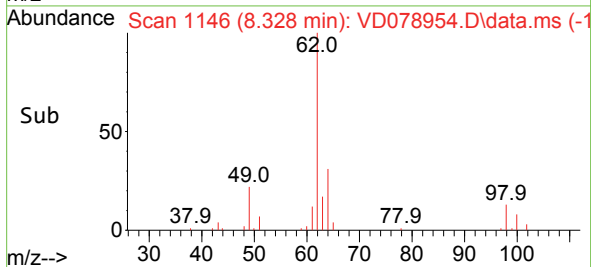
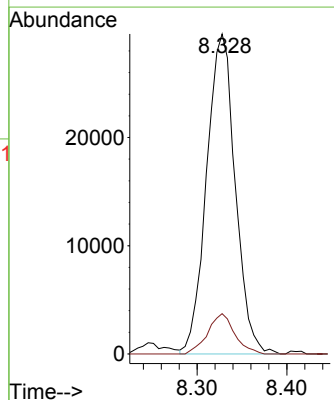
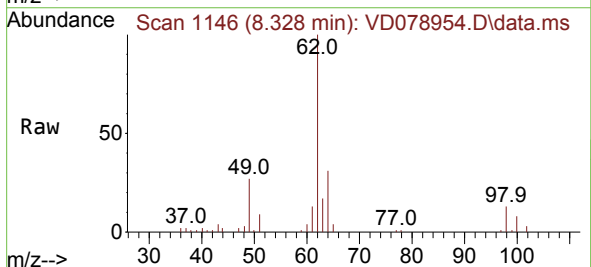
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

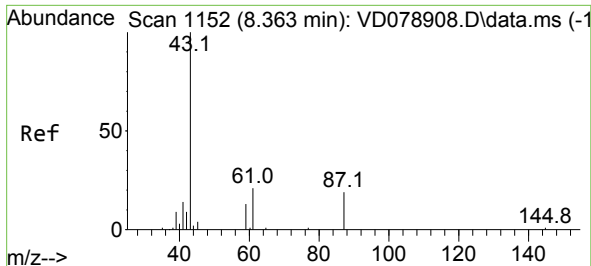
Tgt Ion:	41	Resp:	14704
Ion	Ratio	Lower	Upper
41	100		
39	61.4	41.4	62.0
67	105.7	85.8	128.6
52	39.5	30.4	45.6



#42
1,2-Dichloroethane
Concen: 47.235 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:	62	Resp:	65554
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	25.8

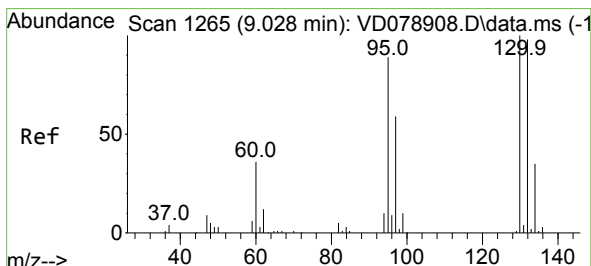
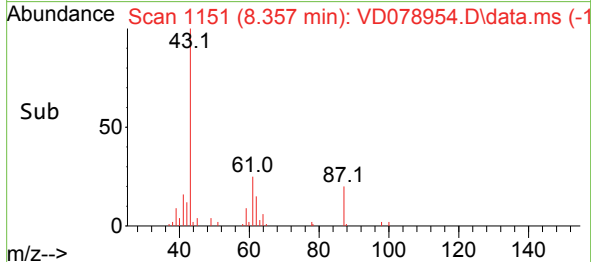
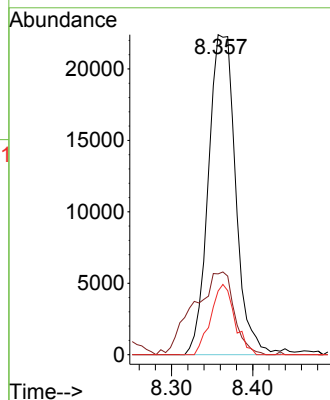
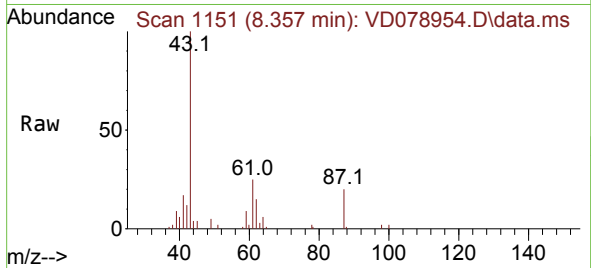




#43
Isopropyl Acetate
Concen: 48.780 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

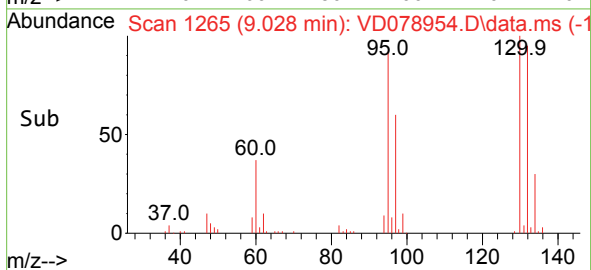
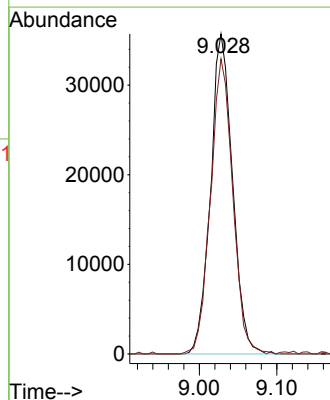
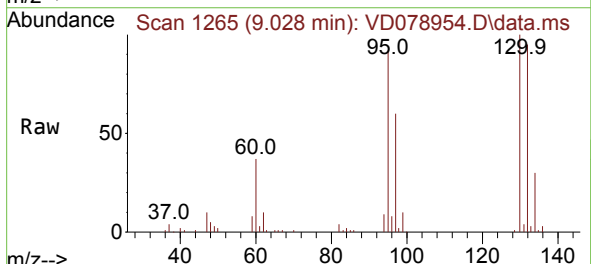
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

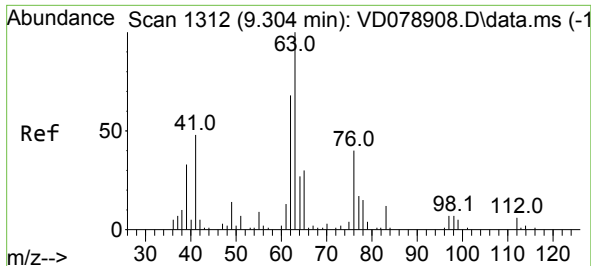
Tgt Ion: 43 Resp: 52290
Ion Ratio Lower Upper
43 100
61 38.2 29.3 43.9
87 19.2 14.9 22.3



#44
Trichloroethene
Concen: 46.234 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:130 Resp: 70313
Ion Ratio Lower Upper
130 100
95 92.2 0.0 177.8

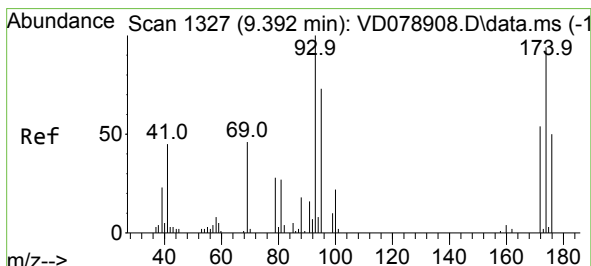
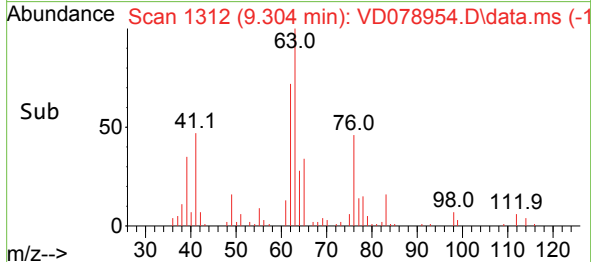
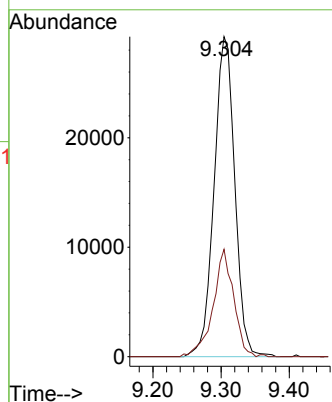
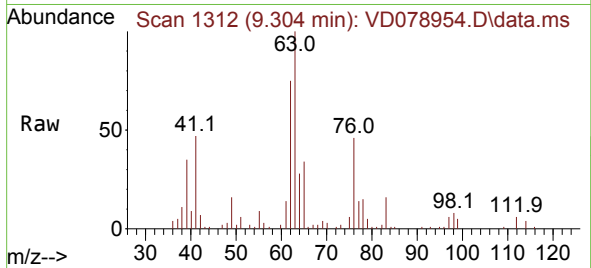




#45
1,2-Dichloropropane
Concen: 49.119 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

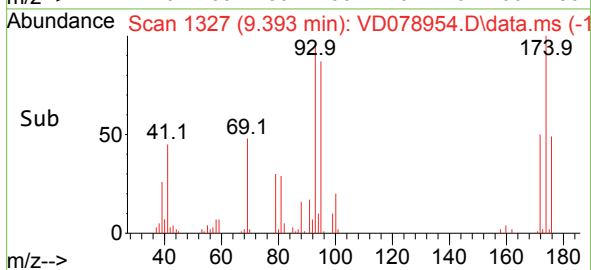
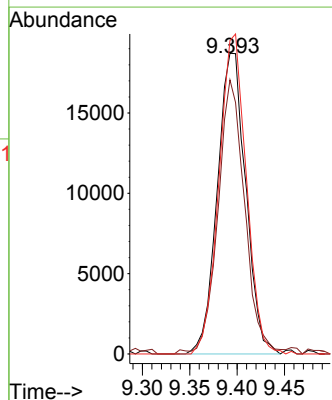
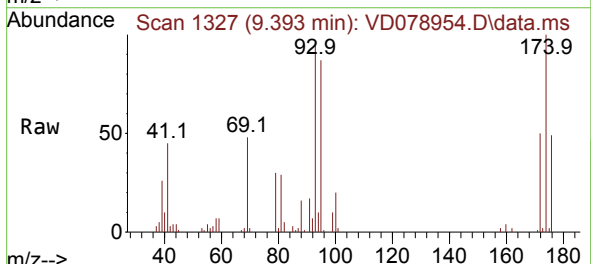
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

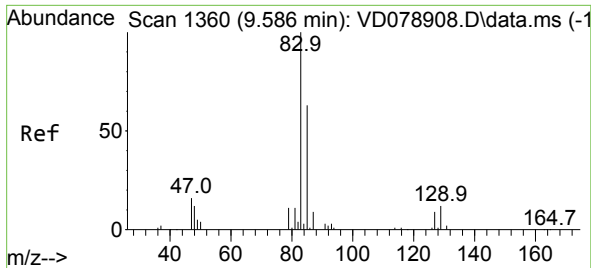
Tgt Ion: 63 Resp: 61888
Ion Ratio Lower Upper
63 100
65 33.6 23.8 35.8



#46
Dibromomethane
Concen: 47.176 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 93 Resp: 39130
Ion Ratio Lower Upper
93 100
95 86.0 65.6 98.4
174 102.2 82.3 123.5

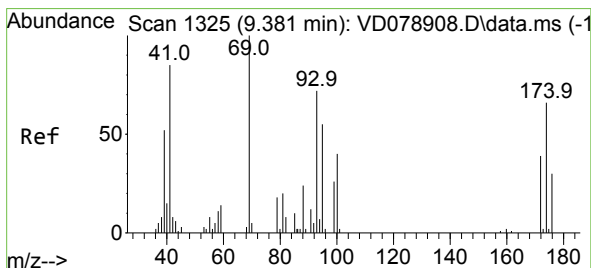
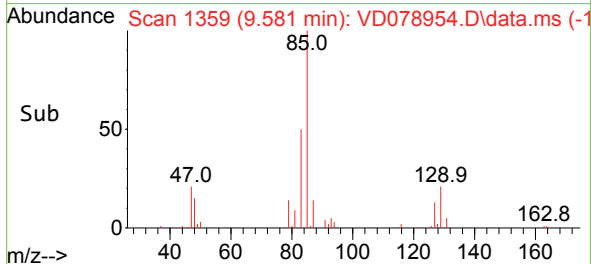
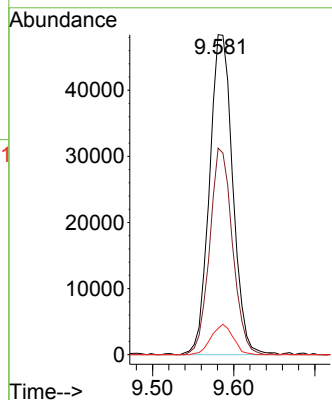
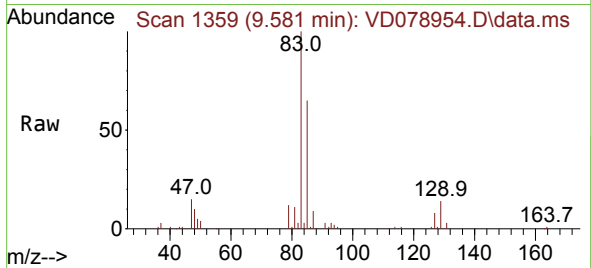




#47
Bromodichloromethane
Concen: 48.288 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

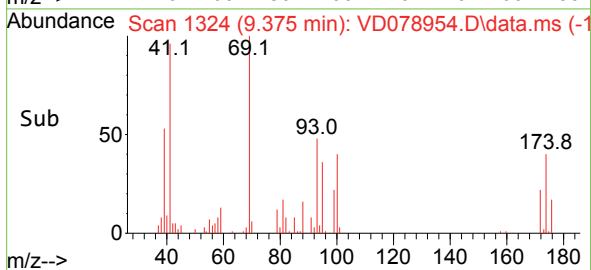
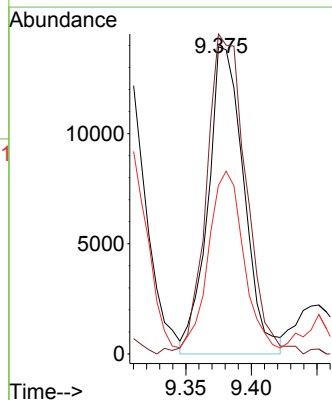
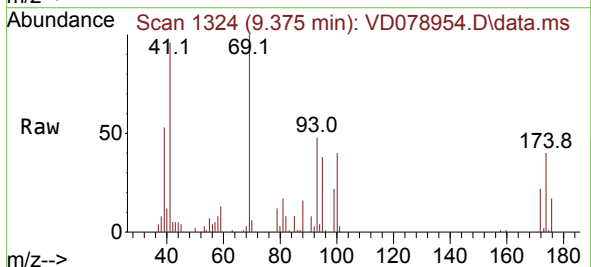
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

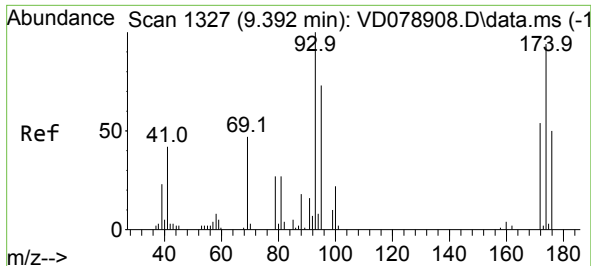
Tgt Ion: 83	Resp: 96413
Ion Ratio	Lower Upper
83 100	
85 64.6	50.1 75.1
127 8.2	6.8 10.2



#48
Methyl methacrylate
Concen: 50.890 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 41	Resp: 26556
Ion Ratio	Lower Upper
41 100	
69 114.1	96.7 145.1
39 56.1	43.8 65.6





#49

1,4-Dioxane

Concen: 943.381 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD078954.D

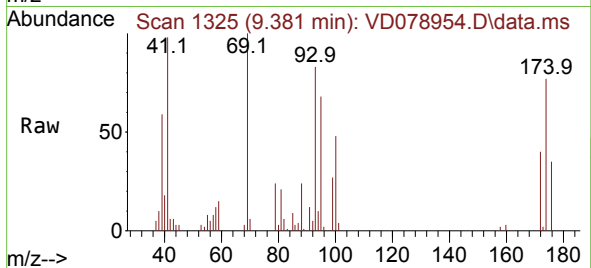
Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



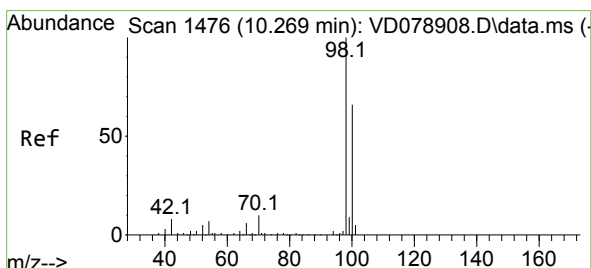
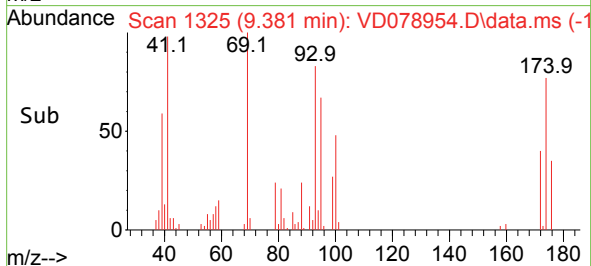
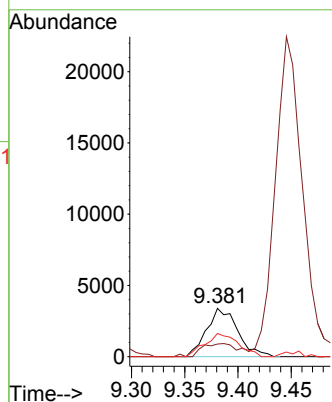
Tgt Ion: 88 Resp: 6883

Ion Ratio Lower Upper

88 100

43 32.5 21.5 32.3#

58 51.0 42.2 63.4



#50

Toluene-d8

Concen: 53.675 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078954.D

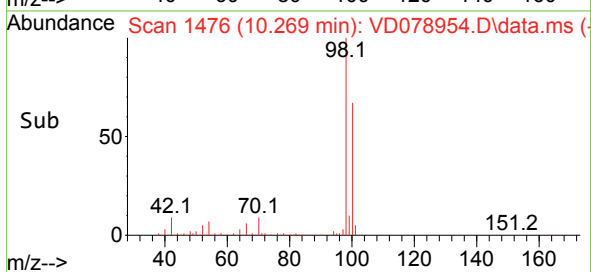
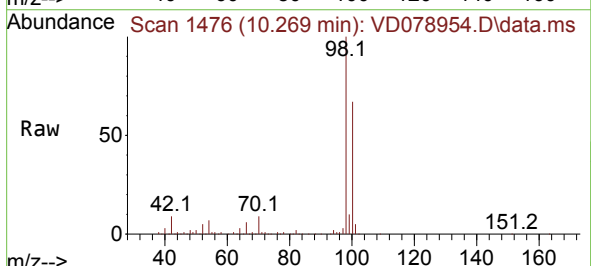
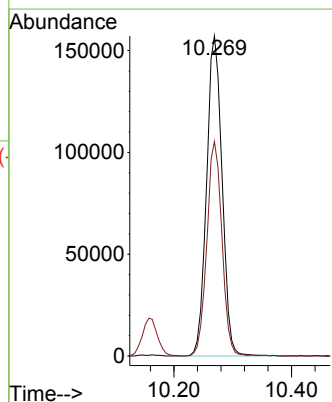
Acq: 16 May 2024 19:06

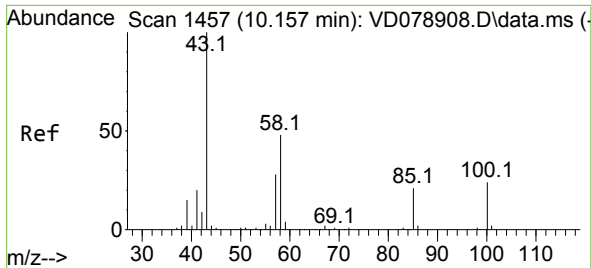
Tgt Ion: 98 Resp: 286644

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

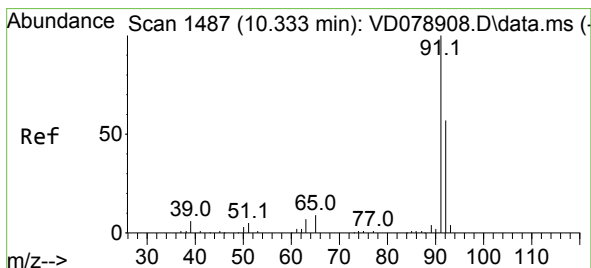
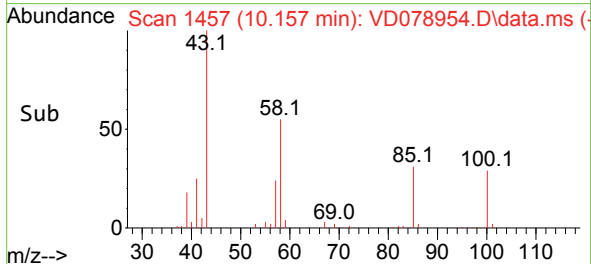
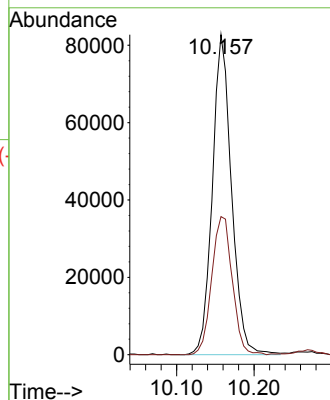
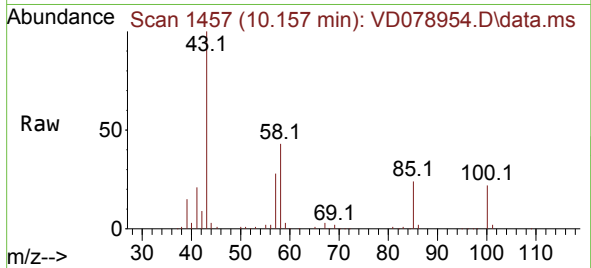




#51
4-Methyl-2-Pentanone
Concen: 248.939 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

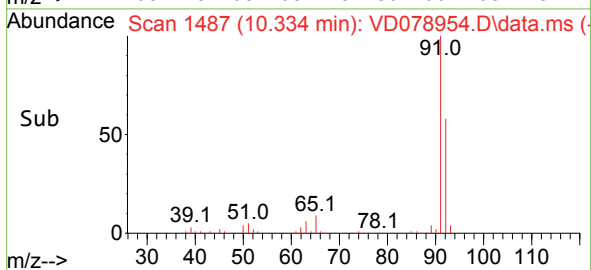
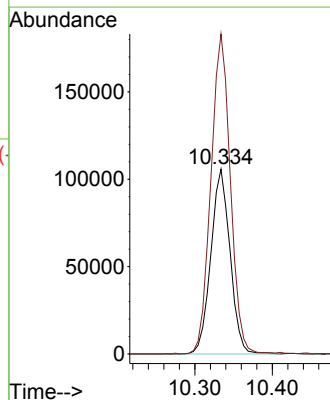
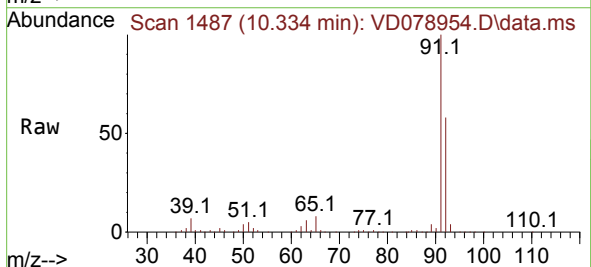
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

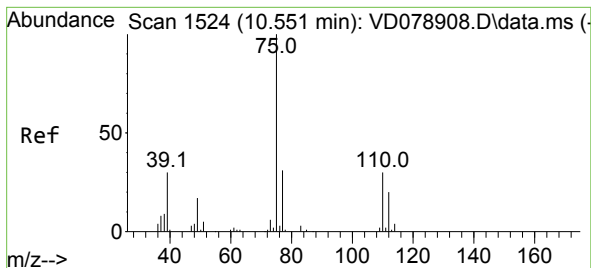
Tgt Ion: 43 Resp: 142134
Ion Ratio Lower Upper
43 100
58 46.2 36.6 55.0



#52
Toluene
Concen: 49.582 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 92 Resp: 181972
Ion Ratio Lower Upper
92 100
91 175.6 141.7 212.5

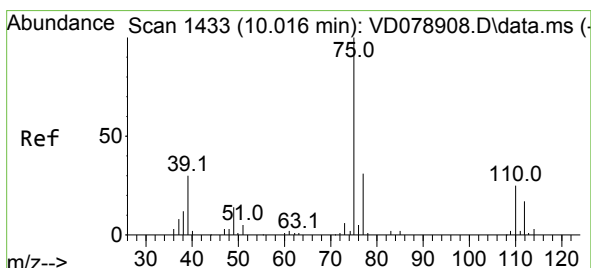
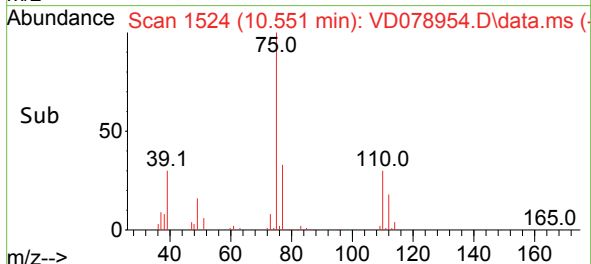
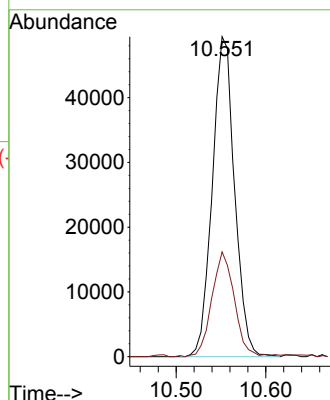
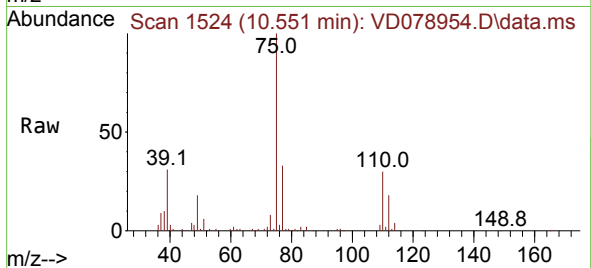




#53
t-1,3-Dichloropropene
Concen: 50.143 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

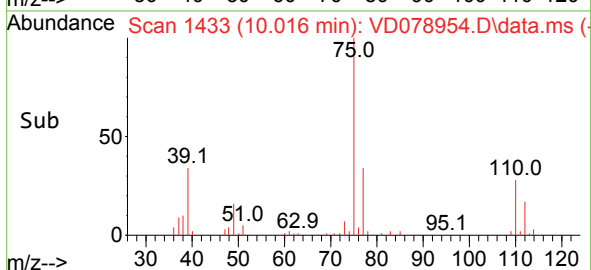
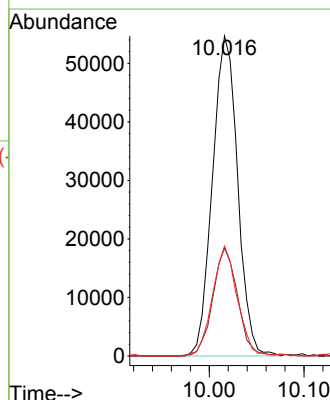
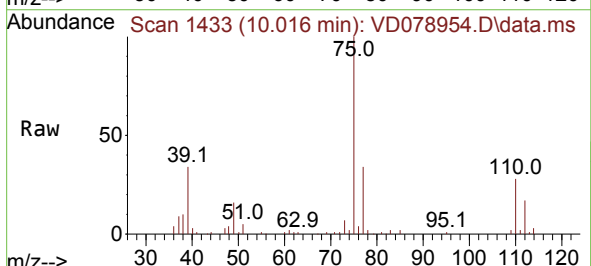
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

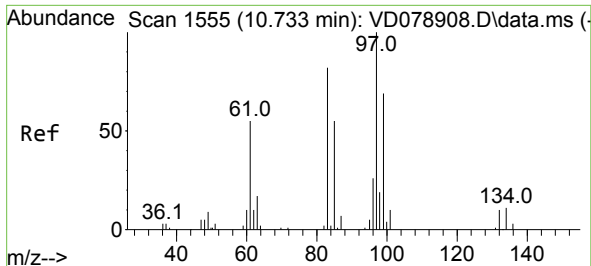
Tgt Ion: 75 Resp: 85074
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.547 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 75 Resp: 100897
Ion Ratio Lower Upper
75 100
77 33.7 24.4 36.6
39 34.4 24.2 36.2

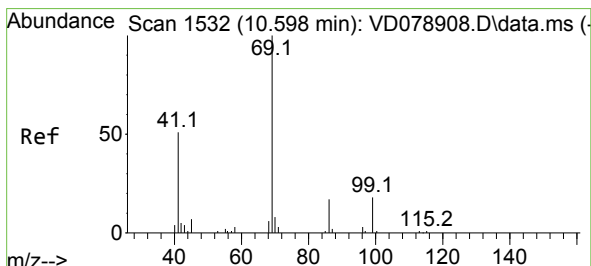
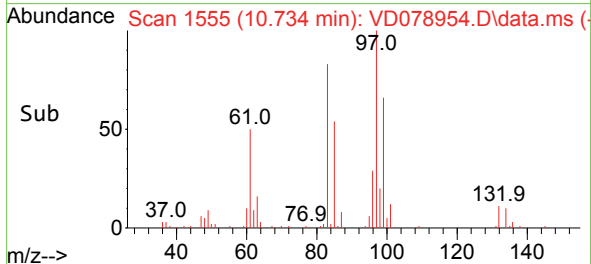
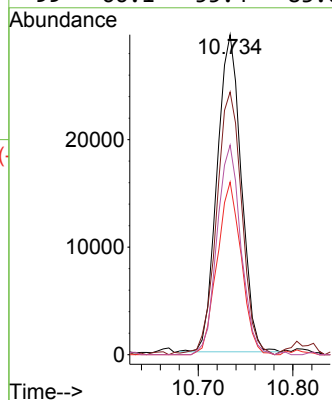
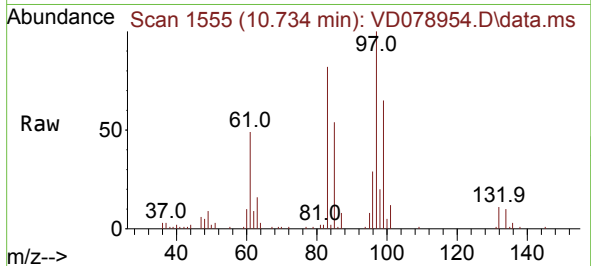




#55
1,1,2-Trichloroethane
Concen: 48.818 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

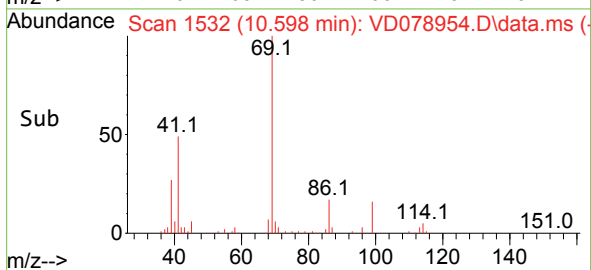
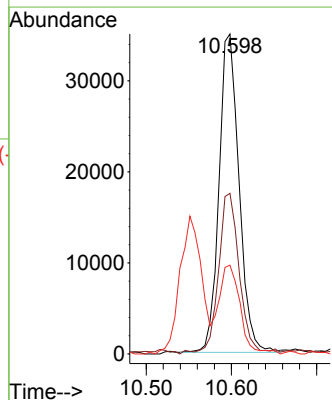
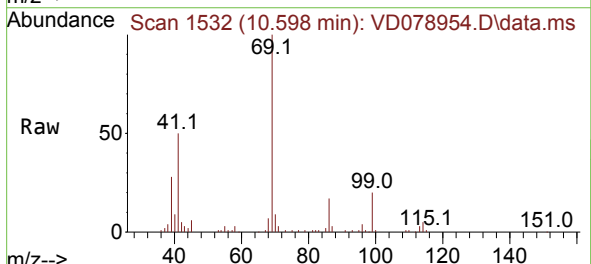
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

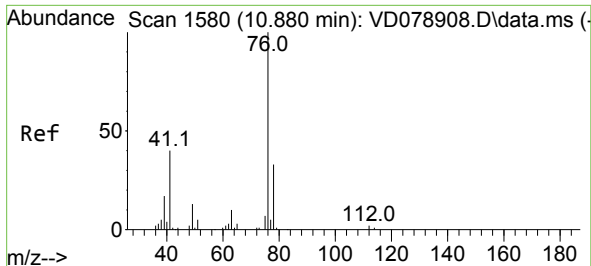
Tgt Ion: 97	Resp: 52313
Ion Ratio	Lower Upper
97 100	
83 82.3	65.8 98.8
85 54.5	43.8 65.8
99 66.1	55.4 83.0



#56
Ethyl methacrylate
Concen: 51.901 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 69	Resp: 57221
Ion Ratio	Lower Upper
69 100	
41 52.4	39.8 59.6
39 29.9	20.2 30.4





#57

1,3-Dichloropropane

Concen: 50.303 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

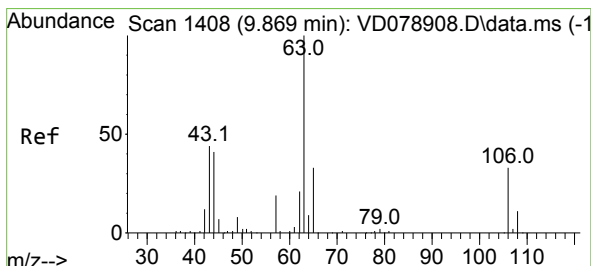
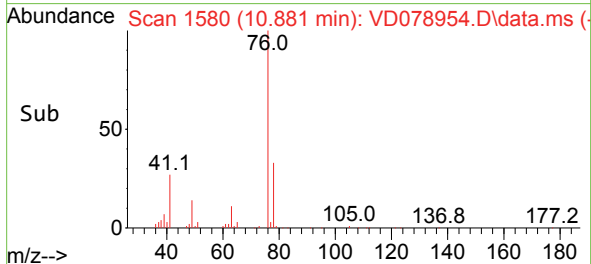
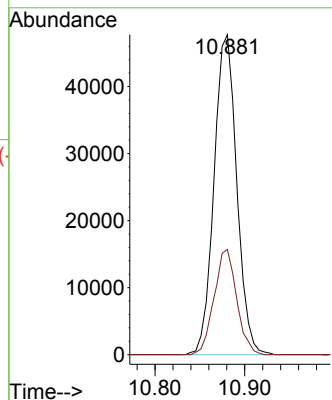
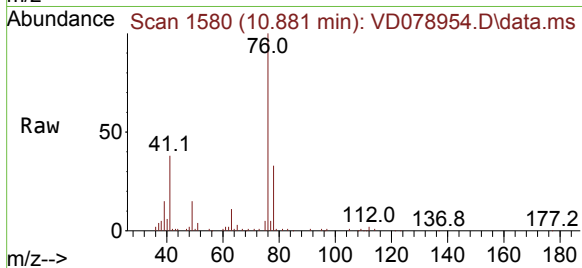
VSTDCCC050EC

Tgt Ion: 76 Resp: 83937

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 266.596 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078954.D

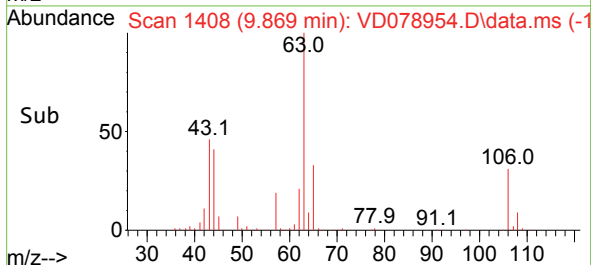
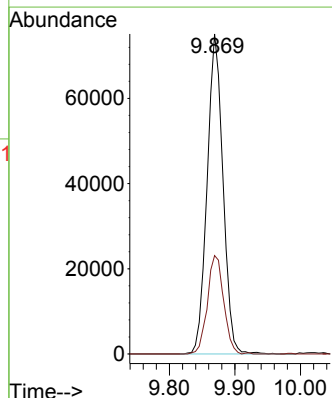
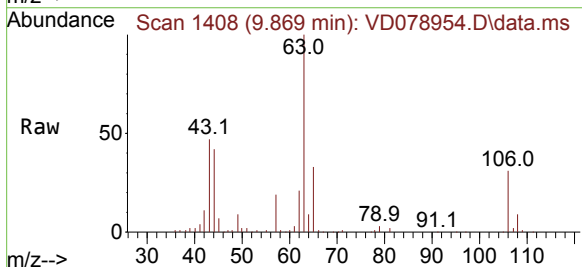
Acq: 16 May 2024 19:06

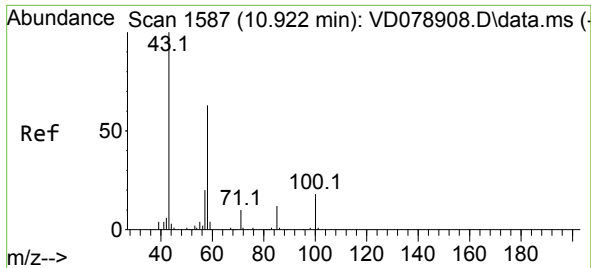
Tgt Ion: 63 Resp: 126291

Ion Ratio Lower Upper

63 100

106 31.5 26.4 39.6

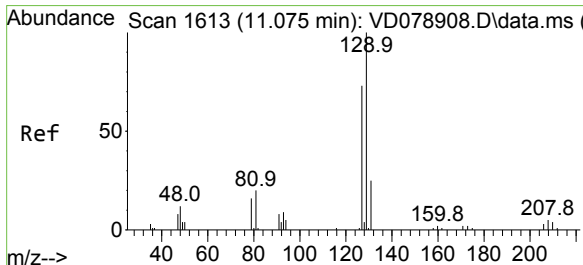
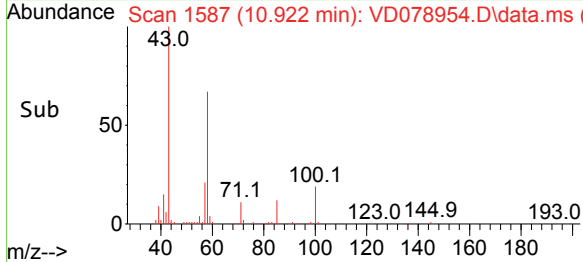
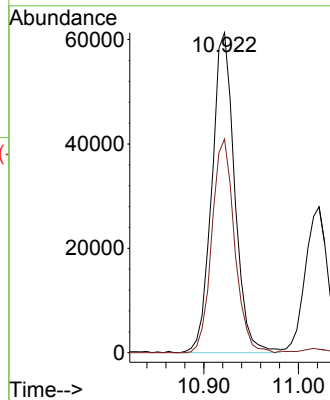
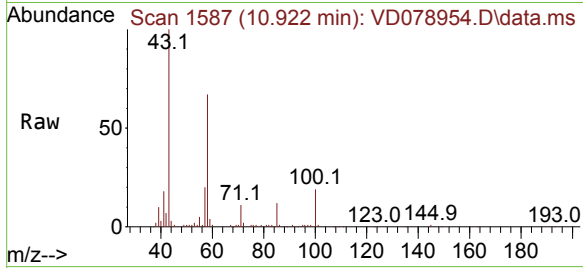




#59
2-Hexanone
Concen: 257.699 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

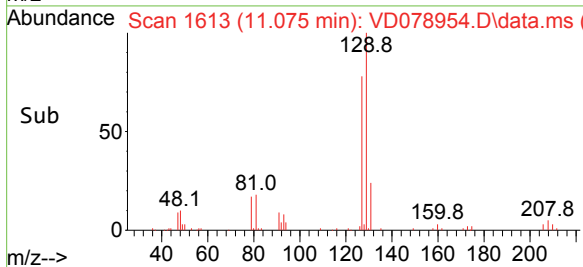
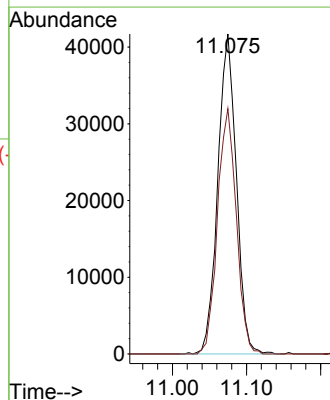
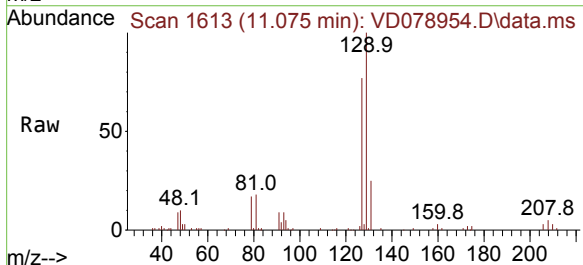
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

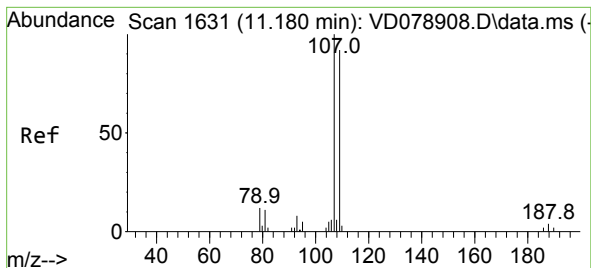
Tgt Ion: 43 Resp: 102413
Ion Ratio Lower Upper
43 100
58 66.4 31.1 93.5



#60
Dibromochloromethane
Concen: 49.598 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 129 Resp: 72454
Ion Ratio Lower Upper
129 100
127 77.9 38.0 113.9

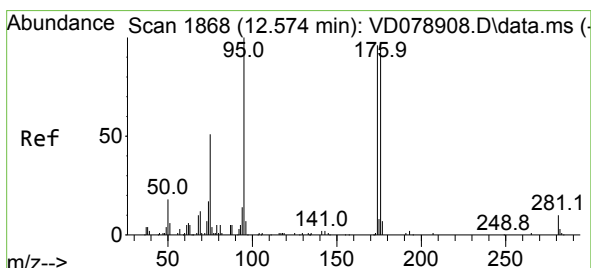
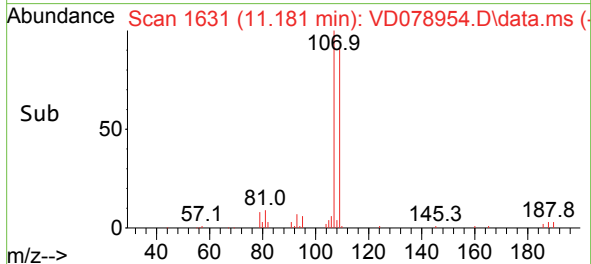
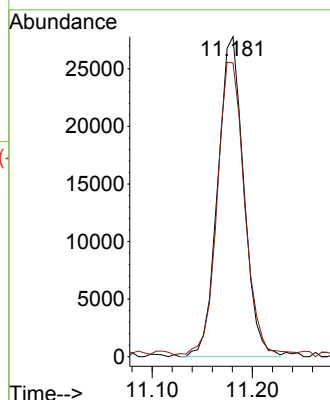
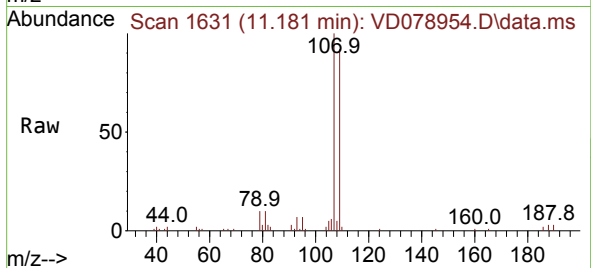




#61
1,2-Dibromoethane
Concen: 51.061 ug/l
RT: 11.181 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

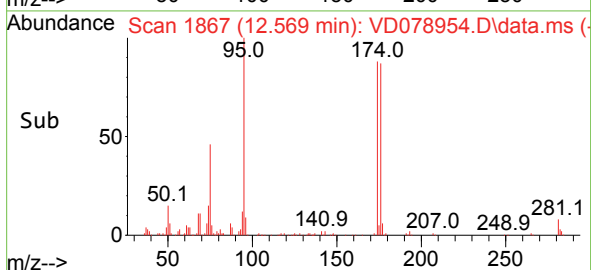
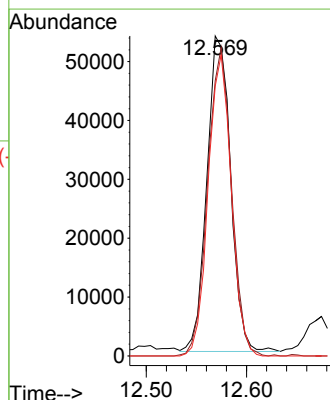
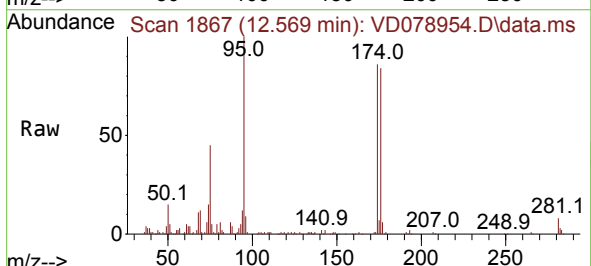
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

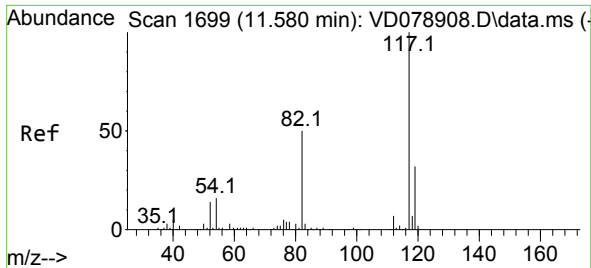
Tgt Ion:107 Resp: 49890
Ion Ratio Lower Upper
107 100
109 95.8 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 58.829 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 95 Resp: 88258
Ion Ratio Lower Upper
95 100
174 98.5 0.0 195.4
176 92.7 0.0 192.6

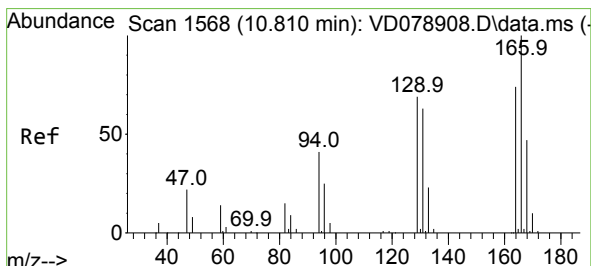
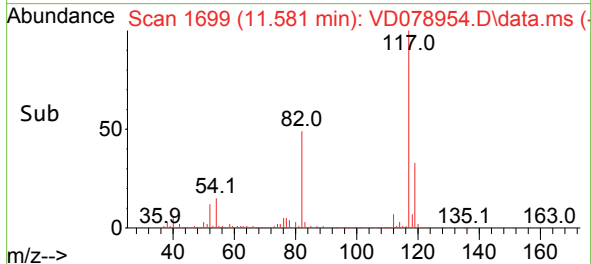
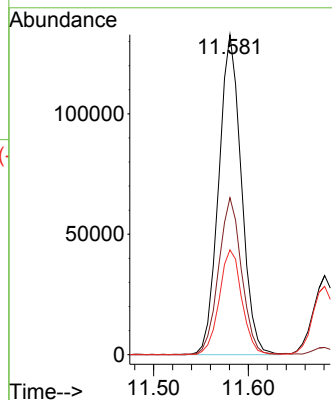
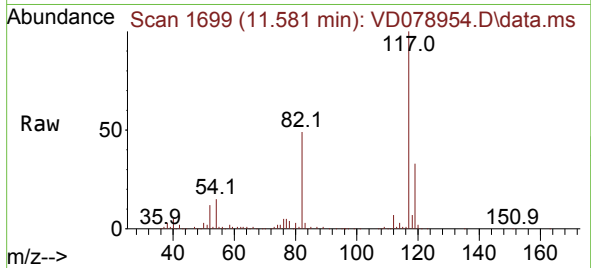




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

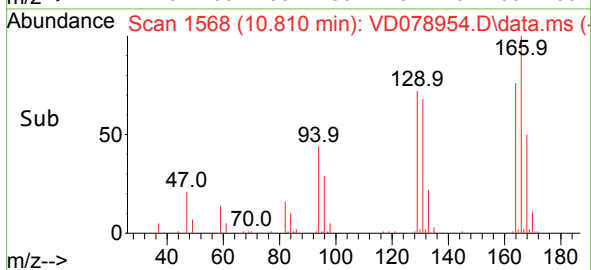
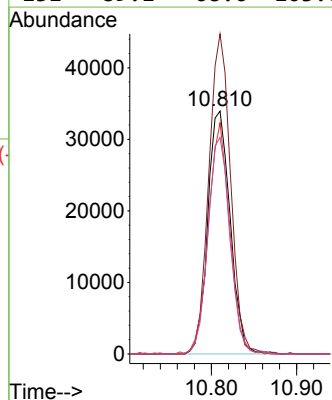
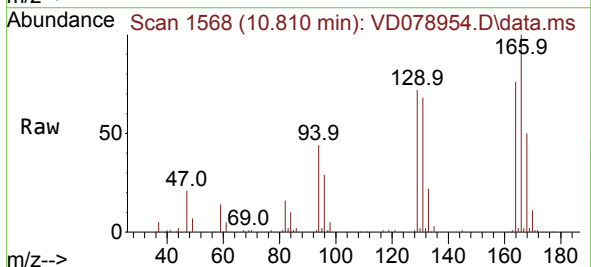
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

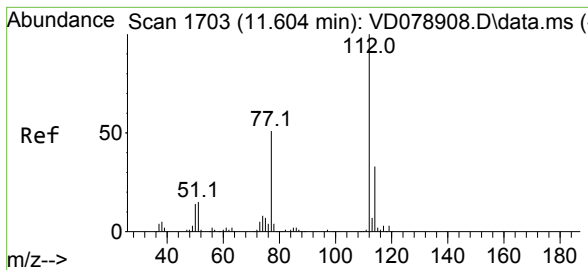
Tgt Ion:117 Resp: 220733
Ion Ratio Lower Upper
117 100
82 48.9 39.8 59.6
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 44.357 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:164 Resp: 62118
Ion Ratio Lower Upper
164 100
166 131.7 108.6 163.0
129 95.1 74.6 112.0
131 89.1 68.6 103.0

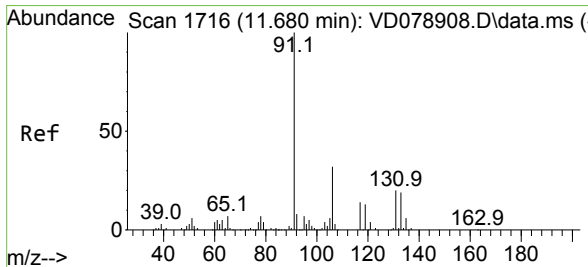
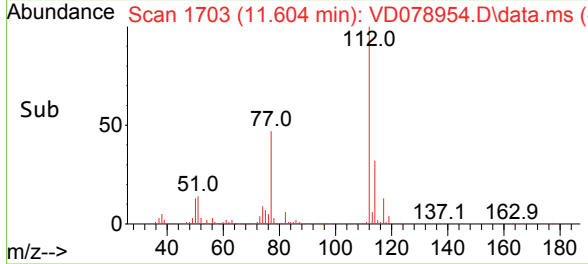
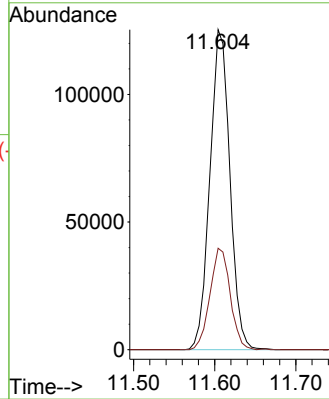
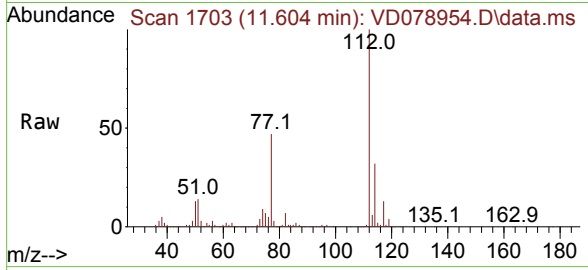




#65
Chlorobenzene
Concen: 46.649 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

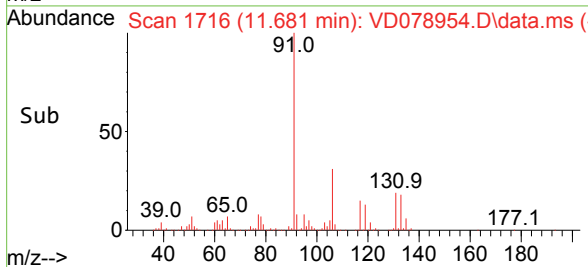
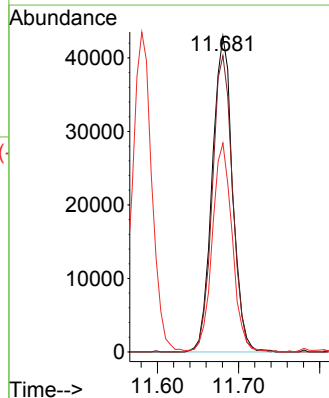
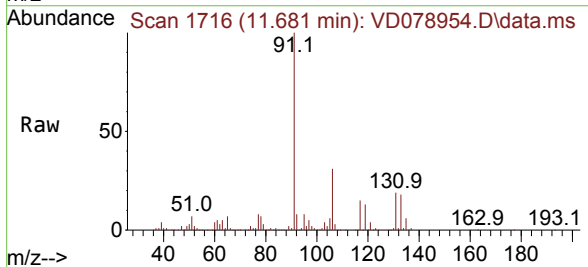
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

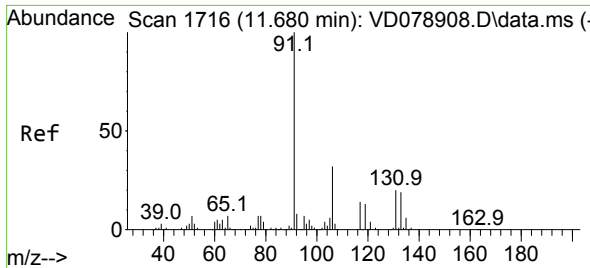
Tgt Ion:112 Resp: 214182
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.039 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:131 Resp: 74664
Ion Ratio Lower Upper
131 100
133 93.7 49.2 147.6
119 64.9 33.4 100.2

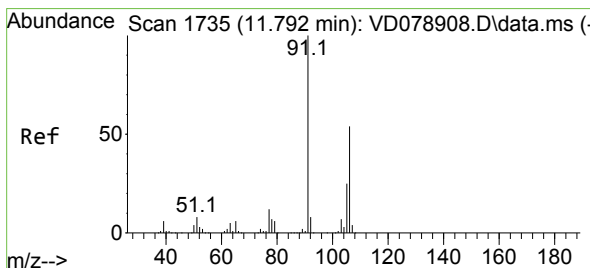
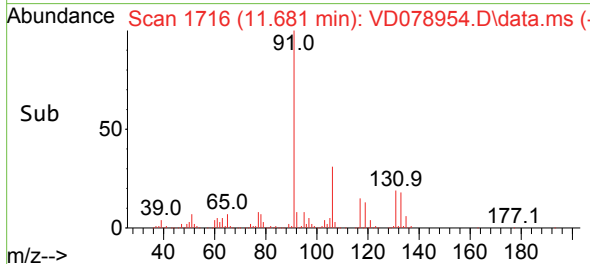
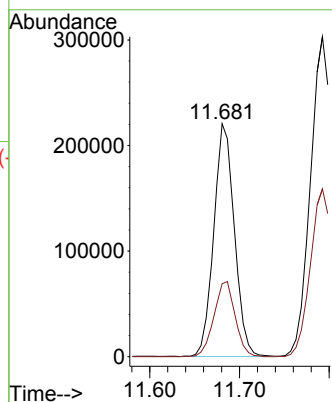
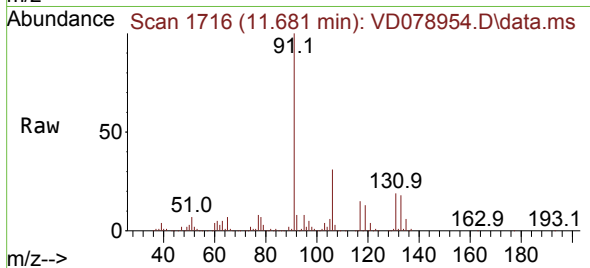




#67
Ethyl Benzene
Concen: 47.640 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

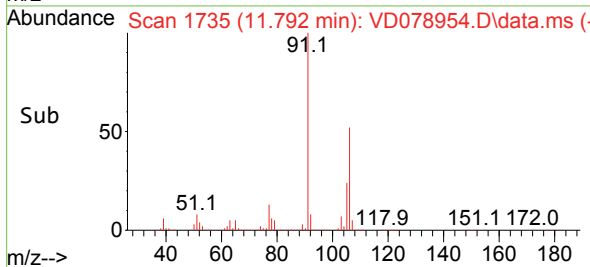
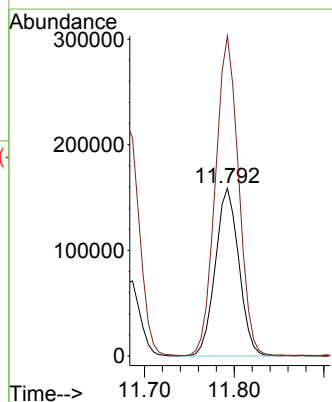
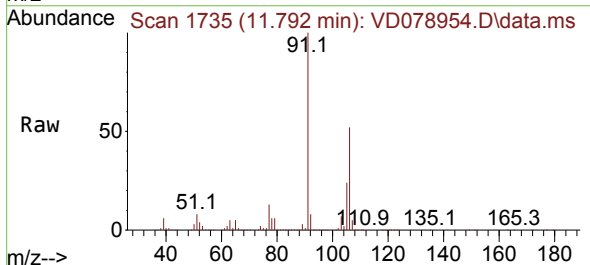
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

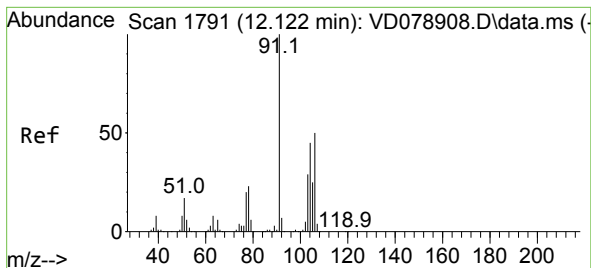
Tgt Ion: 91 Resp: 351822
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 96.345 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:106 Resp: 289273
Ion Ratio Lower Upper
106 100
91 187.9 148.5 222.7





#69

o-Xylene

Concen: 49.928 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

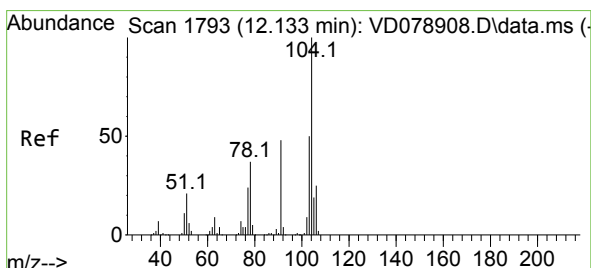
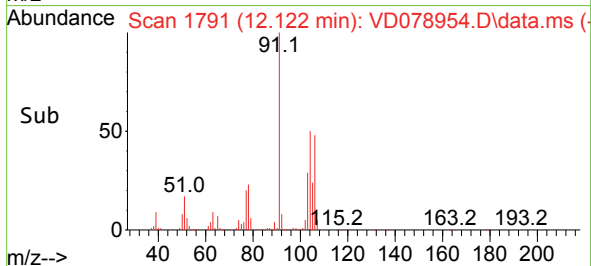
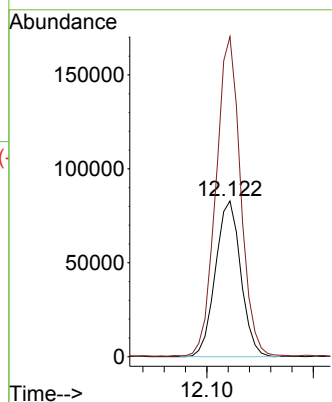
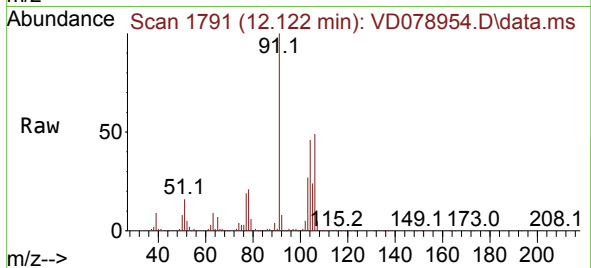
VSTDCCC050EC

Tgt Ion:106 Resp: 136666

Ion Ratio Lower Upper

106 100

91 199.7 96.7 290.1



#70

Styrene

Concen: 49.808 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

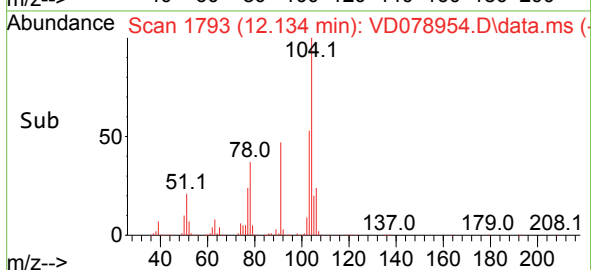
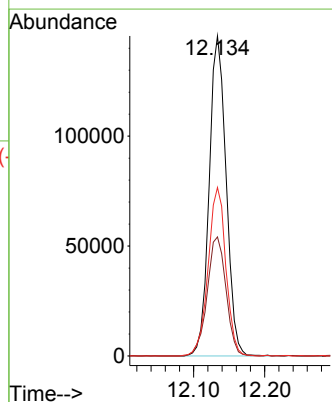
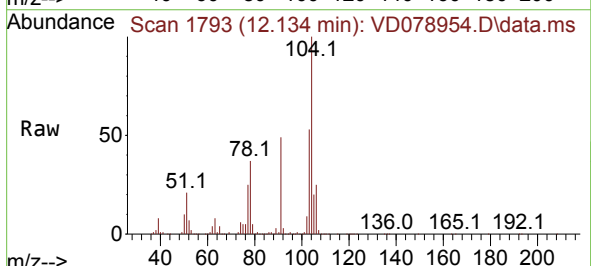
Tgt Ion:104 Resp: 241629

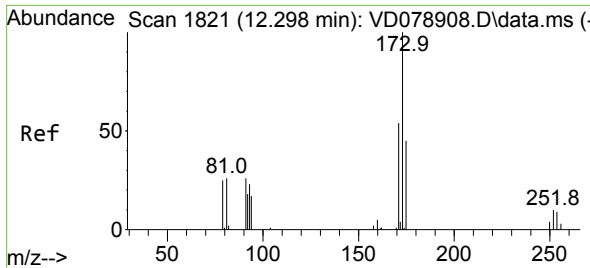
Ion Ratio Lower Upper

104 100

78 41.4 33.0 49.6

103 55.1 44.2 66.4

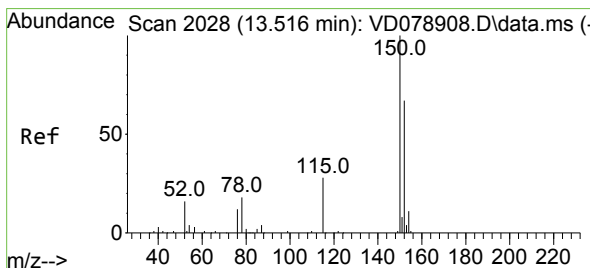
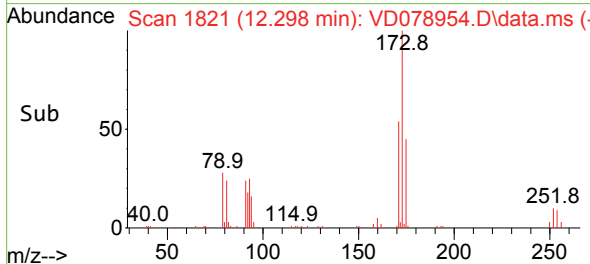
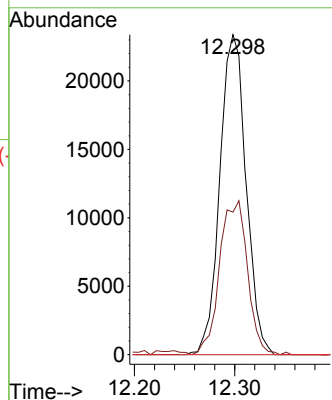
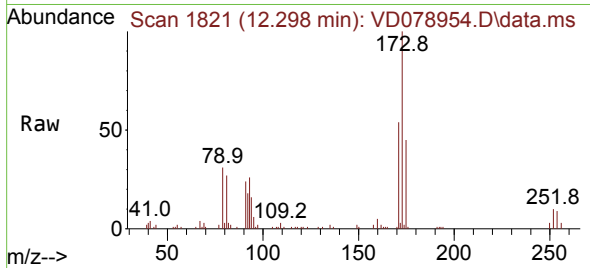




#71
Bromoform
Concen: 46.644 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

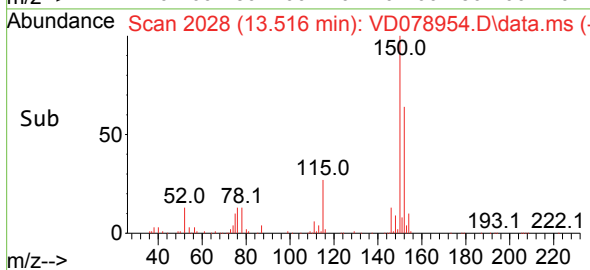
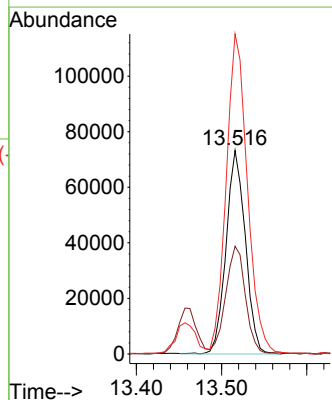
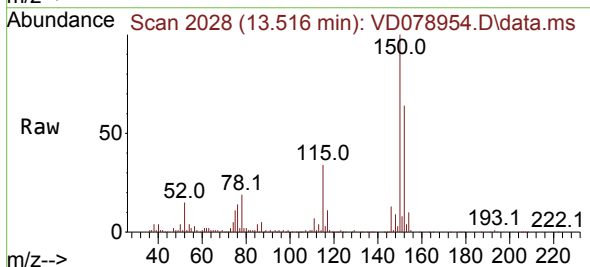
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

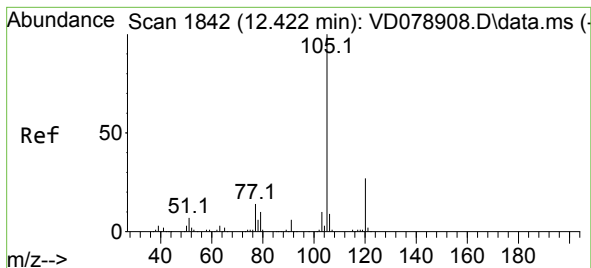
Tgt Ion:173 Resp: 42411
Ion Ratio Lower Upper
173 100
175 51.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion:152 Resp: 115258
Ion Ratio Lower Upper
152 100
115 52.8 26.5 79.5
150 172.9 0.0 341.6





#73

Isopropylbenzene

Concen: 49.988 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

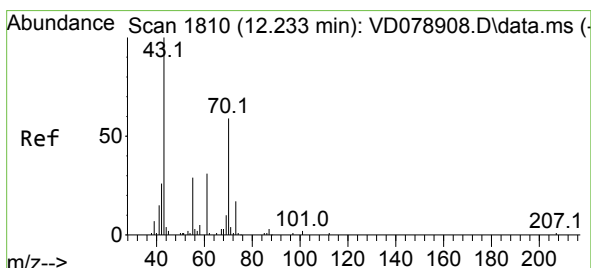
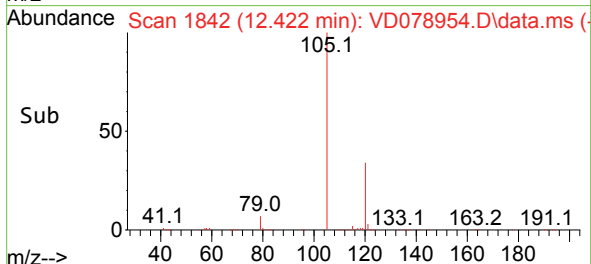
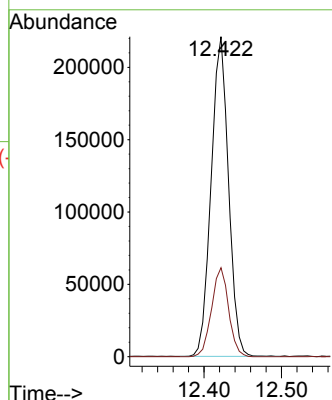
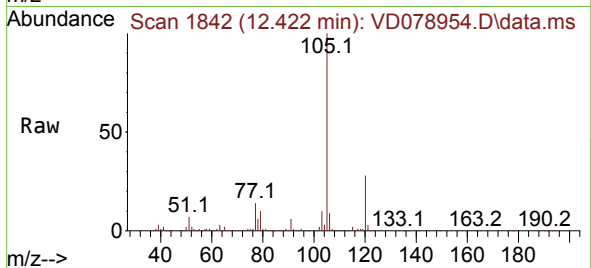
VSTDCCC050EC

Tgt Ion:105 Resp: 343883

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 47.397 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Tgt Ion: 43 Resp: 52905

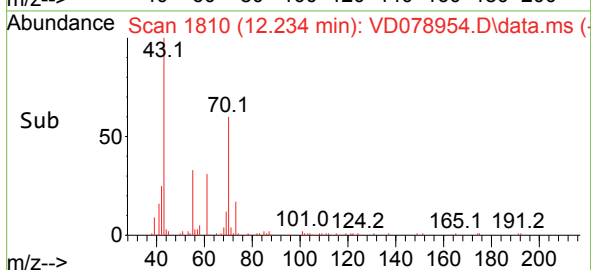
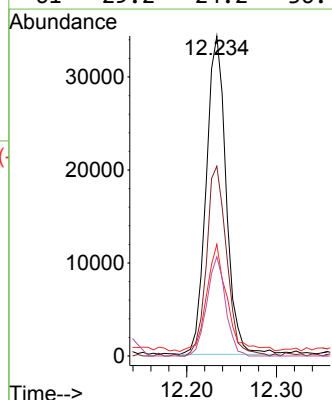
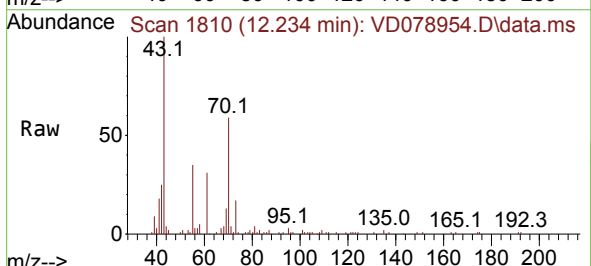
Ion Ratio Lower Upper

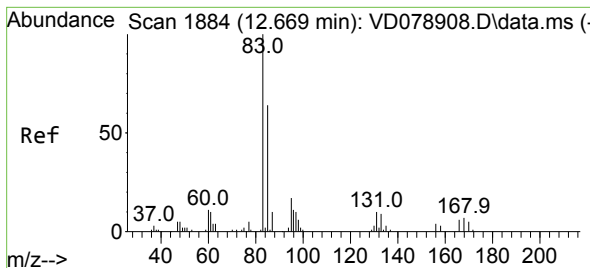
43 100

70 60.2 44.3 66.5

55 34.5 23.2 34.8

61 29.2 24.2 36.4

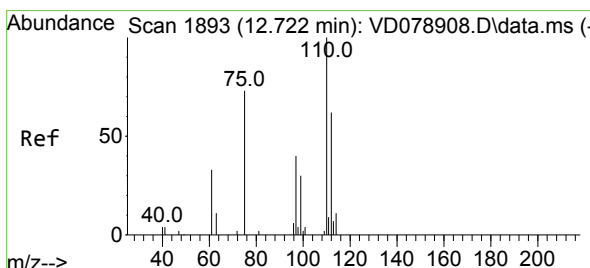
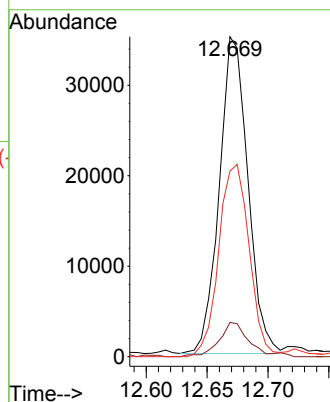
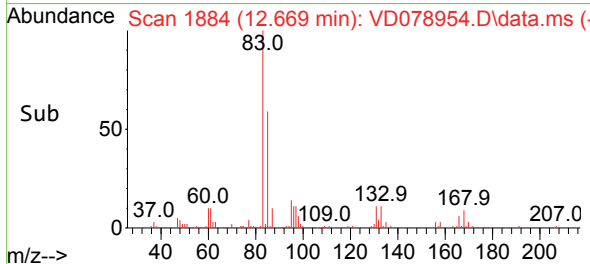
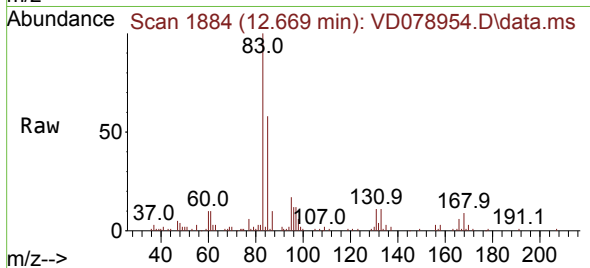




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.113 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

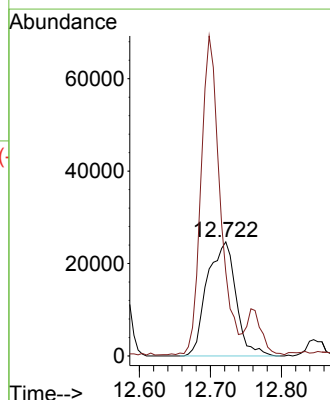
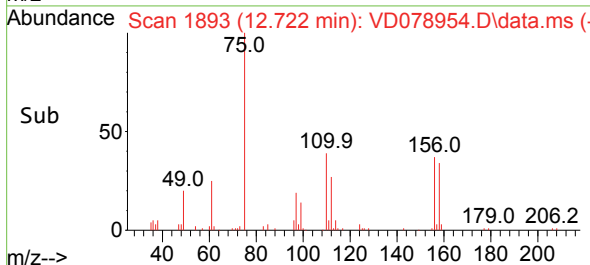
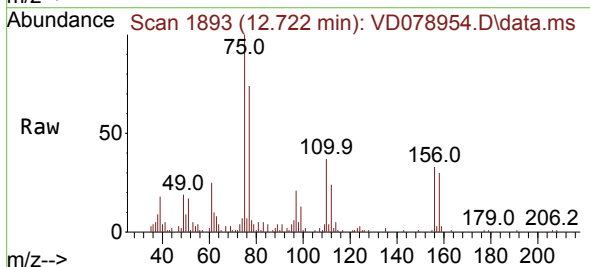
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

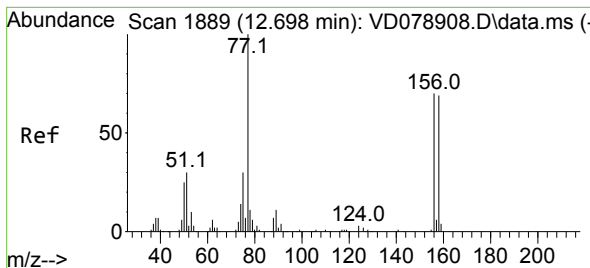
Tgt Ion: 83 Resp: 57220
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.5 16.5
 85 64.6 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 85.704 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078954.D
 Acq: 16 May 2024 19:06

Tgt Ion: 75 Resp: 69542
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.061 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

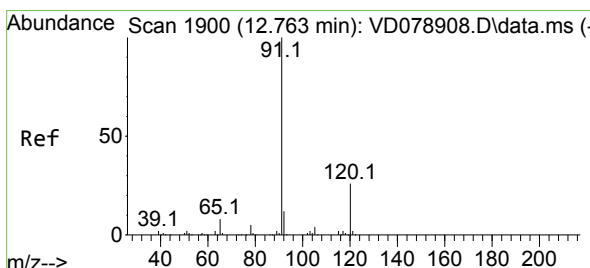
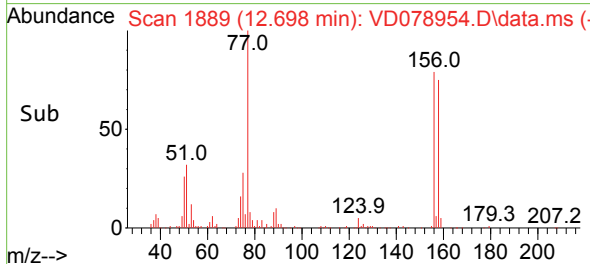
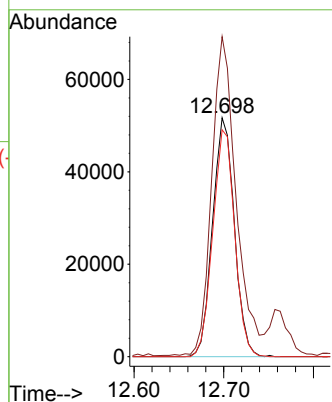
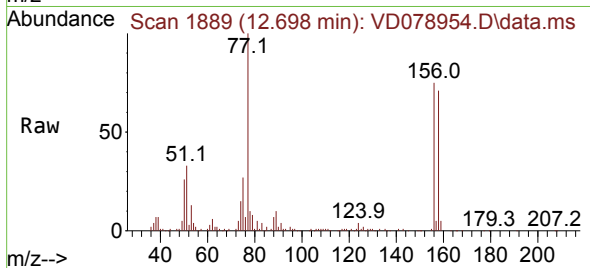
Tgt Ion:156 Resp: 86943

Ion Ratio Lower Upper

156 100

77 148.2 77.3 231.9

158 95.8 49.6 149.0



#78

n-propylbenzene

Concen: 48.530 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078954.D

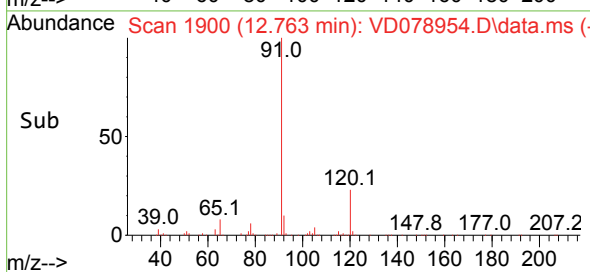
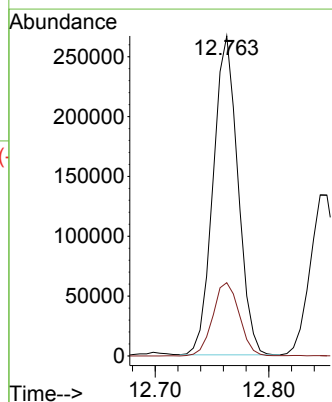
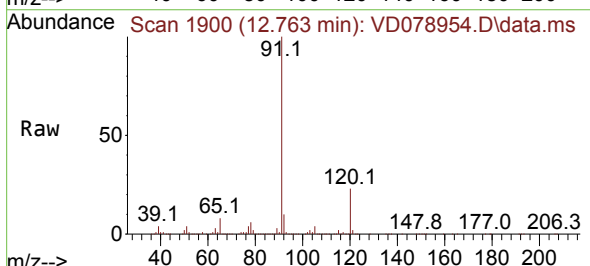
Acq: 16 May 2024 19:06

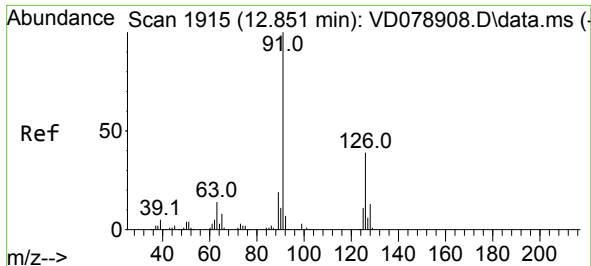
Tgt Ion: 91 Resp: 403516

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.8

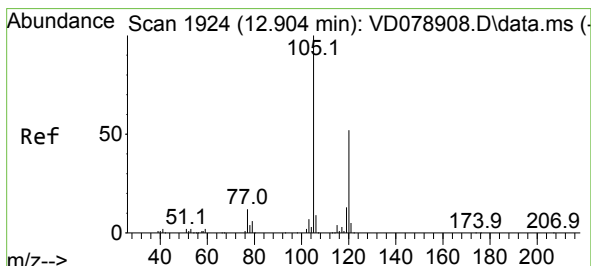
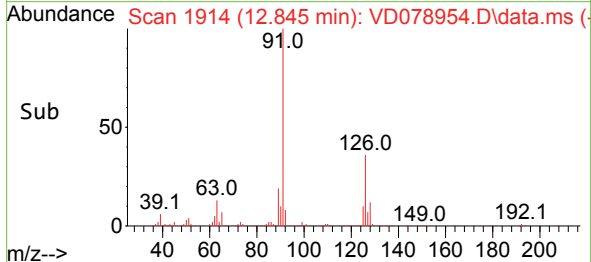
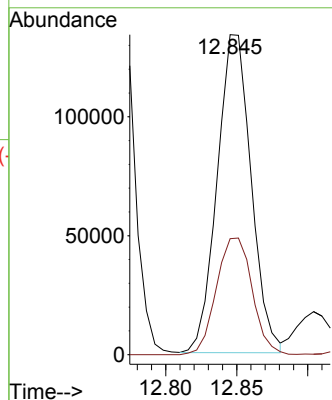
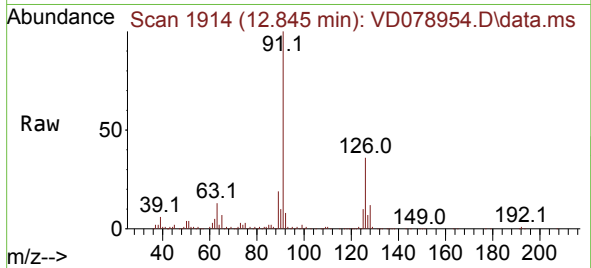




#79
2-Chlorotoluene
Concen: 48.163 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

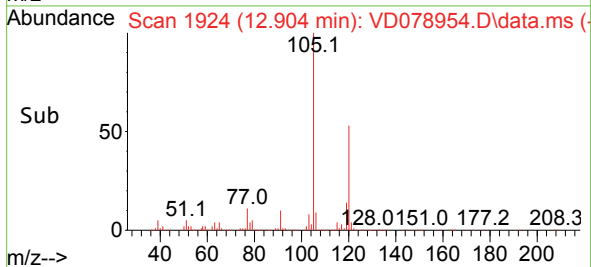
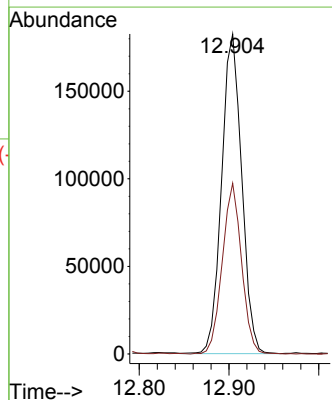
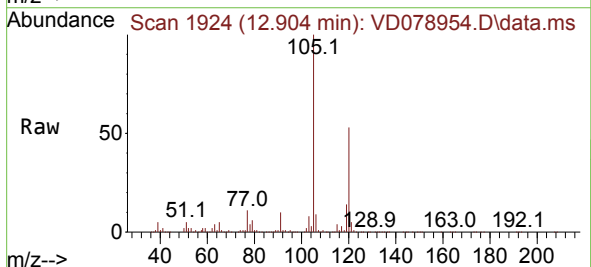
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

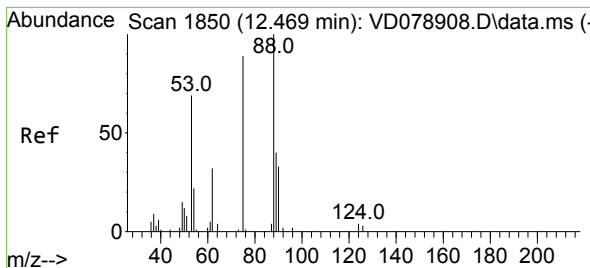
Tgt Ion: 91 Resp: 222579
Ion Ratio Lower Upper
91 100
126 38.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 49.626 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 105 Resp: 283632
Ion Ratio Lower Upper
105 100
120 51.2 25.7 77.1

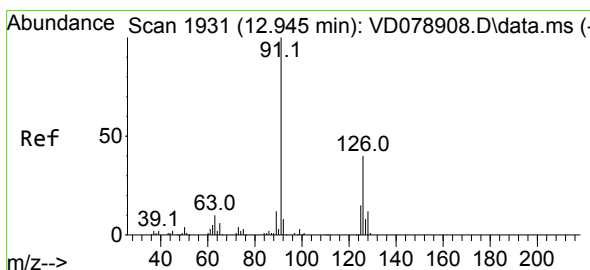
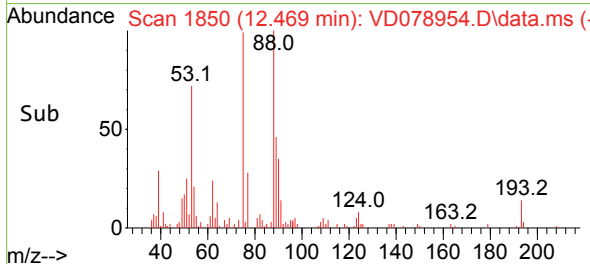
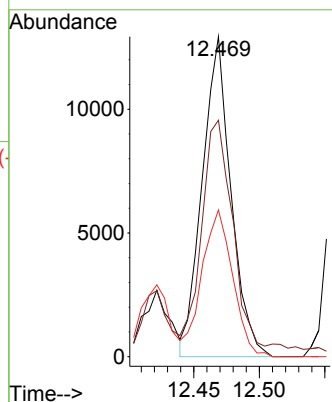
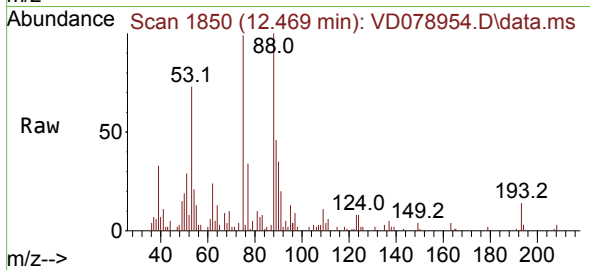




#81
trans-1,4-Dichloro-2-butene
Concen: 48.174 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

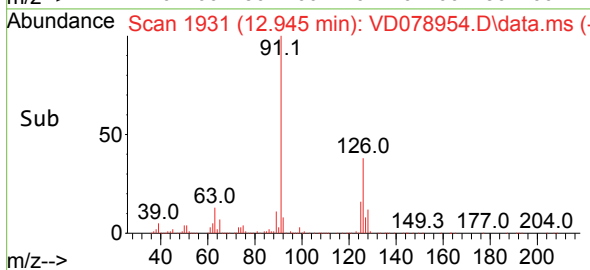
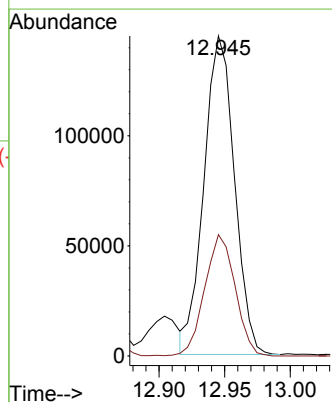
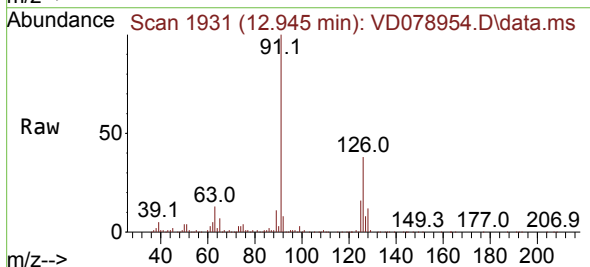
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

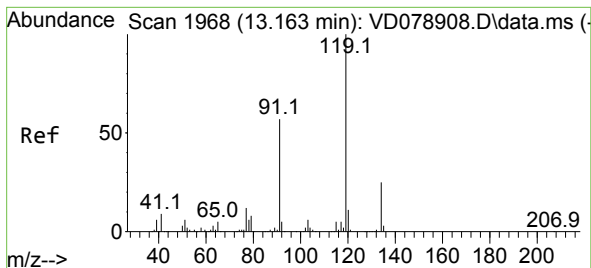
Tgt Ion: 75 Resp: 19712
Ion Ratio Lower Upper
75 100
53 84.0 61.4 92.2
89 49.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 48.286 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078954.D
Acq: 16 May 2024 19:06

Tgt Ion: 91 Resp: 234104
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 51.100 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

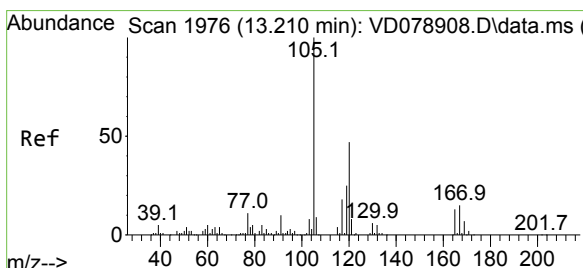
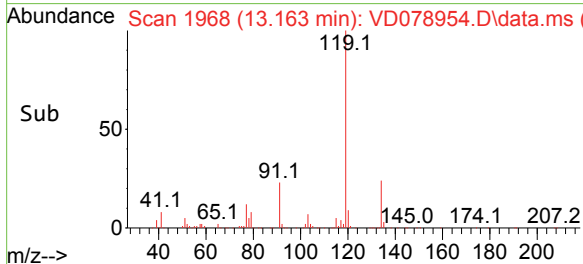
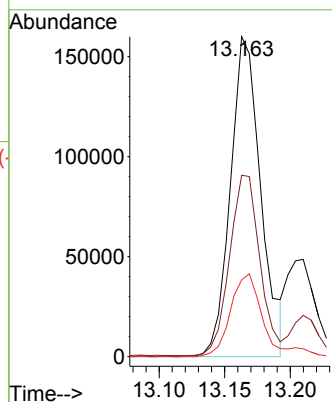
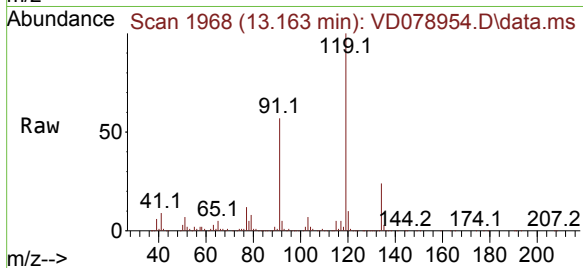
Tgt Ion:119 Resp: 258294

Ion Ratio Lower Upper

119 100

91 56.1 28.2 84.7

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.634 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078954.D

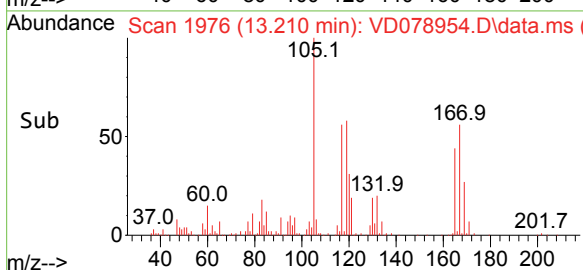
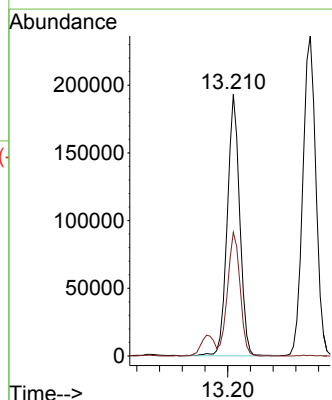
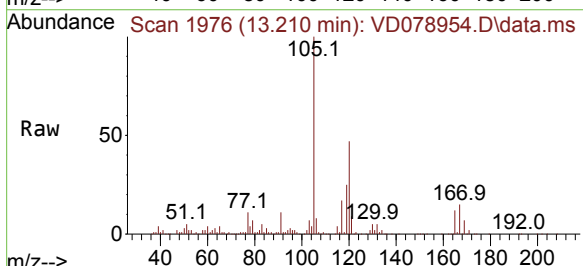
Acq: 16 May 2024 19:06

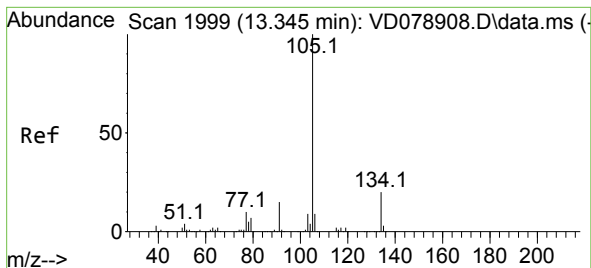
Tgt Ion:105 Resp: 293838

Ion Ratio Lower Upper

105 100

120 48.1 23.6 71.0





#85

sec-Butylbenzene

Concen: 49.857 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

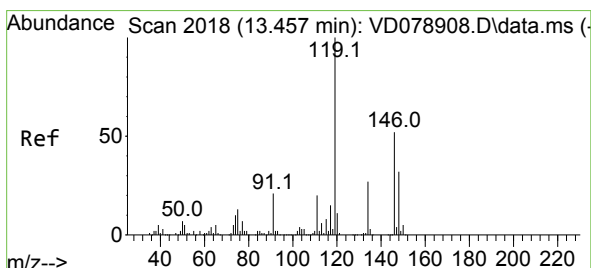
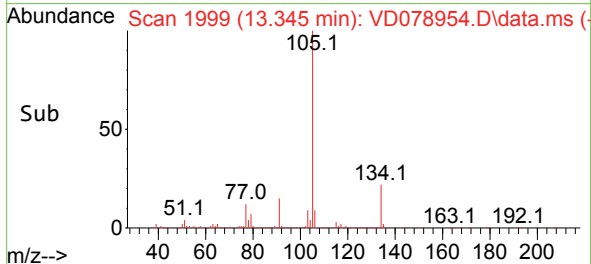
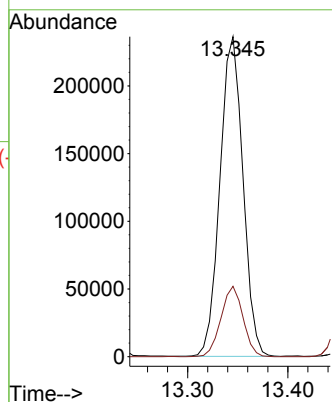
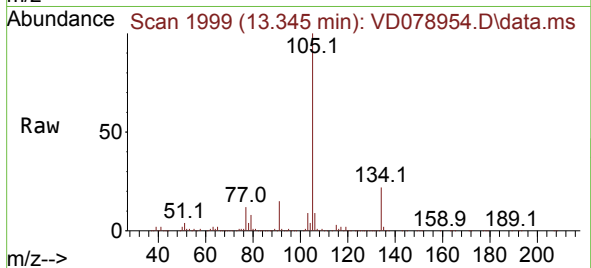
VSTDCCC050EC

Tgt Ion:105 Resp: 375923

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 50.151 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

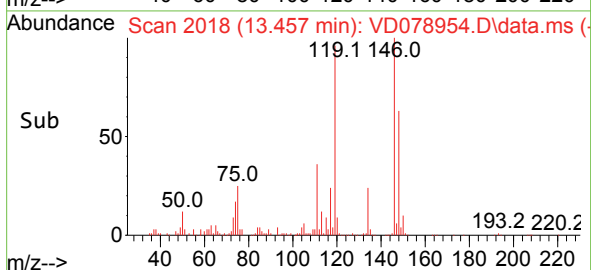
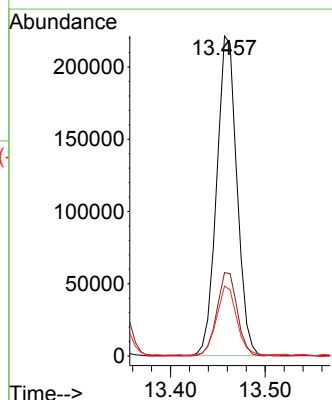
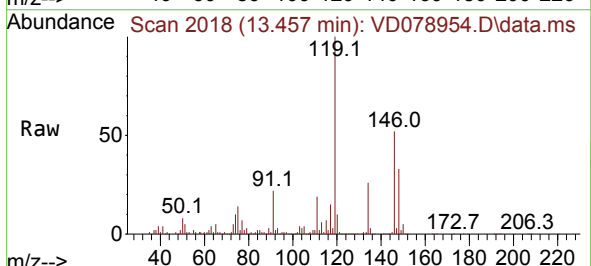
Tgt Ion:119 Resp: 329453

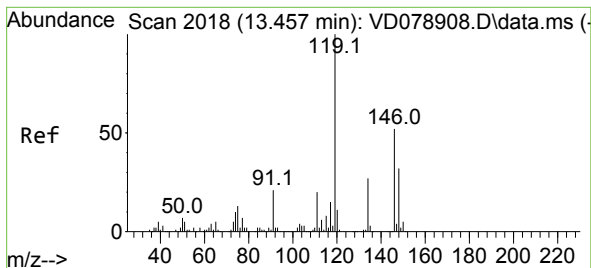
Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.728 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

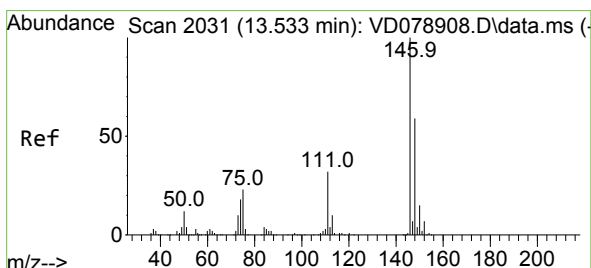
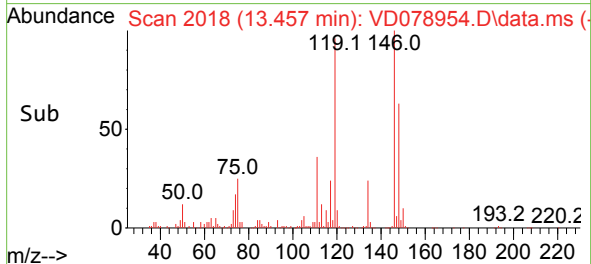
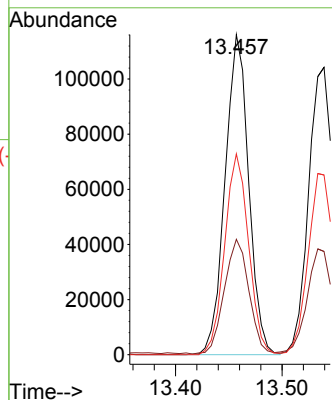
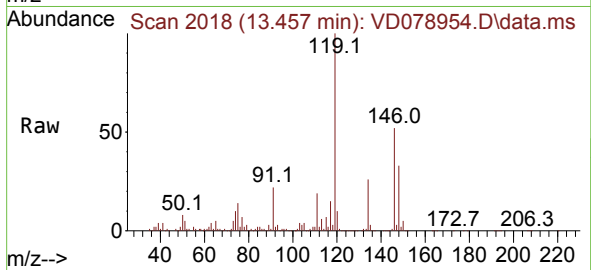
Tgt Ion:146 Resp: 178879

Ion Ratio Lower Upper

146 100

111 37.2 18.5 55.5

148 63.6 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 45.892 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

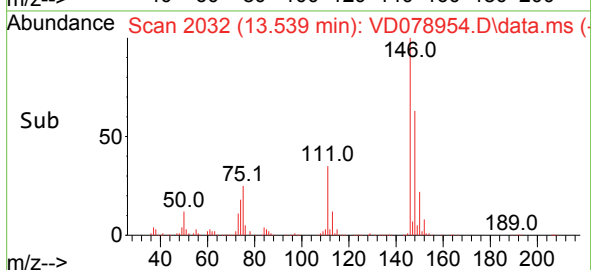
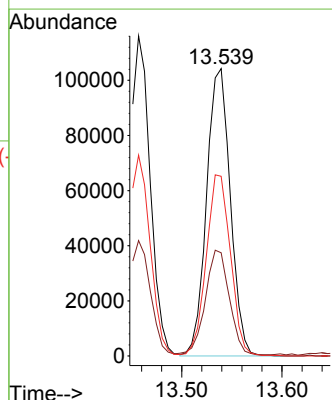
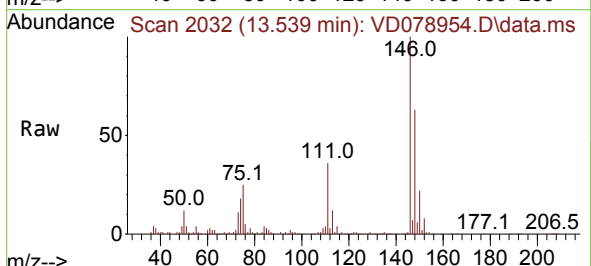
Tgt Ion:146 Resp: 172047

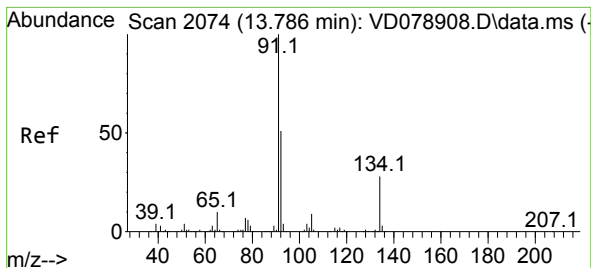
Ion Ratio Lower Upper

146 100

111 36.7 17.5 52.6

148 64.3 31.4 94.2





#89

n-Butylbenzene

Concen: 50.232 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

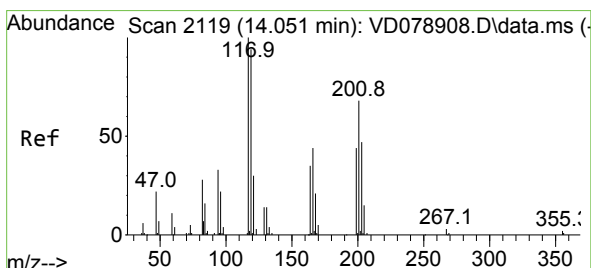
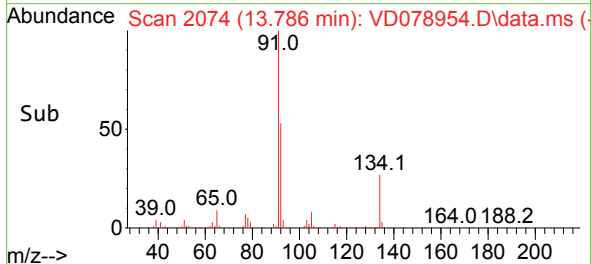
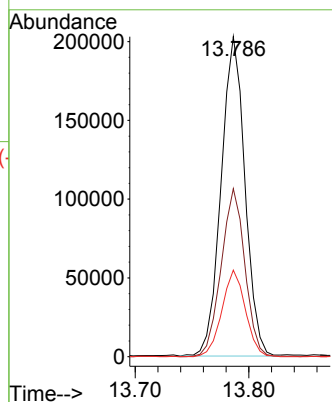
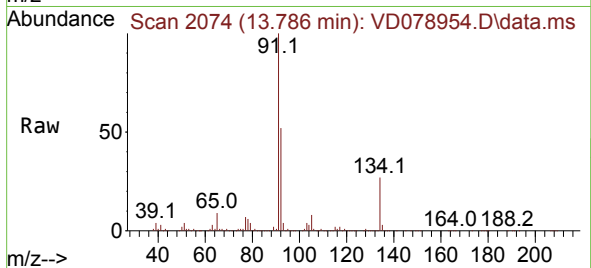
Tgt Ion: 91 Resp: 295689

Ion Ratio Lower Upper

91 100

92 52.4 25.7 77.0

134 26.7 13.6 40.8



#90

Hexachloroethane

Concen: 46.278 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078954.D

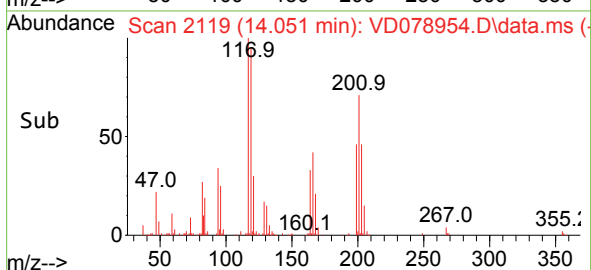
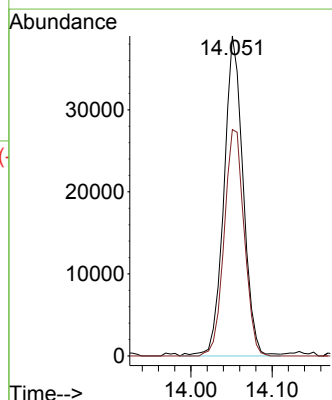
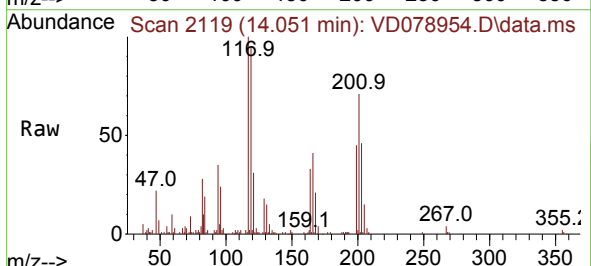
Acq: 16 May 2024 19:06

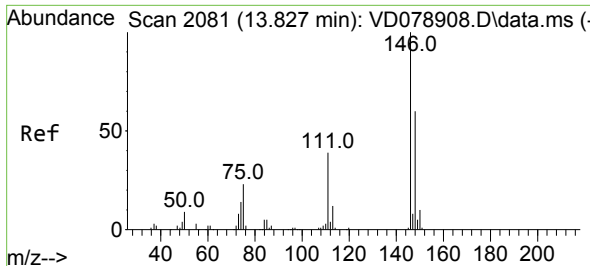
Tgt Ion: 117 Resp: 64125

Ion Ratio Lower Upper

117 100

201 73.7 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 47.065 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

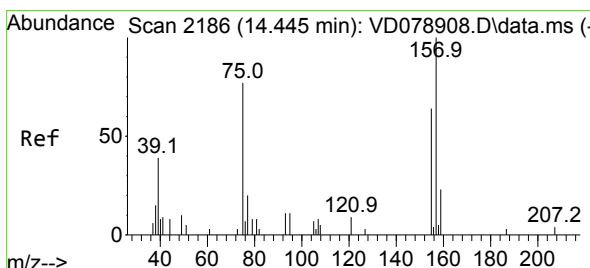
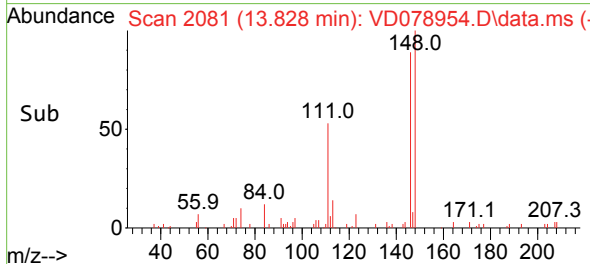
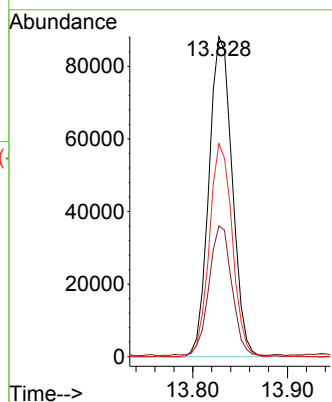
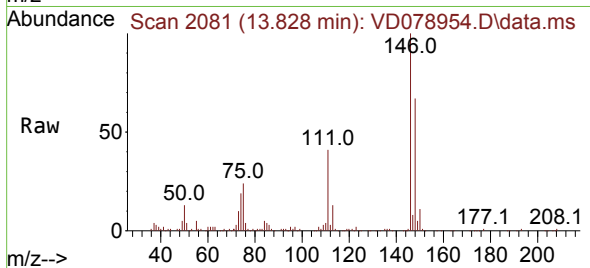
Tgt Ion:146 Resp: 150748

Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.1

148 65.5 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.974 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

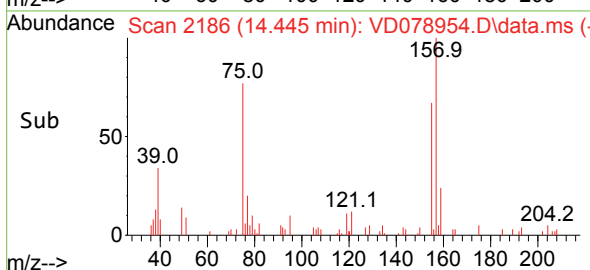
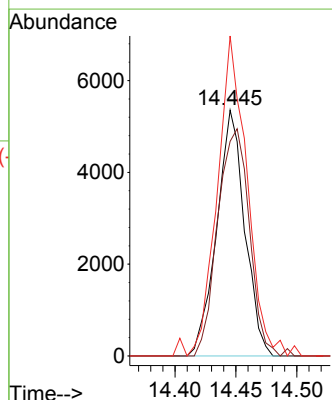
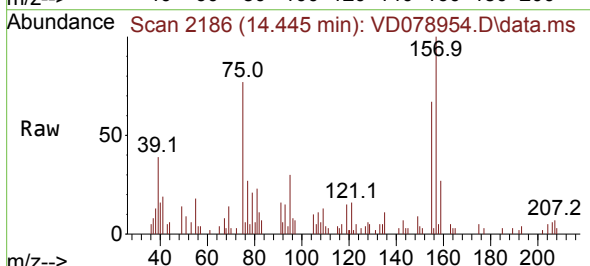
Tgt Ion: 75 Resp: 8586

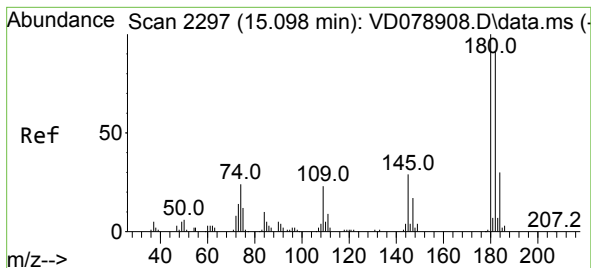
Ion Ratio Lower Upper

75 100

155 104.9 47.7 143.1

157 139.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 53.601 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

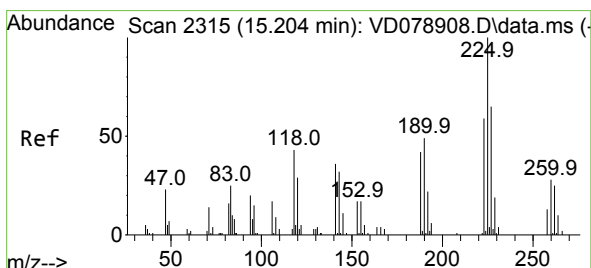
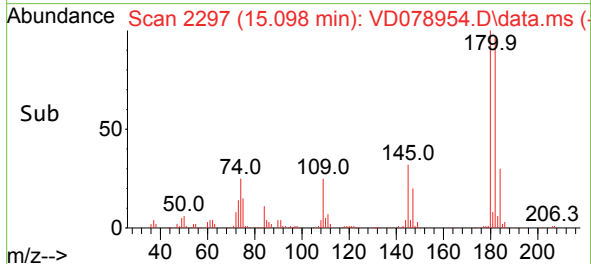
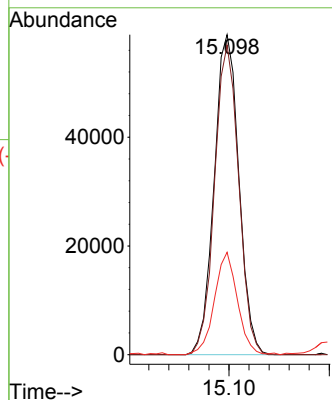
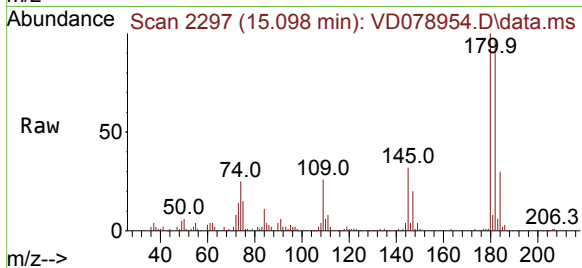
Tgt Ion:180 Resp: 100804

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.7

145 29.7 14.0 41.9



#94

Hexachlorobutadiene

Concen: 47.453 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

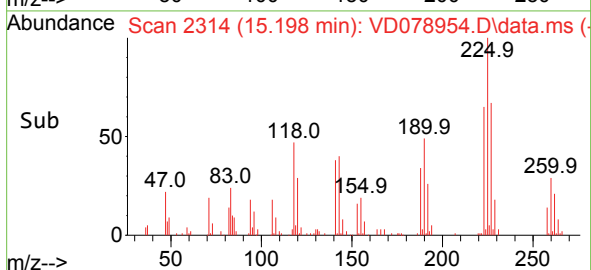
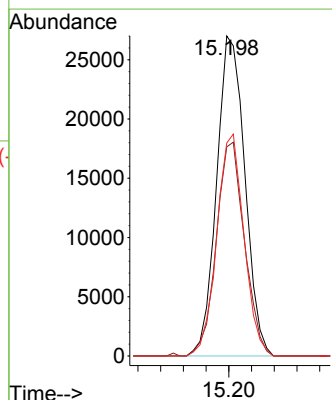
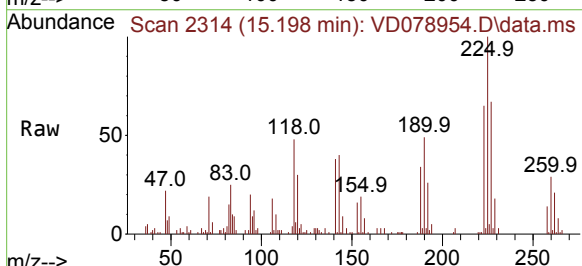
Tgt Ion:225 Resp: 46638

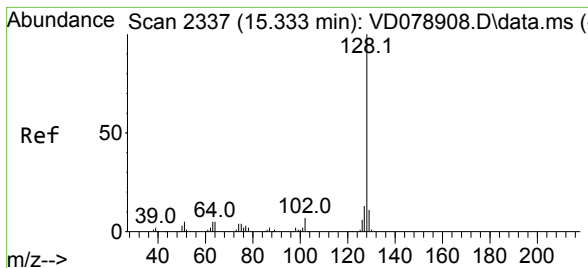
Ion Ratio Lower Upper

225 100

223 66.5 33.3 99.9

227 66.5 33.6 100.6





#95

Naphthalene

Concen: 59.972 ug/l

RT: 15.327 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

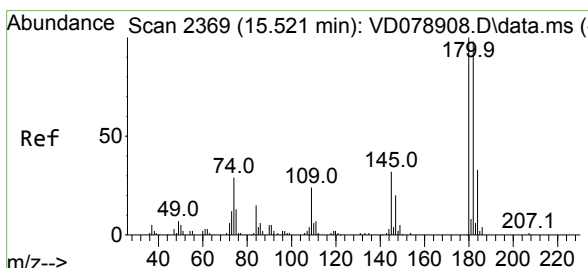
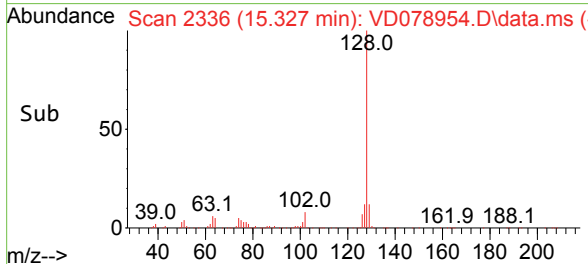
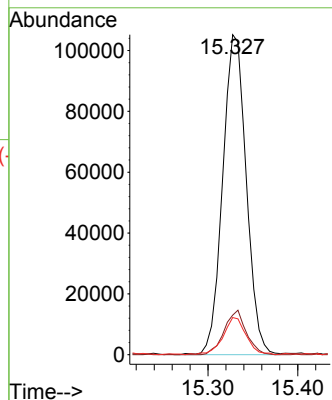
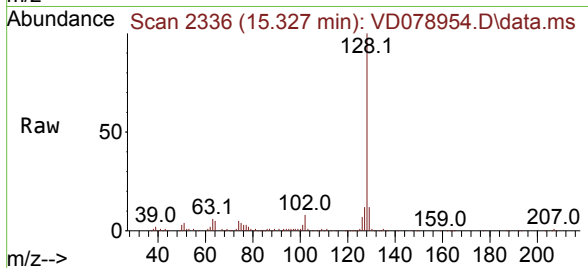
Tgt Ion:128 Resp: 192115

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 11.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.276 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078954.D

Acq: 16 May 2024 19:06

Tgt Ion:180 Resp: 87454

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 32.0 16.1 48.2

