

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078938.D
 Acq On : 16 May 2024 09:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 17 06:06:30 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	133669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59667	47.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.804	113	68582	49.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.269	98	265919	51.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.575	95	76157	52.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59345	47.514	ug/l	99
3) Chloromethane	2.152	50	91590	54.915	ug/l	98
4) Vinyl Chloride	2.287	62	153677	57.911	ug/l	100
5) Bromomethane	2.693	94	113081	44.166	ug/l	99
6) Chloroethane	2.840	64	113225	47.357	ug/l	99
7) Trichlorofluoromethane	3.175	101	112148	42.840	ug/l	97
8) Diethyl Ether	3.593	74	33384	56.199	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	67502	48.831	ug/l	98
10) Methyl Iodide	4.163	142	74609	45.175	ug/l	98
11) Tert butyl alcohol	5.046	59	16066	293.664	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	65625	48.498	ug/l	98
13) Acrolein	3.799	56	28916	231.673	ug/l	98
14) Allyl chloride	4.563	41	63301	47.942	ug/l	96
15) Acrylonitrile	5.252	53	66206	273.173	ug/l	95
16) Acetone	4.022	43	59571	297.981	ug/l	98
17) Carbon Disulfide	4.269	76	189740	48.114	ug/l	98
18) Methyl Acetate	4.563	43	23920	51.965	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	143702	54.502	ug/l	96
20) Methylene Chloride	4.799	84	80063	50.385	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	74866	49.639	ug/l	98
22) Diisopropyl ether	6.216	45	155076	51.928	ug/l	95
23) Vinyl Acetate	6.152	43	495401	276.573	ug/l	100
24) 1,1-Dichloroethane	6.116	63	115731	48.885	ug/l	96
25) 2-Butanone	7.081	43	77356	289.311	ug/l	96
26) 2,2-Dichloropropane	7.075	77	102841	49.431	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	86513	48.849	ug/l	97
28) Bromochloromethane	7.428	49	44384	56.216	ug/l	98
29) Tetrahydrofuran	7.446	42	44301	286.454	ug/l	97
30) Chloroform	7.593	83	130355	48.614	ug/l	98
31) Cyclohexane	7.881	56	86196	47.055	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	116343	50.665	ug/l	97
36) 1,1-Dichloropropene	8.010	75	88209	51.203	ug/l	99
37) Ethyl Acetate	7.169	43	33456	56.985	ug/l	100
38) Carbon Tetrachloride	7.993	117	105469	52.315	ug/l	99
39) Methylcyclohexane	9.275	83	111149	53.101	ug/l	91
40) Benzene	8.251	78	286633	51.442	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	14385	45.535	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	69020	51.176	ug/l	99
43) Isopropyl Acetate	8.363	43	60763	58.329	ug/l	99
44) Trichloroethene	9.028	130	76078	51.476	ug/l	98
45) 1,2-Dichloropropane	9.304	63	65934	53.849	ug/l	93
46) Dibromomethane	9.393	93	41338	51.284	ug/l	97
47) Bromodichloromethane	9.587	83	100878	51.991	ug/l	96
48) Methyl methacrylate	9.381	41	28515	56.229	ug/l	95
49) 1,4-Dioxane	9.387	88	9571	1349.858	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	164084	295.721	ug/l	97
52) Toluene	10.334	92	186781	52.368	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	89732	54.423	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	106537	53.834	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	57358	55.079	ug/l	96
56) Ethyl methacrylate	10.598	69	63711	59.464	ug/l	98
57) 1,3-Dichloropropane	10.881	76	87544	53.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	135954	295.322	ug/l	99
59) 2-Hexanone	10.922	43	122099	316.148	ug/l	95
60) Dibromochloromethane	11.075	129	76247	53.709	ug/l	98
61) 1,2-Dibromoethane	11.181	107	53242	56.073	ug/l	97
64) Tetrachloroethene	10.810	164	64436	51.101	ug/l	96
65) Chlorobenzene	11.610	112	216624	52.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	78133	54.668	ug/l	97
67) Ethyl Benzene	11.681	91	360952	54.281	ug/l	98
68) m/p-Xylenes	11.792	106	296950	109.840	ug/l	97
69) o-Xylene	12.122	106	134865	54.719	ug/l	95
70) Styrene	12.134	104	244640	56.005	ug/l	99
71) Bromoform	12.298	173	44580	54.452	ug/l #	96
73) Isopropylbenzene	12.422	105	342598	52.010	ug/l	99
74) N-amyl acetate	12.234	43	60090	56.221	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	63101	53.107	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	77201	99.362	ug/l #	100
77) Bromobenzene	12.698	156	85831	49.551	ug/l	99
78) n-propylbenzene	12.763	91	415118	52.139	ug/l	99
79) 2-Chlorotoluene	12.851	91	224842	50.810	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	292189	53.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	21035	53.687	ug/l	91
82) 4-Chlorotoluene	12.945	91	242180	52.167	ug/l	100
83) tert-Butylbenzene	13.169	119	255190	52.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	300719	53.049	ug/l	100
85) sec-Butylbenzene	13.345	105	377587	52.299	ug/l	99
86) p-Isopropyltoluene	13.463	119	341767	54.333	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	187930	51.269	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	181266	50.495	ug/l	99
89) n-Butylbenzene	13.786	91	296613	52.624	ug/l	99
90) Hexachloroethane	14.057	117	64757	48.806	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	159939	52.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8480	53.609	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	93642	52.001	ug/l	96
94) Hexachlorobutadiene	15.204	225	48423	51.454	ug/l	95
95) Naphthalene	15.333	128	178660	58.245	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	87339	54.522	ug/l	98

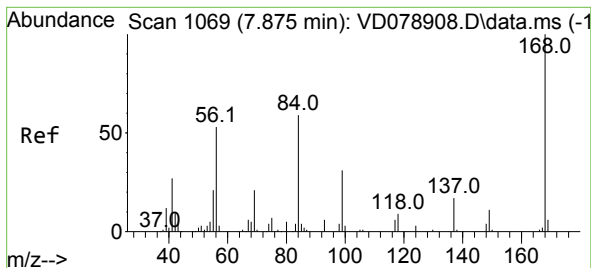
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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

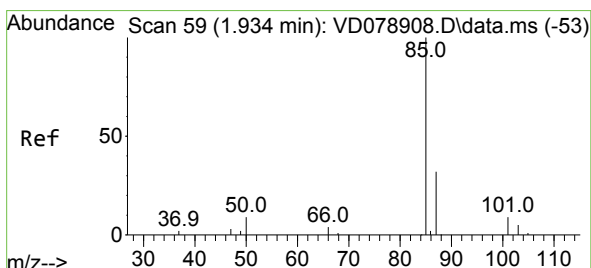
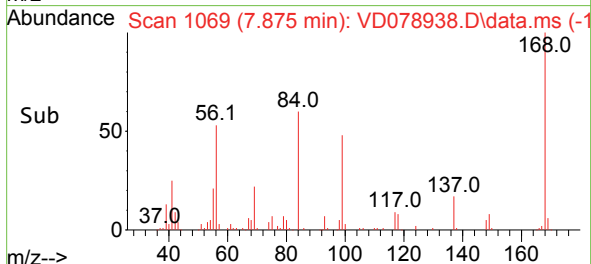
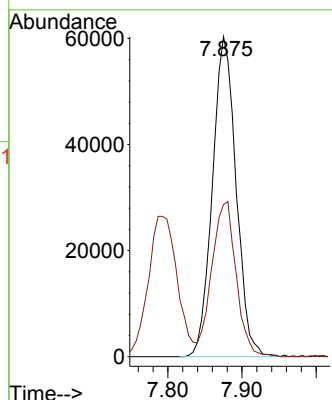
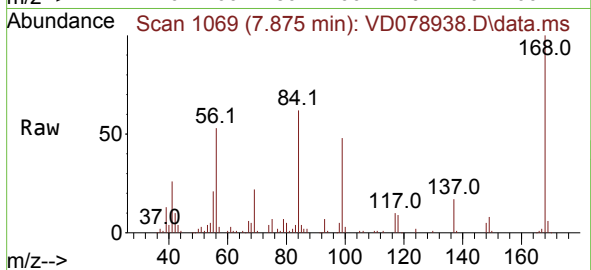
VSTDCCC050

Tgt Ion:168 Resp: 133669

Ion Ratio Lower Upper

168 100

99 47.6 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 47.514 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078938.D

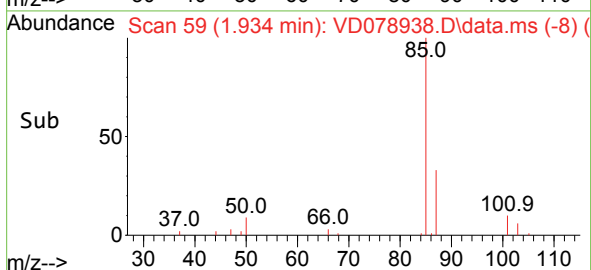
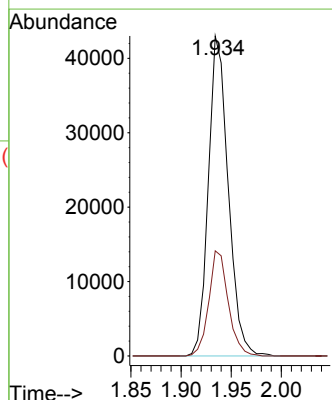
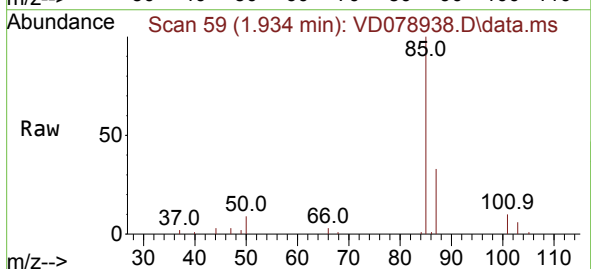
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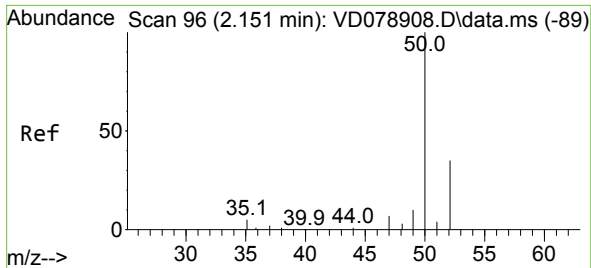
Tgt Ion: 85 Resp: 59345

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0

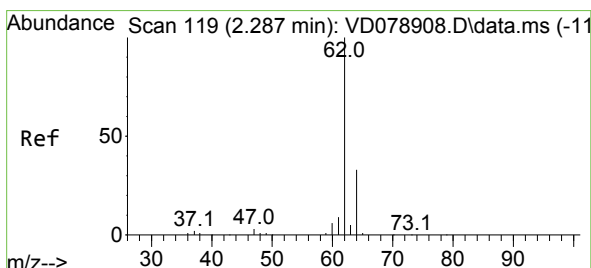
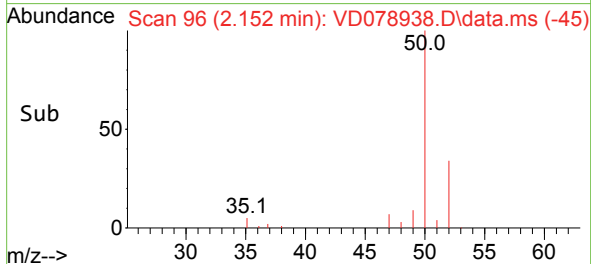
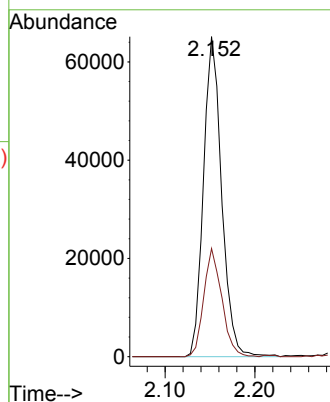
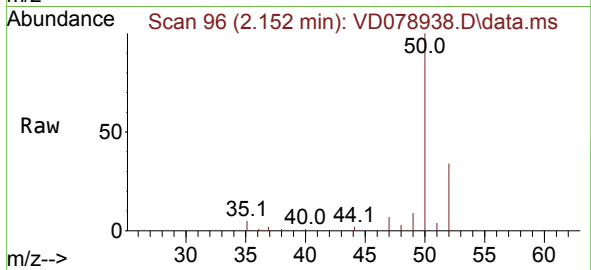




#3
Chloromethane
Concen: 54.915 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

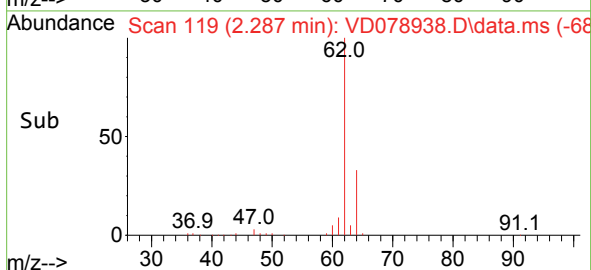
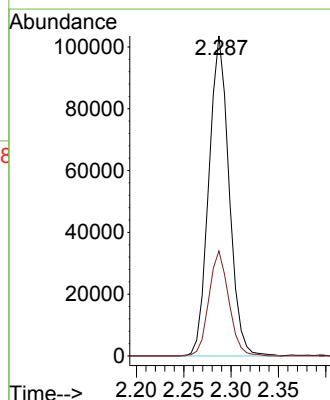
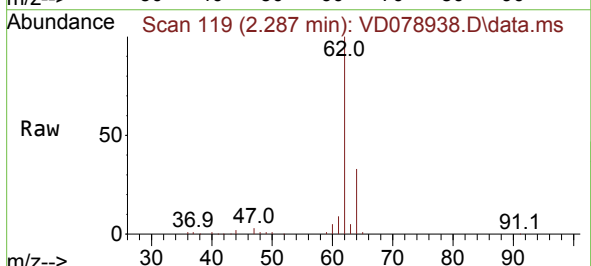
Instrument :
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ClientSampleId :
VSTDCCC050

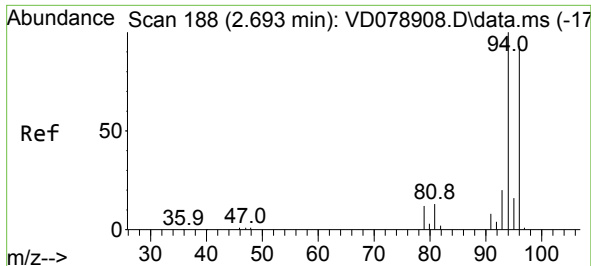
Tgt Ion: 50 Resp: 91590
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 57.911 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 62 Resp: 153677
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

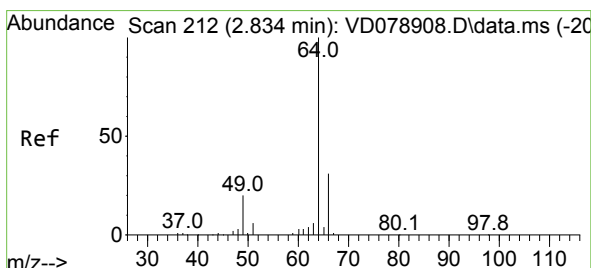
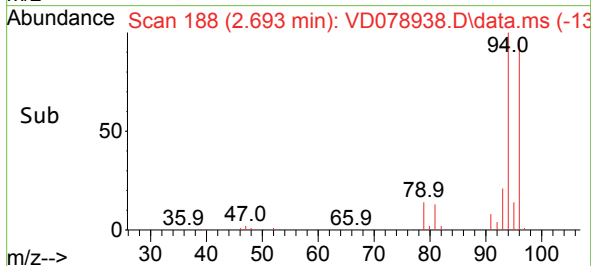
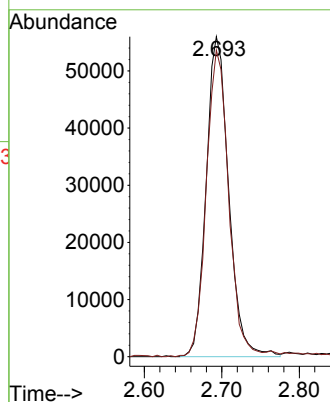
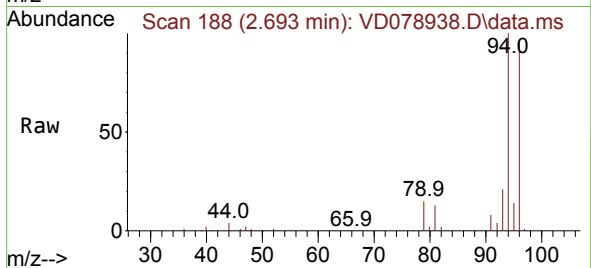




#5
Bromomethane
Concen: 44.166 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

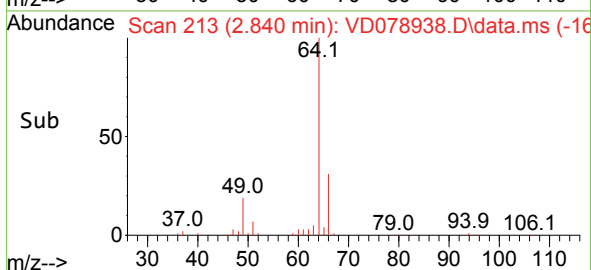
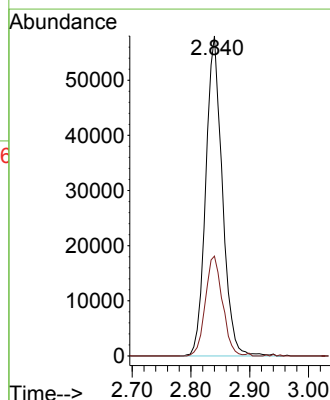
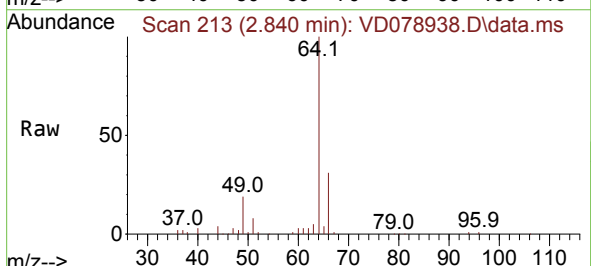
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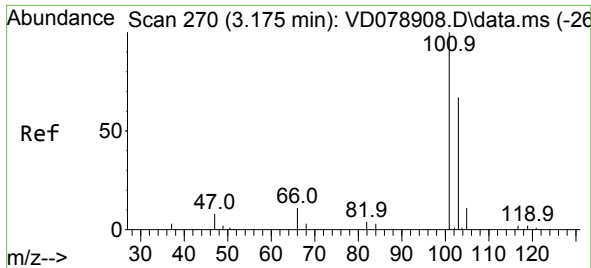
Tgt Ion: 94 Resp: 113081
Ion Ratio Lower Upper
94 100
96 94.9 76.9 115.3



#6
Chloroethane
Concen: 47.357 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 64 Resp: 113225
Ion Ratio Lower Upper
64 100
66 31.2 24.5 36.7

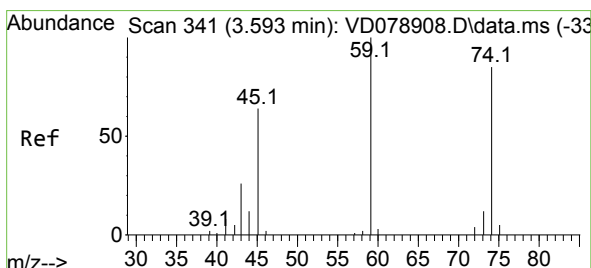
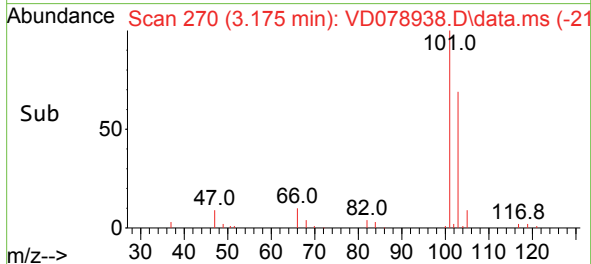
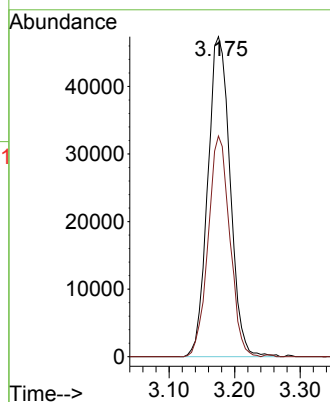
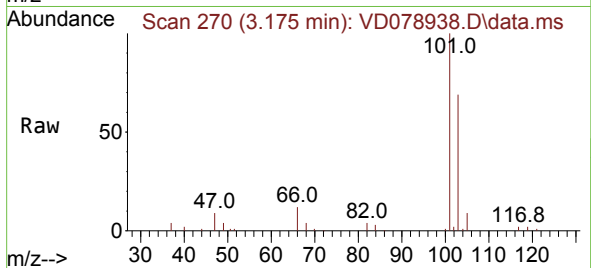




#7
Trichlorofluoromethane
Concen: 42.840 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

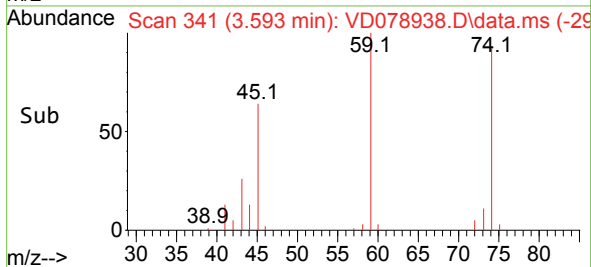
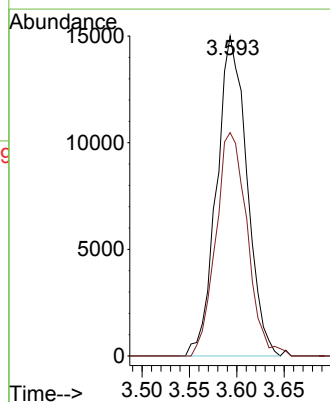
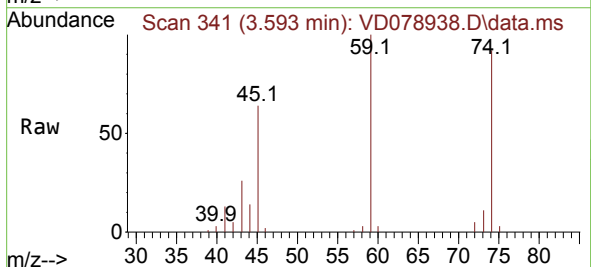
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

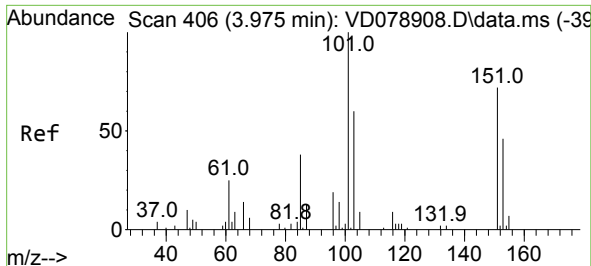
Tgt Ion:101 Resp: 112148
Ion Ratio Lower Upper
101 100
103 68.9 53.2 79.8



#8
Diethyl Ether
Concen: 56.199 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 74 Resp: 33384
Ion Ratio Lower Upper
74 100
45 72.3 37.9 113.6

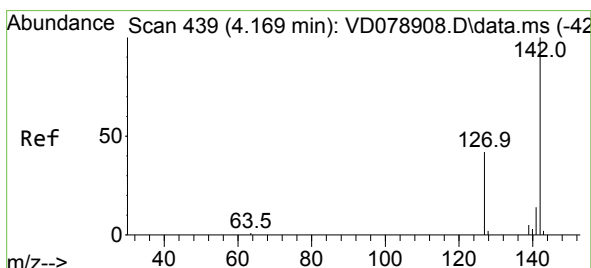
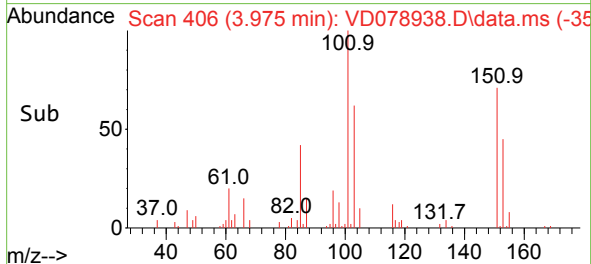
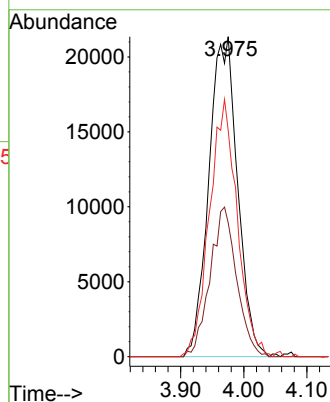
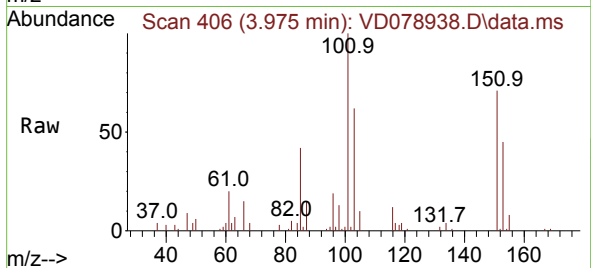




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.831 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

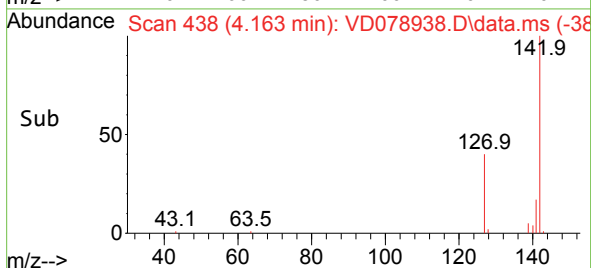
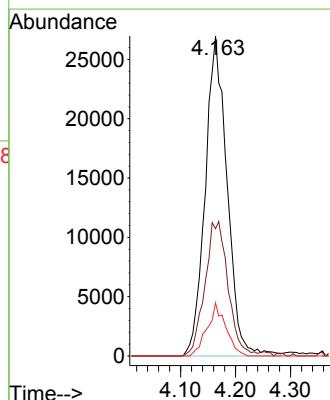
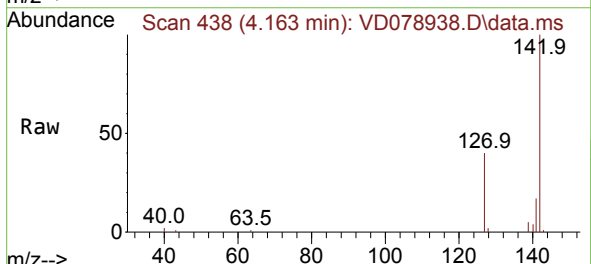
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

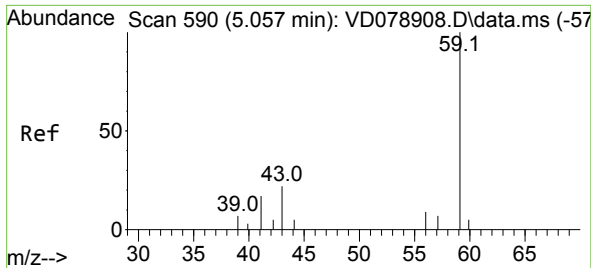
Tgt Ion:101 Resp: 67502
Ion Ratio Lower Upper
101 100
85 43.3 33.5 50.3
151 77.6 60.3 90.5



#10
Methyl Iodide
Concen: 45.175 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:142 Resp: 74609
Ion Ratio Lower Upper
142 100
127 44.4 34.2 51.4
141 14.1 11.7 17.5

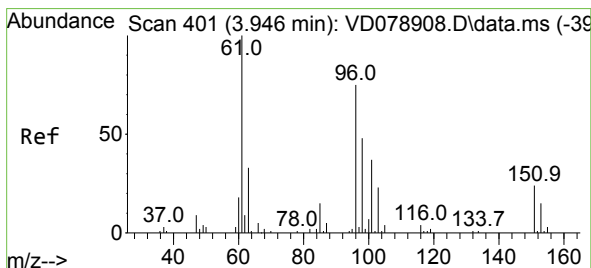
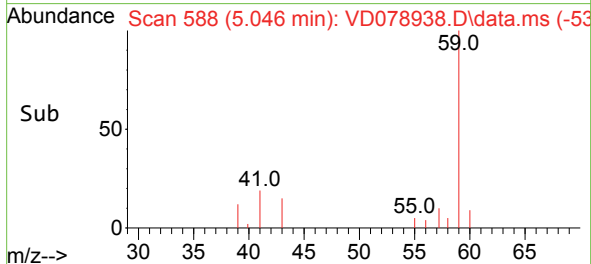
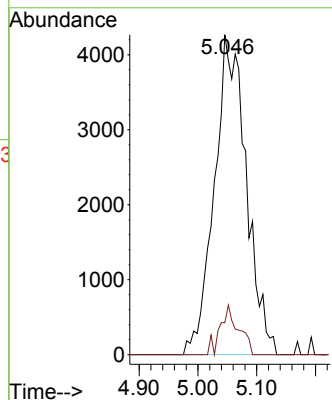
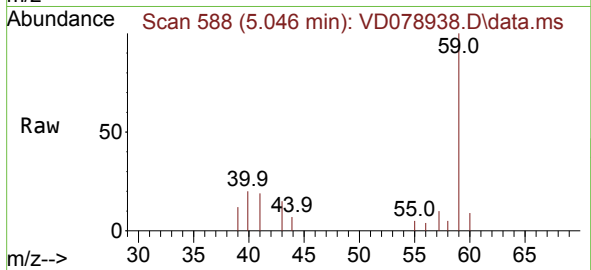




#11
Tert butyl alcohol
Concen: 293.664 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

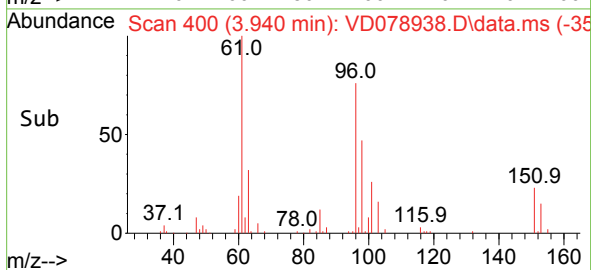
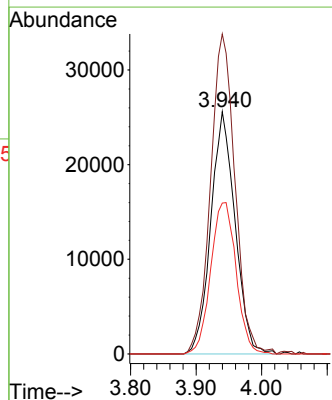
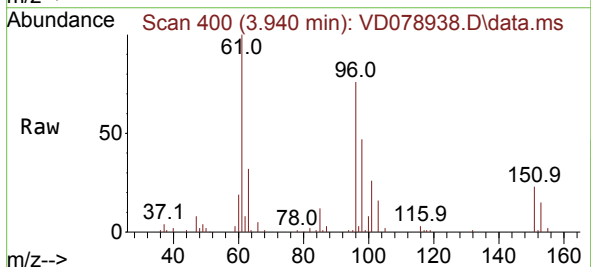
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

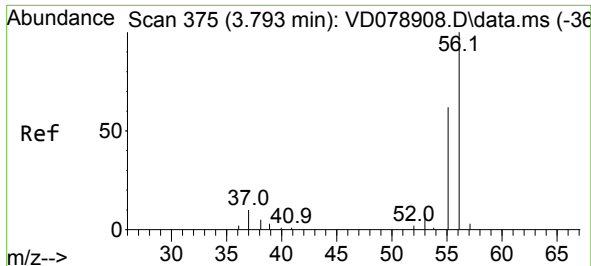
Tgt Ion: 59 Resp: 16066
Ion Ratio Lower Upper
59 100
57 8.9 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 48.498 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 96 Resp: 65625
Ion Ratio Lower Upper
96 100
61 132.1 107.3 160.9
98 62.3 51.7 77.5





#13

Acrolein

Concen: 231.673 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

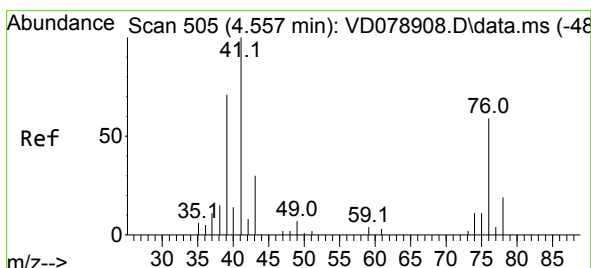
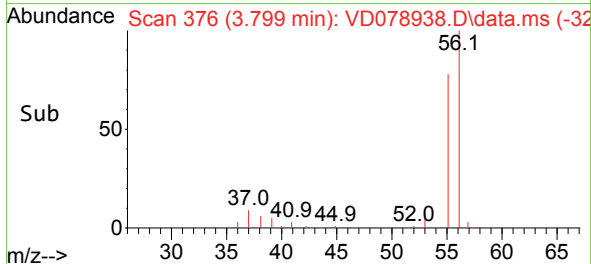
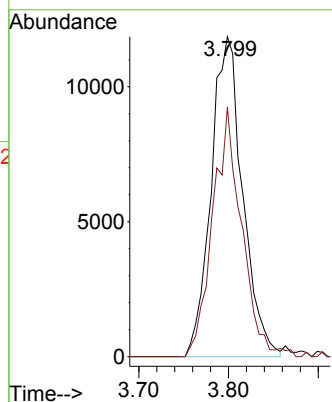
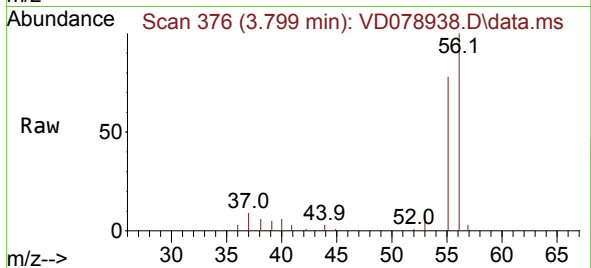
VSTDCCC050

Tgt Ion: 56 Resp: 28916

Ion Ratio Lower Upper

56 100

55 70.5 55.3 82.9



#14

Allyl chloride

Concen: 47.942 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

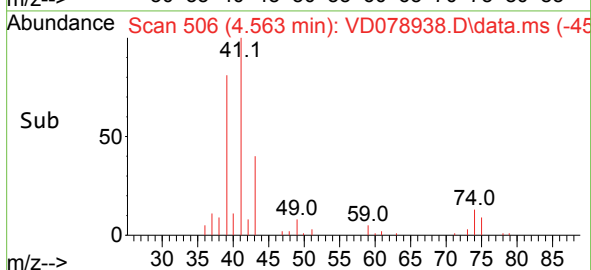
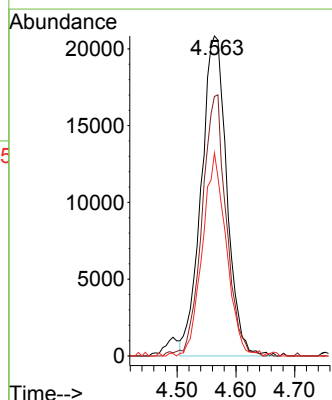
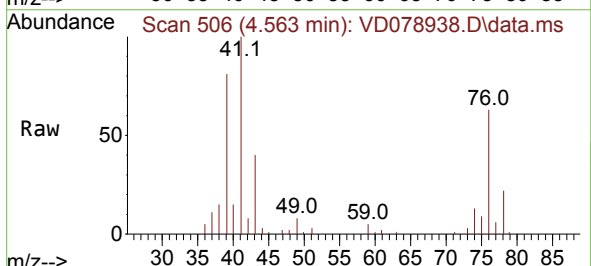
Tgt Ion: 41 Resp: 63301

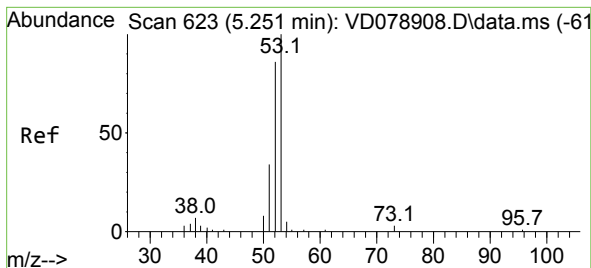
Ion Ratio Lower Upper

41 100

39 77.3 58.0 87.0

76 58.8 45.9 68.9





#15

Acrylonitrile

Concen: 273.173 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078938.D

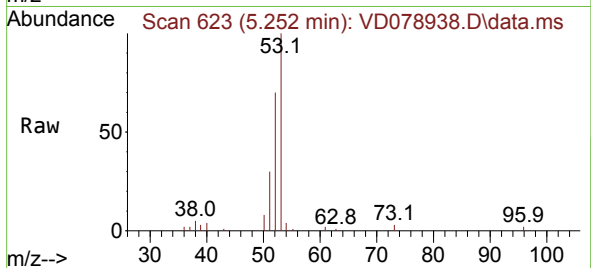
Acq: 16 May 2024 09:57

Instrument :

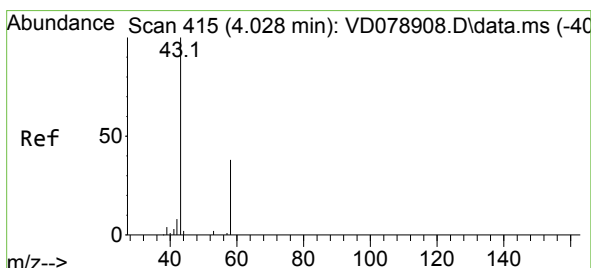
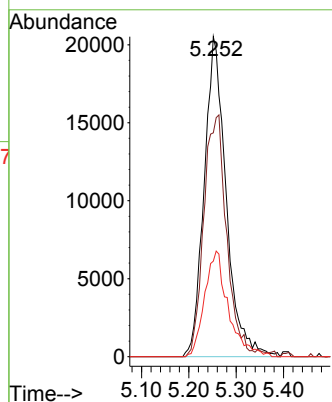
MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion:	53	Resp:	66206
Ion	Ratio	Lower	Upper
53	100		
52	78.1	67.7	101.5
51	35.6	28.6	42.8



#16

Acetone

Concen: 297.981 ug/l

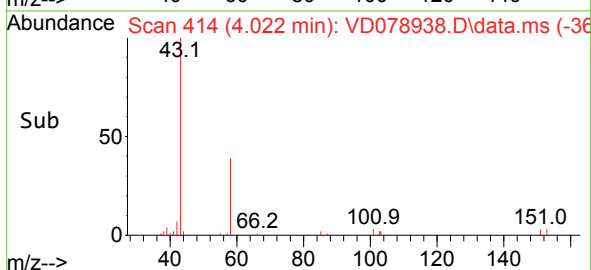
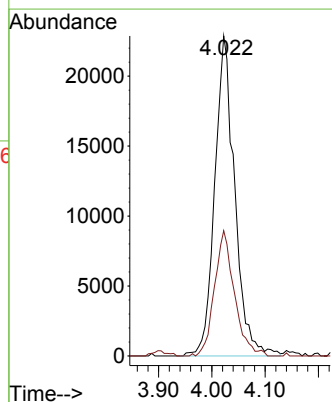
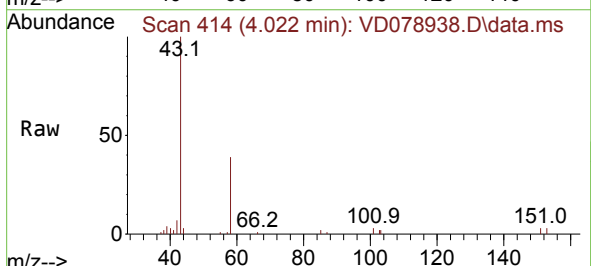
RT: 4.022 min Scan# 414

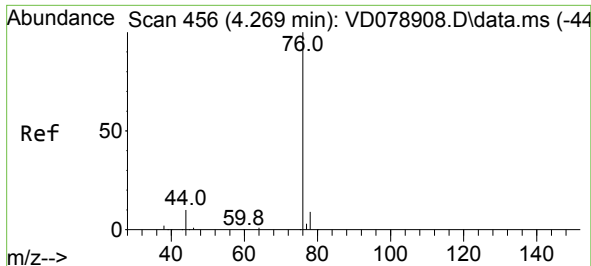
Delta R.T. -0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Tgt Ion:	43	Resp:	59571
Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6

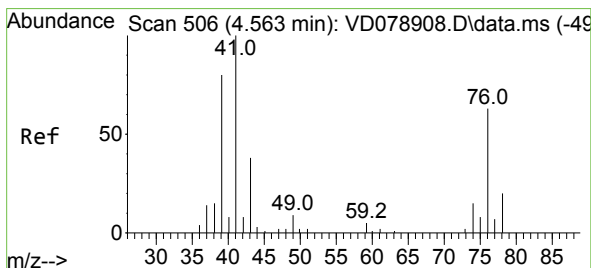
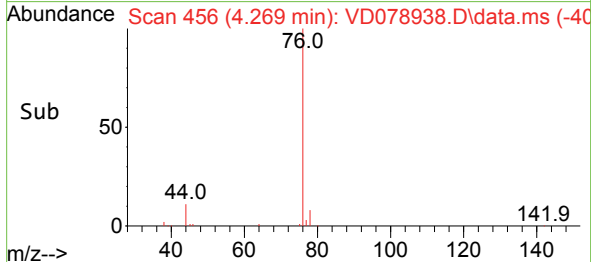
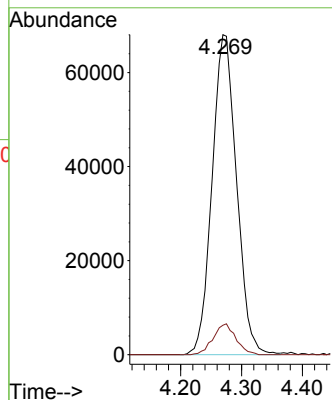
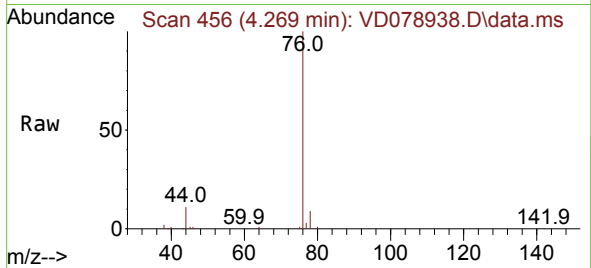




#17
Carbon Disulfide
Concen: 48.114 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

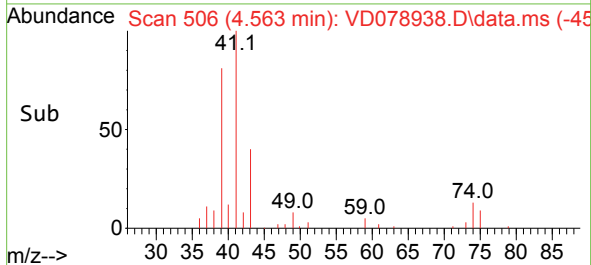
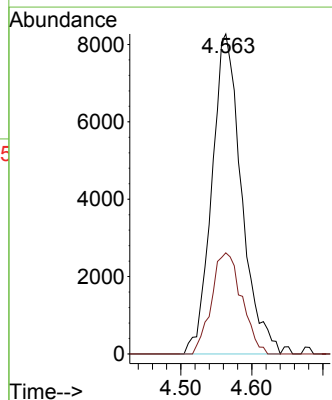
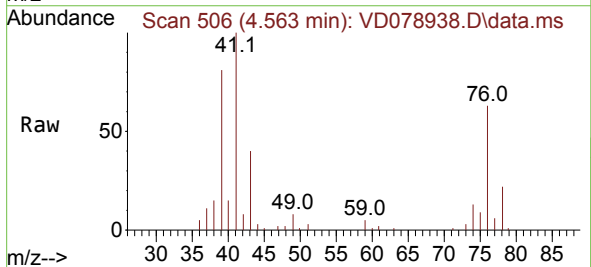
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

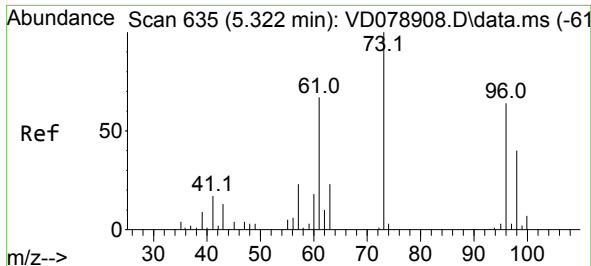
Tgt Ion: 76 Resp: 189740
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 51.965 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 43 Resp: 23920
Ion Ratio Lower Upper
43 100
74 32.3 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 54.502 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

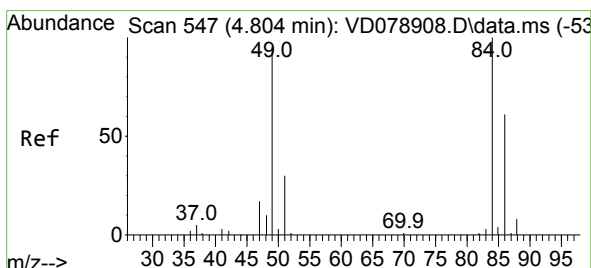
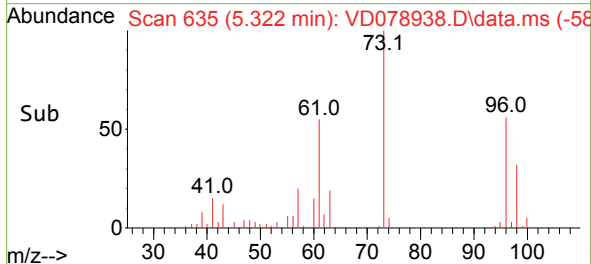
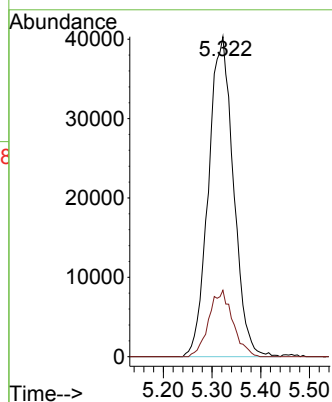
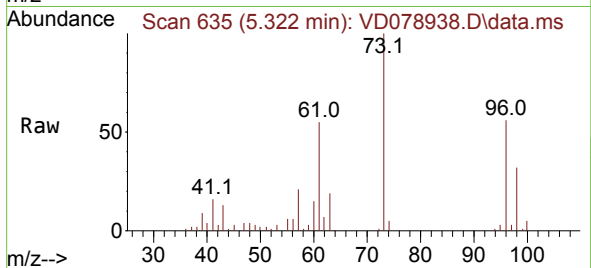
VSTDCCC050

Tgt Ion: 73 Resp: 143702

Ion Ratio Lower Upper

73 100

57 20.7 18.3 27.5



#20

Methylene Chloride

Concen: 50.385 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Tgt Ion: 84 Resp: 80063

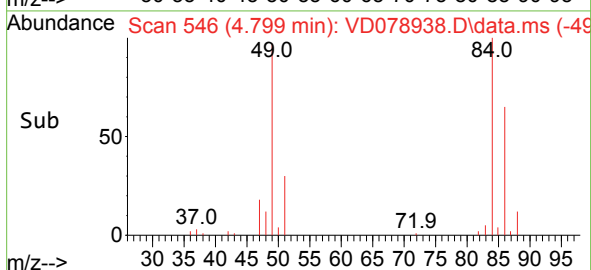
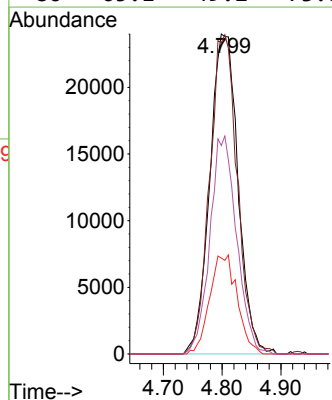
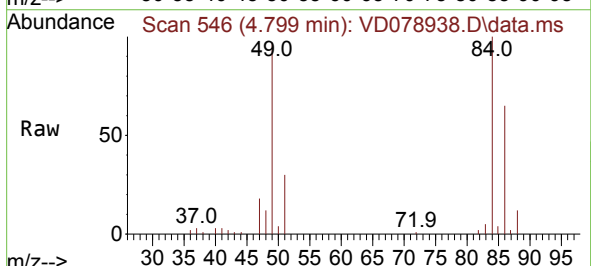
Ion Ratio Lower Upper

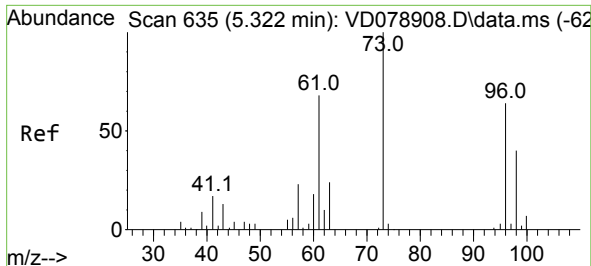
84 100

49 97.3 75.6 113.4

51 30.0 24.2 36.2

86 65.1 49.2 73.8

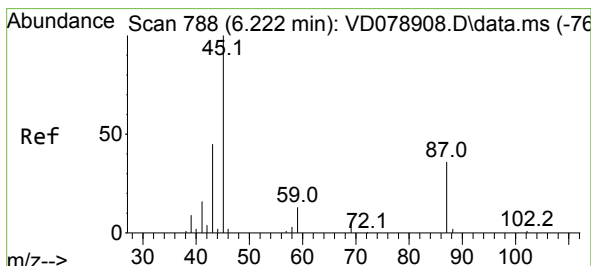
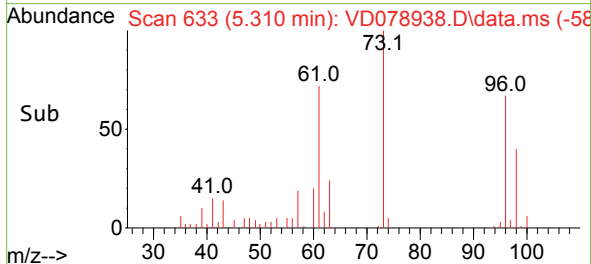
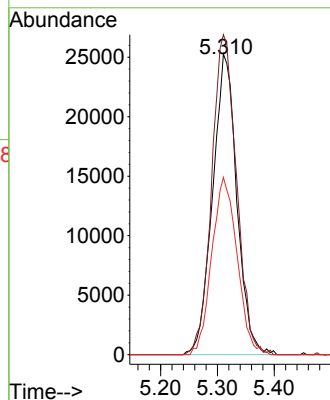
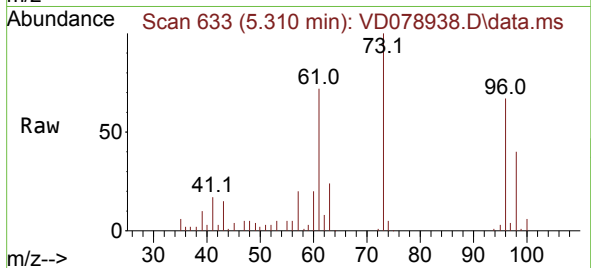




#21
trans-1,2-Dichloroethene
Concen: 49.639 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

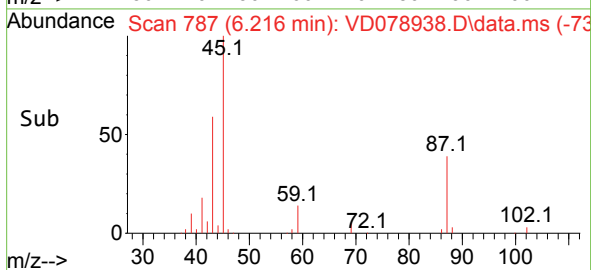
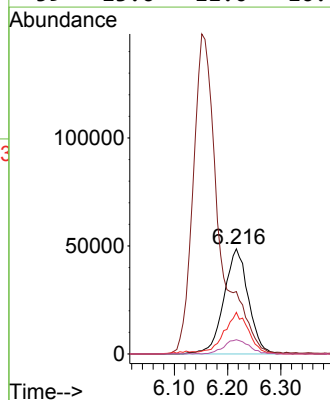
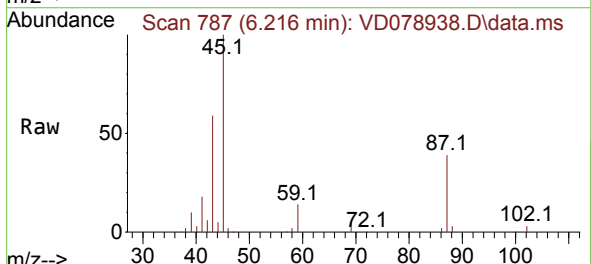
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

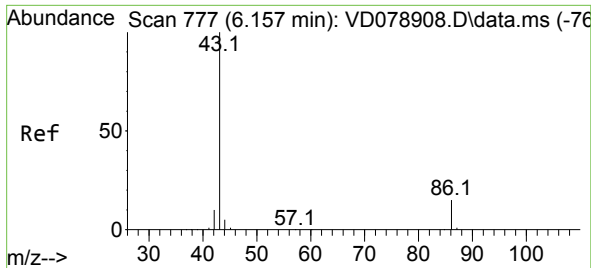
Tgt Ion: 96 Resp: 74866
Ion Ratio Lower Upper
96 100
61 106.4 84.5 126.7
98 59.0 50.5 75.7



#22
Diisopropyl ether
Concen: 51.928 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 45 Resp: 155076
Ion Ratio Lower Upper
45 100
43 57.7 41.7 62.5
87 39.1 30.2 45.2
59 13.6 11.0 16.6

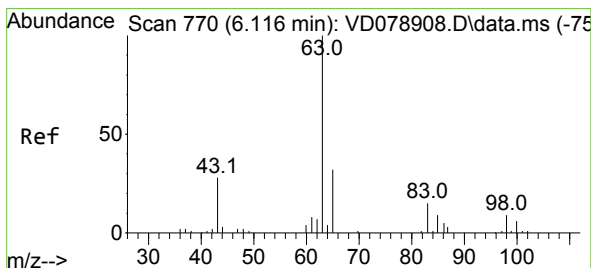
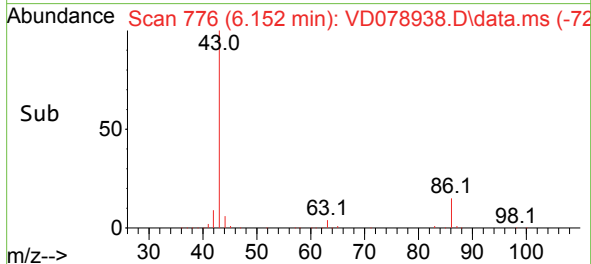
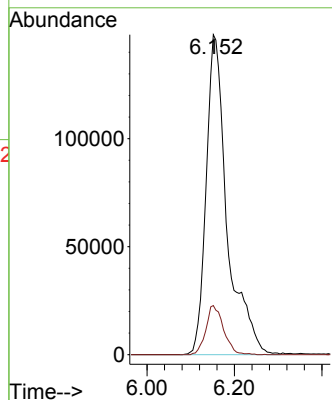
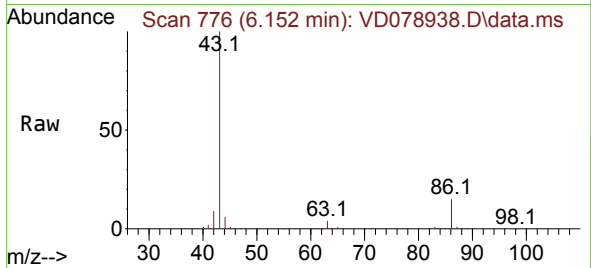




#23
 Vinyl Acetate
 Concen: 276.573 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

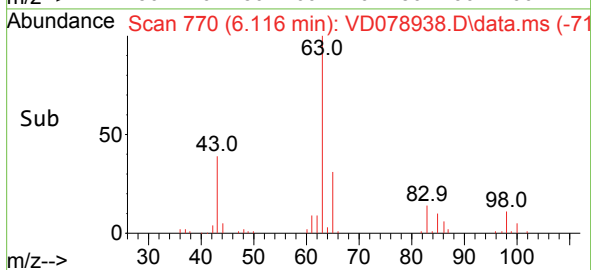
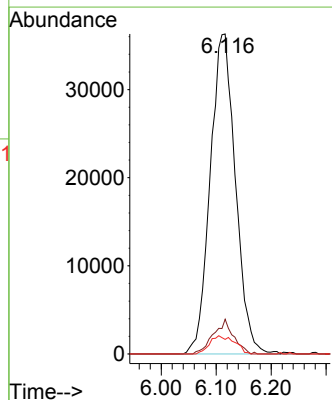
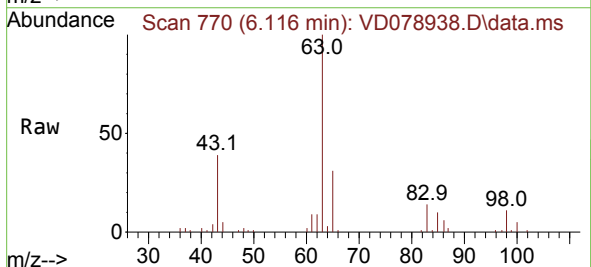
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

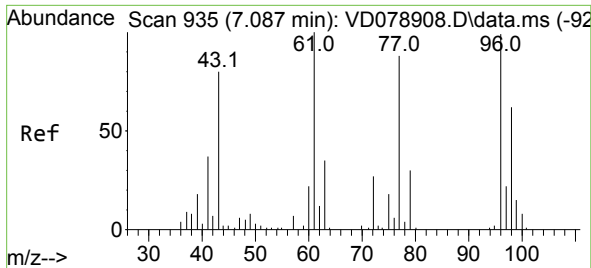
Tgt Ion: 43 Resp: 495401
 Ion Ratio Lower Upper
 43 100
 86 15.3 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 48.885 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

Tgt Ion: 63 Resp: 115731
 Ion Ratio Lower Upper
 63 100
 98 10.8 4.7 14.0
 100 4.5 2.9 8.6

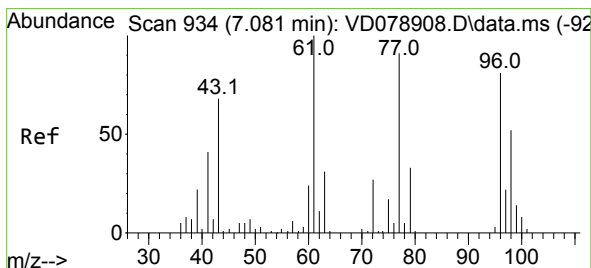
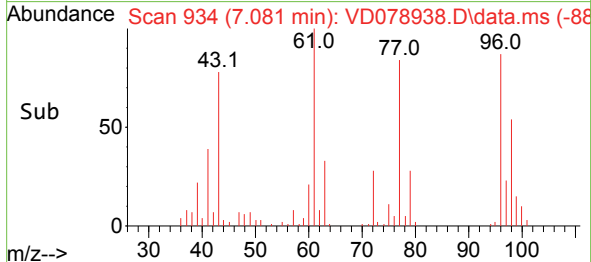
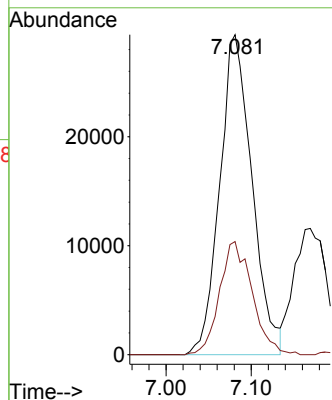
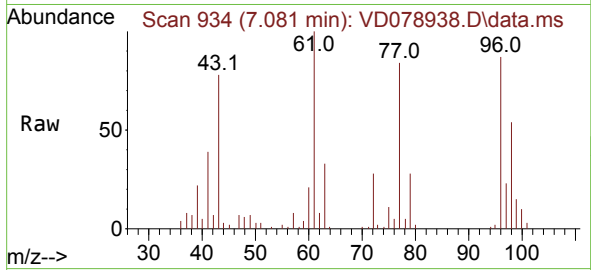




#25
2-Butanone
Concen: 289.311 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

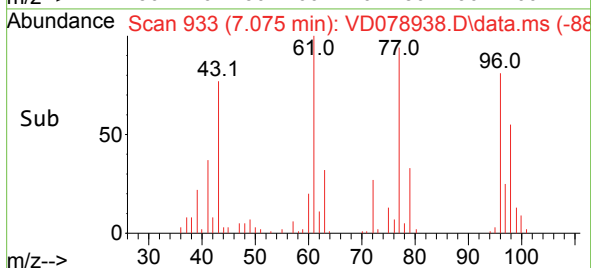
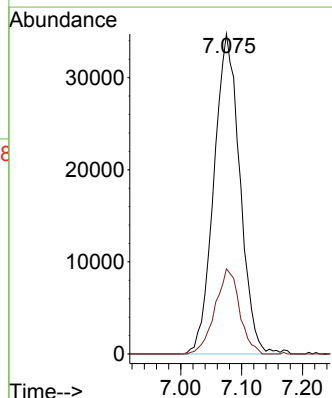
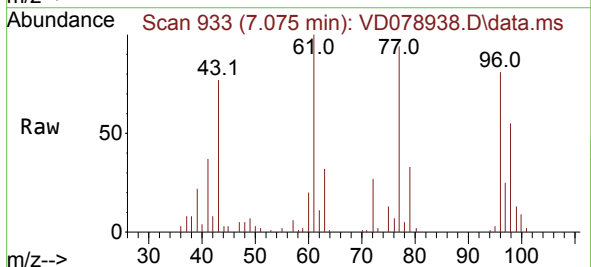
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

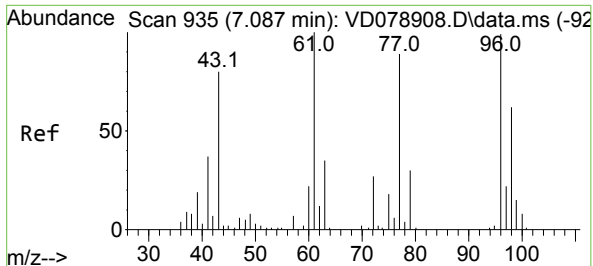
Tgt Ion: 43 Resp: 77356
Ion Ratio Lower Upper
43 100
72 35.3 26.4 39.6



#26
2,2-Dichloropropane
Concen: 49.431 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 77 Resp: 102841
Ion Ratio Lower Upper
77 100
97 25.0 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 48.849 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

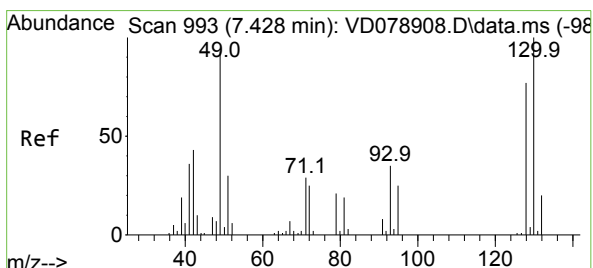
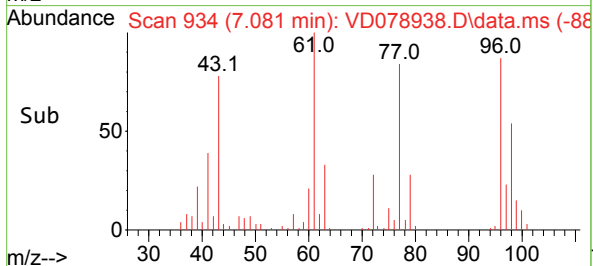
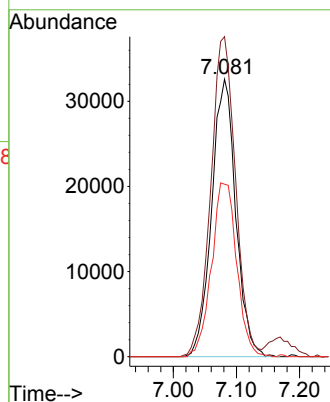
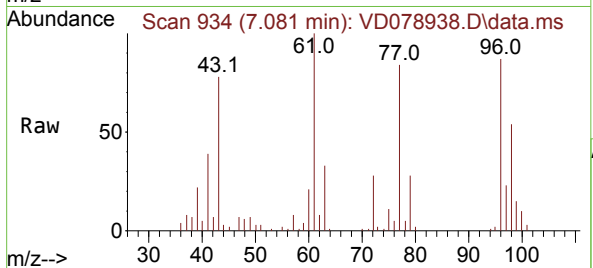
Tgt Ion: 96 Resp: 86513

Ion Ratio Lower Upper

96 100

61 118.9 0.0 229.0

98 65.3 0.0 127.2



#28

Bromochloromethane

Concen: 56.216 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

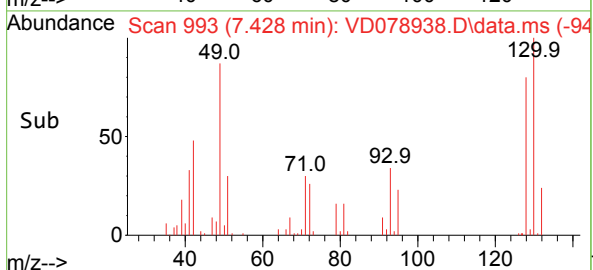
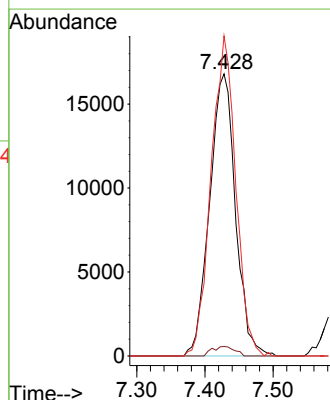
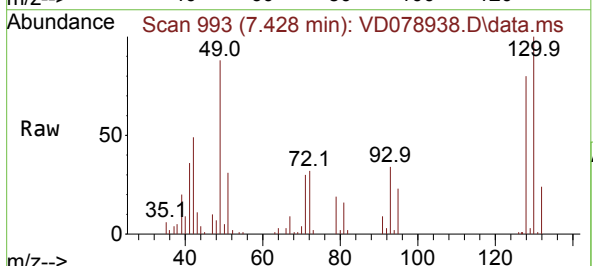
Tgt Ion: 49 Resp: 44384

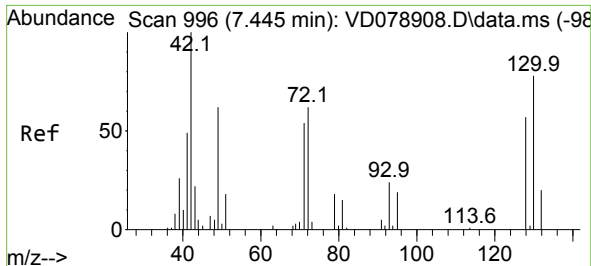
Ion Ratio Lower Upper

49 100

129 2.9 0.0 7.0

130 108.0 87.7 131.5





#29

Tetrahydrofuran

Concen: 286.454 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

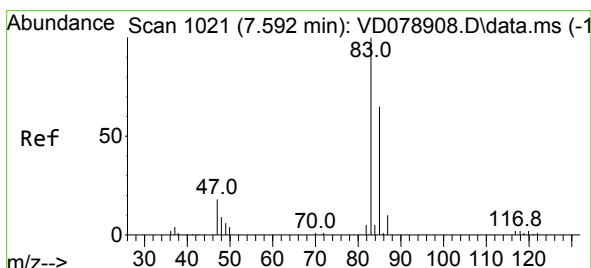
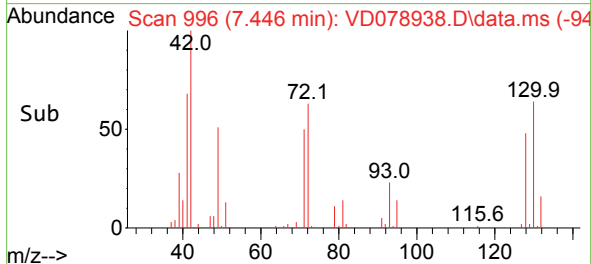
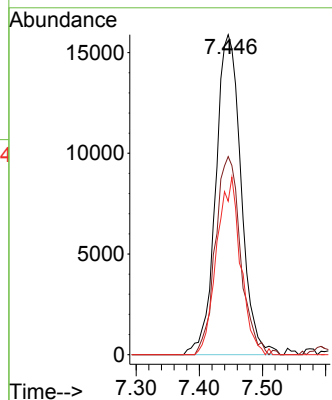
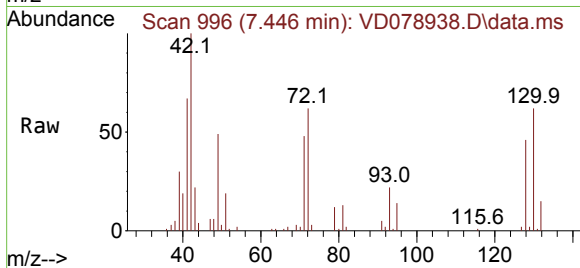
Tgt Ion: 42 Resp: 44301

Ion Ratio Lower Upper

42 100

72 61.2 49.4 74.0

71 52.5 45.0 67.6



#30

Chloroform

Concen: 48.614 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078938.D

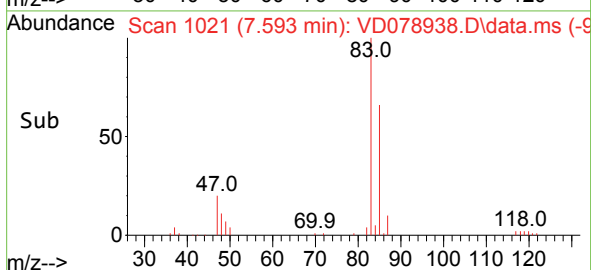
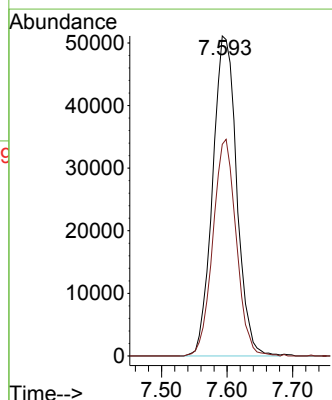
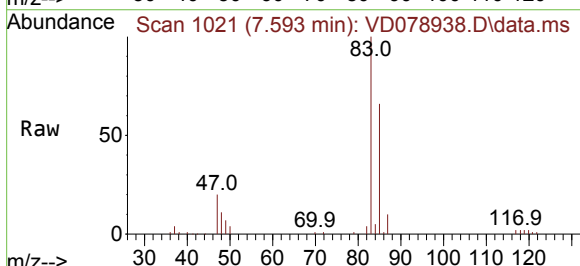
Acq: 16 May 2024 09:57

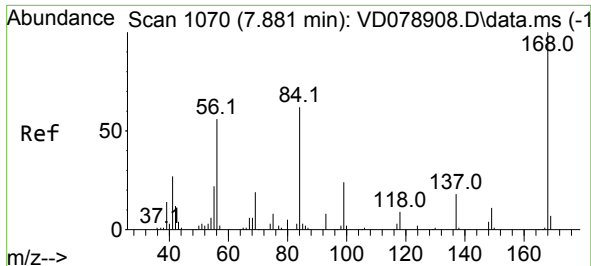
Tgt Ion: 83 Resp: 130355

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

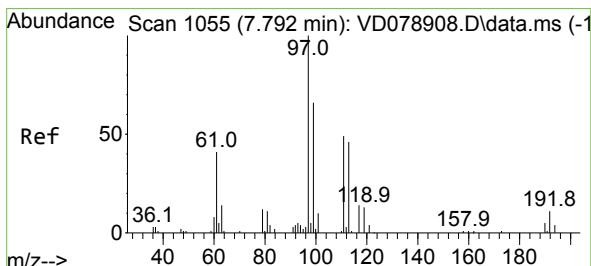
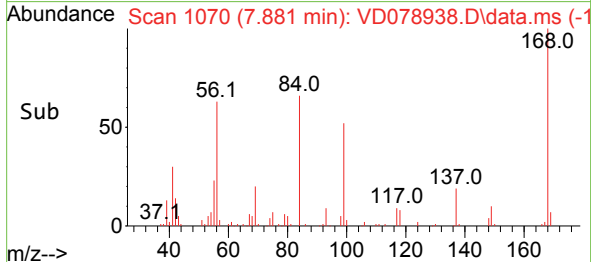
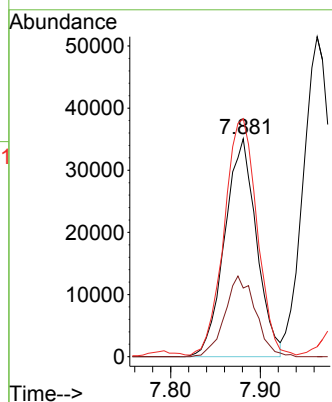
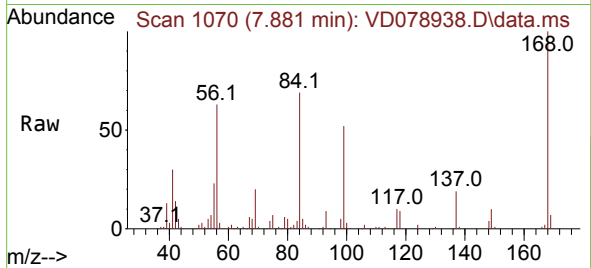




#31
Cyclohexane
Concen: 47.055 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

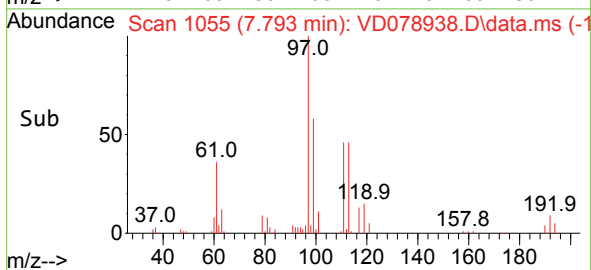
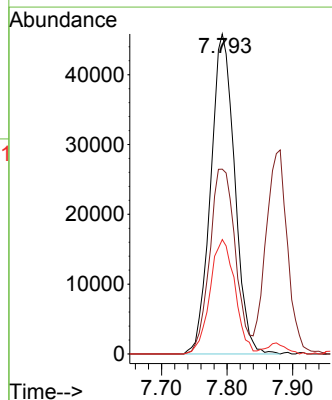
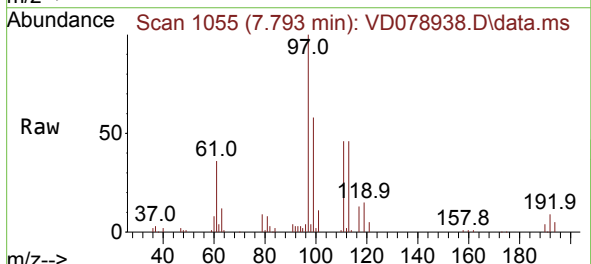
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

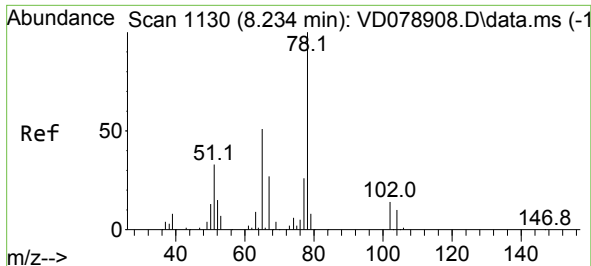
Tgt Ion: 56 Resp: 86196
Ion Ratio Lower Upper
56 100
69 31.5 28.0 42.0
84 107.8 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 50.665 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 97 Resp: 116343
Ion Ratio Lower Upper
97 100
99 62.4 51.3 76.9
61 37.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.588 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

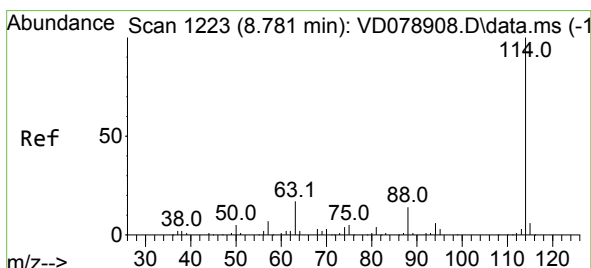
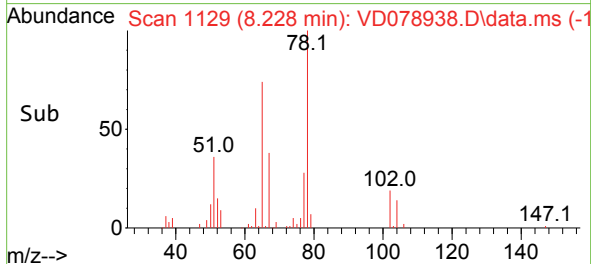
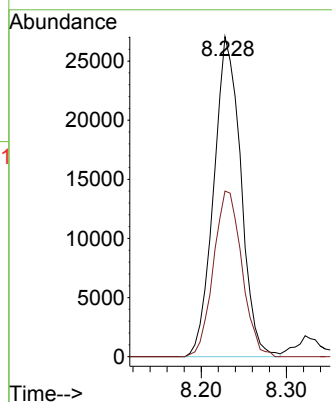
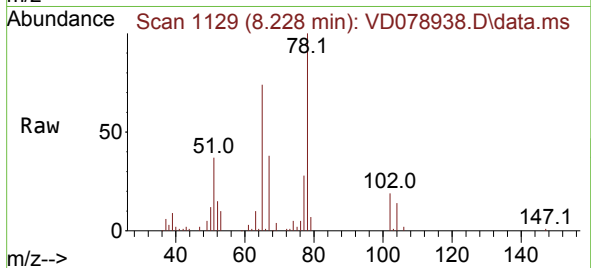
VSTDCCC050

Tgt Ion: 65 Resp: 59667

Ion Ratio Lower Upper

65 100

67 54.3 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: VD078938.D

Acq: 16 May 2024 09:57

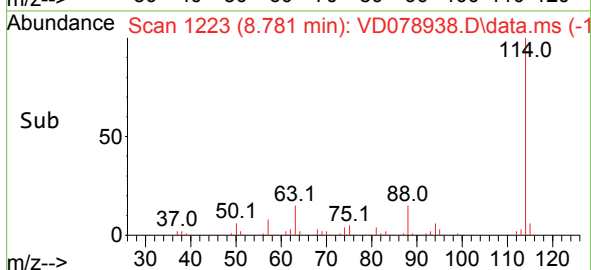
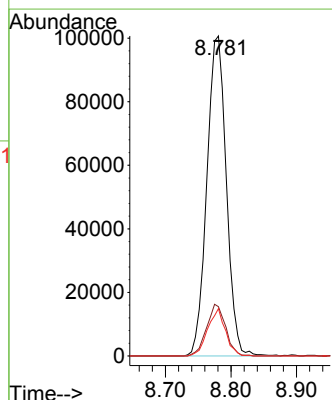
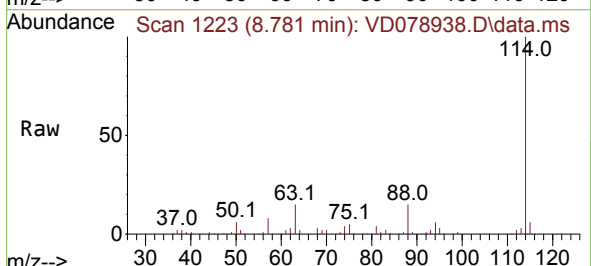
Tgt Ion: 114 Resp: 207968

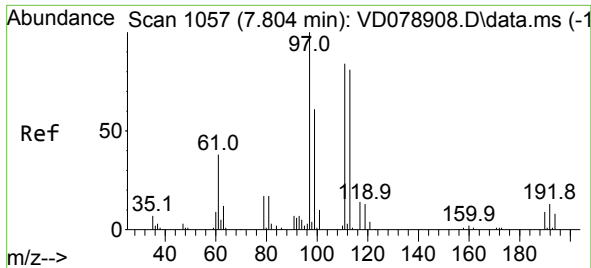
Ion Ratio Lower Upper

114 100

63 15.4 0.0 34.0

88 14.8 0.0 27.2

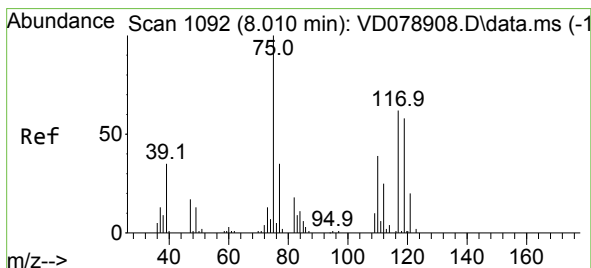
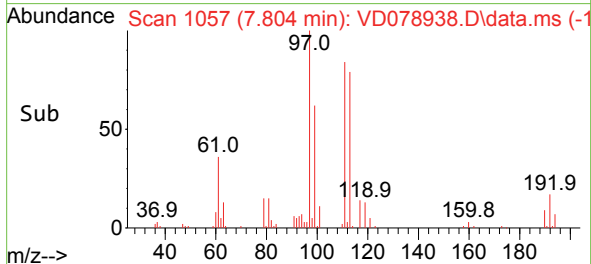
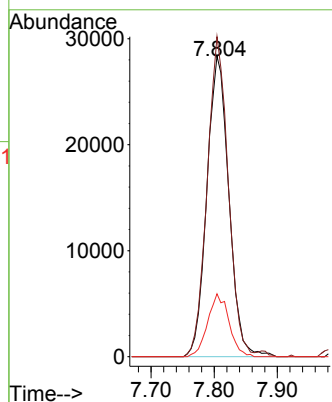
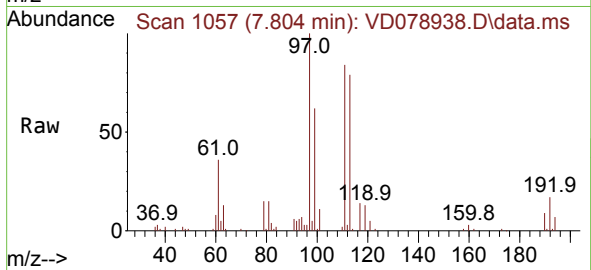




#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

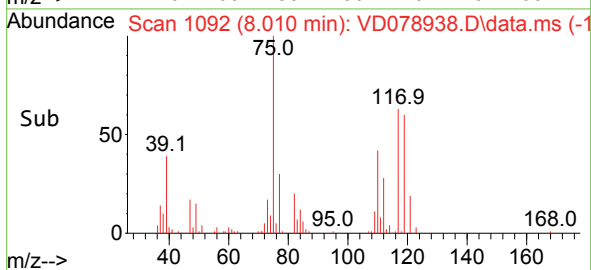
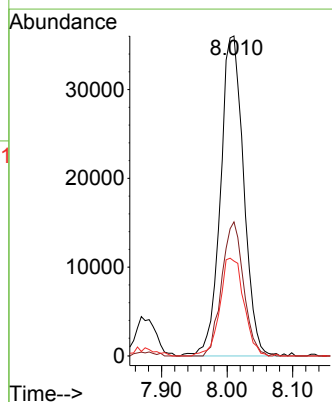
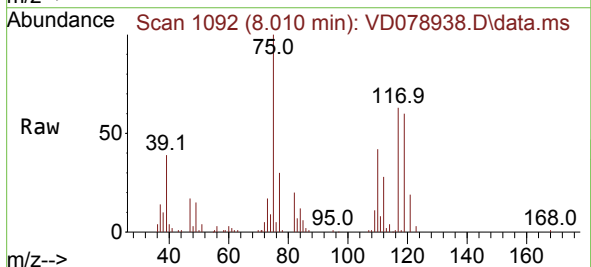
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

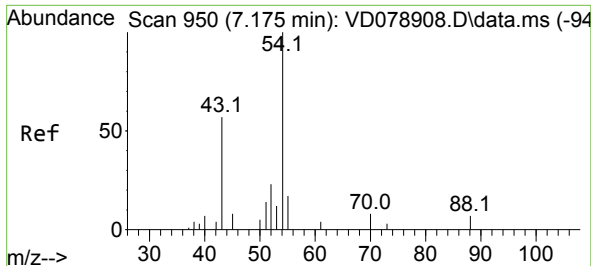
Tgt Ion:113 Resp: 68582
Ion Ratio Lower Upper
113 100
111 102.1 84.0 126.0
192 20.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 51.203 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 75 Resp: 88209
Ion Ratio Lower Upper
75 100
110 39.6 19.6 58.7
77 31.7 26.1 39.1





#37

Ethyl Acetate

Concen: 56.985 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

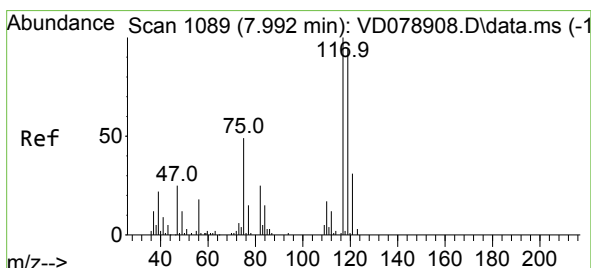
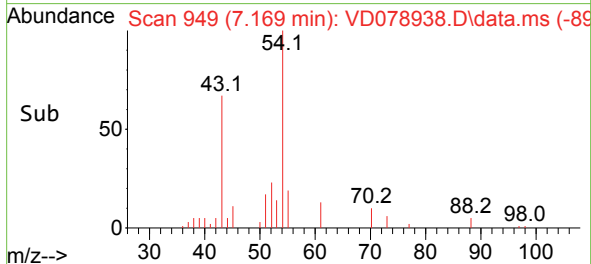
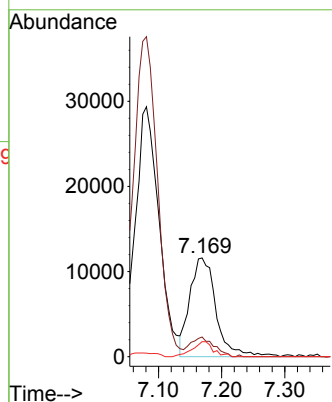
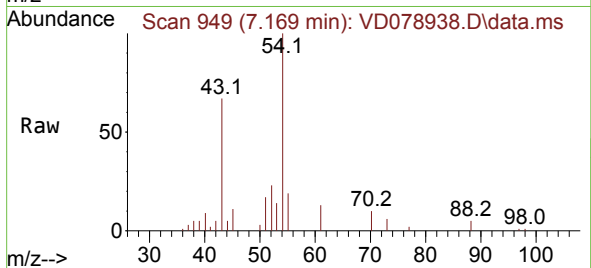
Tgt Ion: 43 Resp: 33456

Ion Ratio Lower Upper

43 100

61 17.6 13.9 20.9

70 12.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 52.315 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

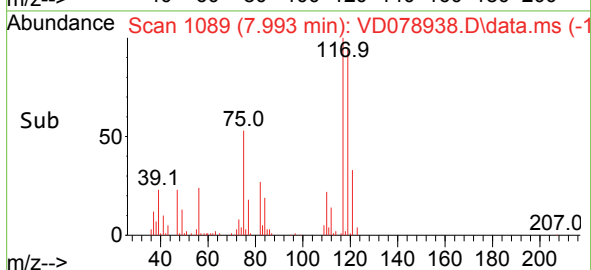
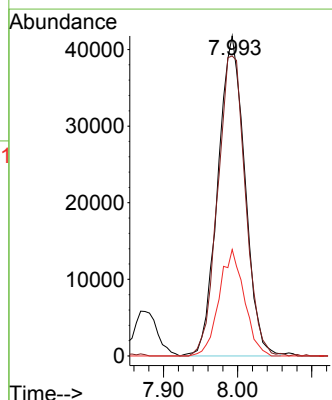
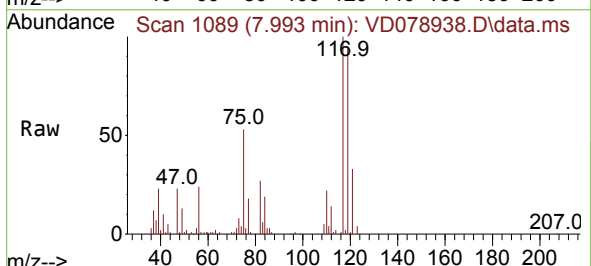
Tgt Ion: 117 Resp: 105469

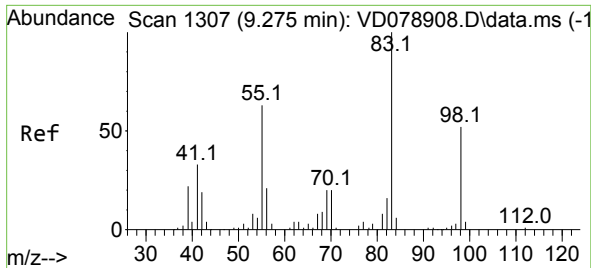
Ion Ratio Lower Upper

117 100

119 93.8 75.4 113.0

121 33.3 25.0 37.4

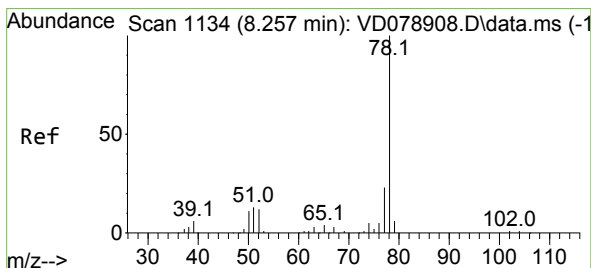
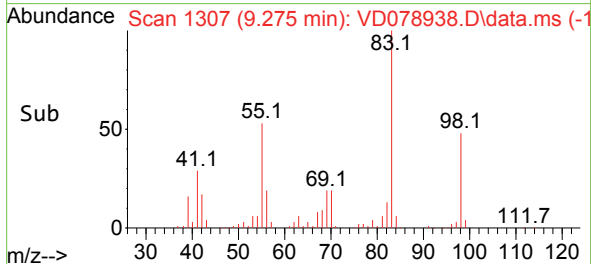
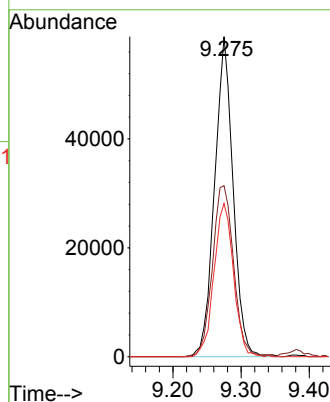
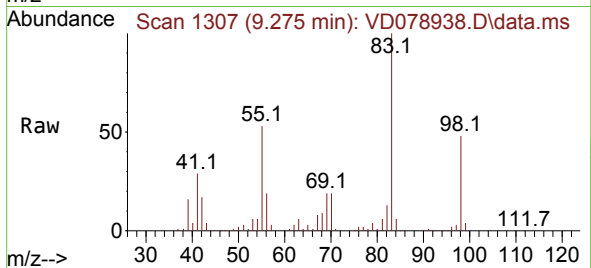




#39
Methylcyclohexane
Concen: 53.101 ug/l
RT: 9.275 min Scan# 111149
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

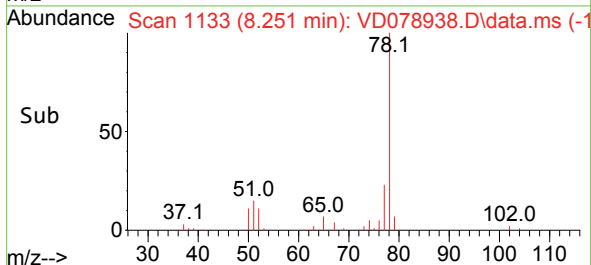
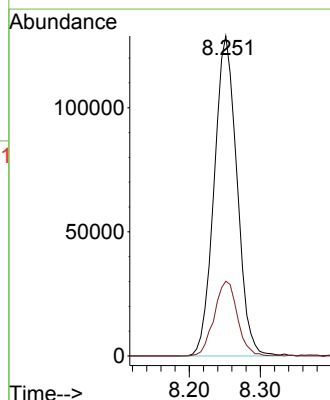
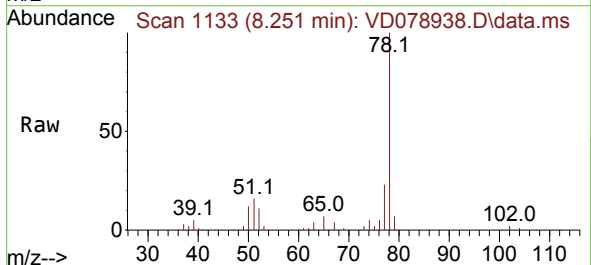
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

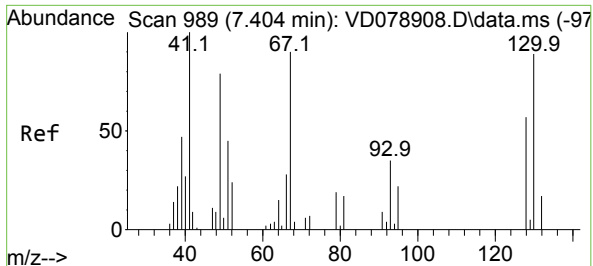
Tgt Ion: 83 Resp: 111149
Ion Ratio Lower Upper
83 100
55 53.4 50.1 75.1
98 47.9 41.9 62.9



#40
Benzene
Concen: 51.442 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 78 Resp: 286633
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1

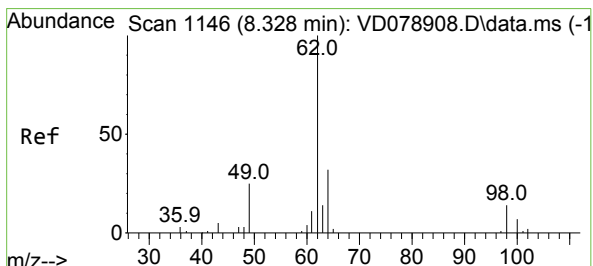
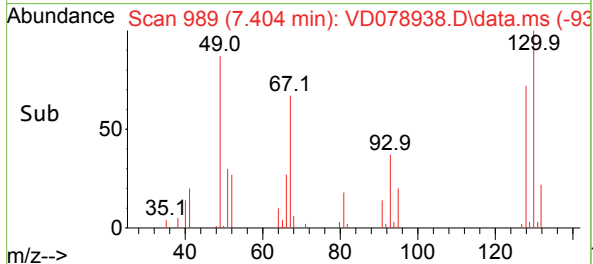
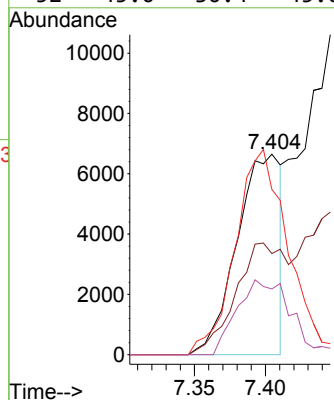
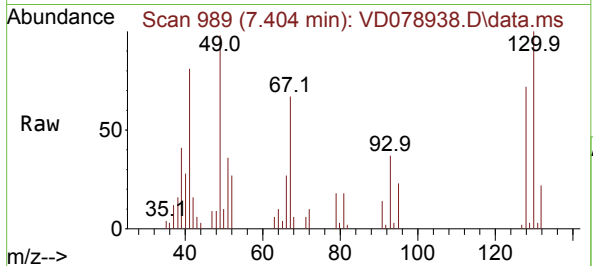




#41
Methacrylonitrile
Concen: 45.535 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

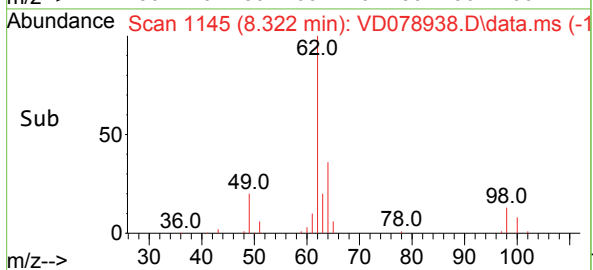
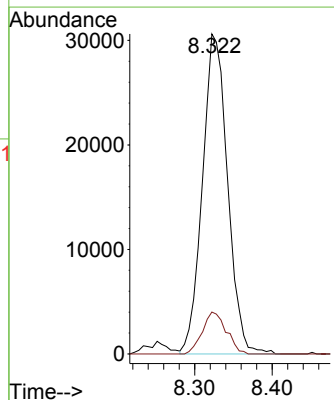
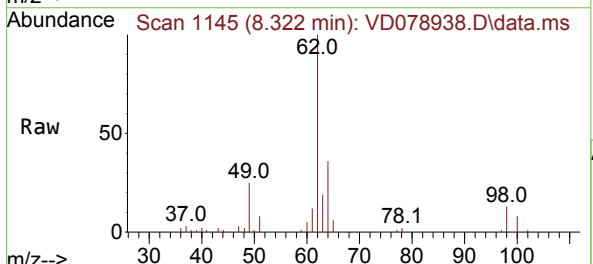
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

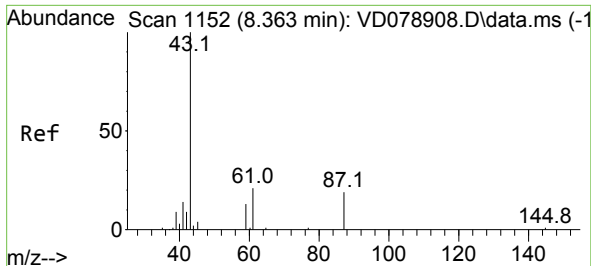
Tgt Ion: 41 Resp: 14385
Ion Ratio Lower Upper
41 100
39 63.6 41.4 62.0#
67 121.5 85.8 128.6
52 45.0 30.4 45.6



#42
1,2-Dichloroethane
Concen: 51.176 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 62 Resp: 69020
Ion Ratio Lower Upper
62 100
98 12.5 0.0 25.8

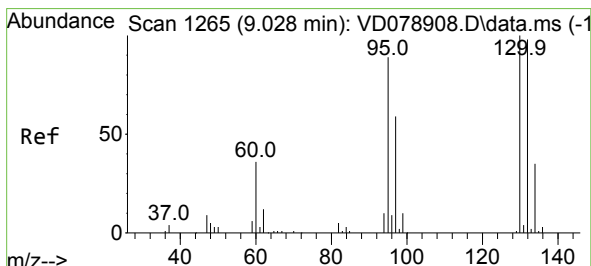
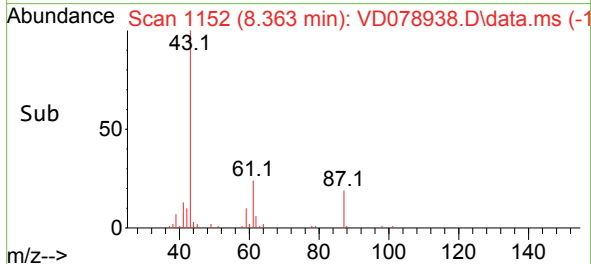
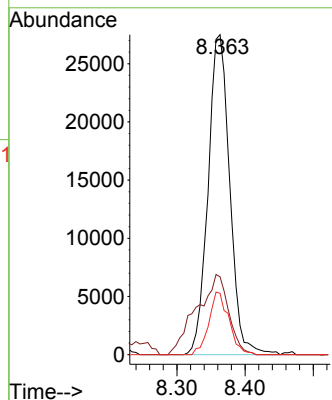
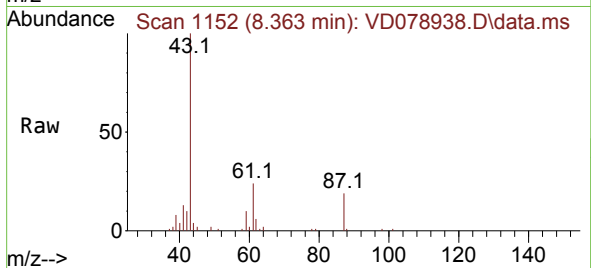




#43
Isopropyl Acetate
Concen: 58.329 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

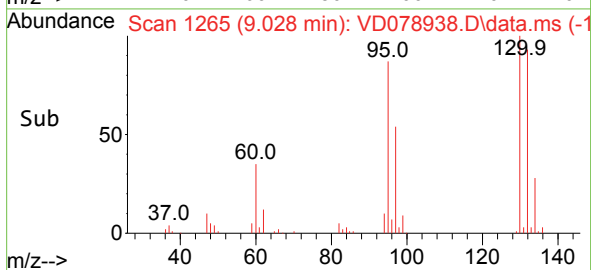
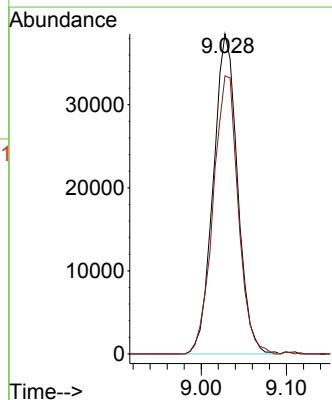
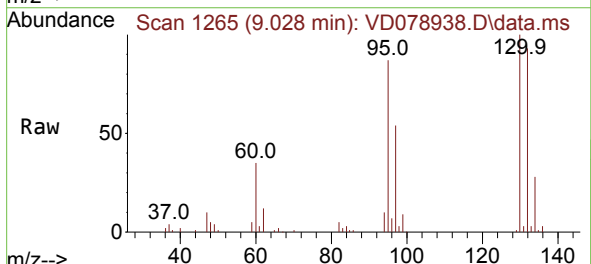
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

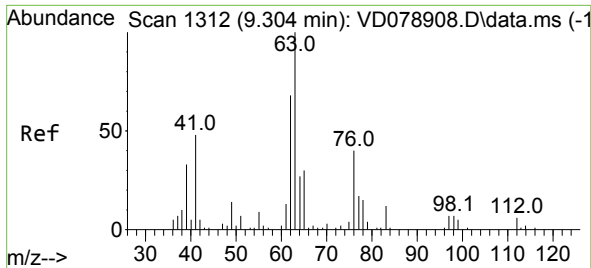
Tgt Ion: 43 Resp: 60763
Ion Ratio Lower Upper
43 100
61 36.8 29.3 43.9
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 51.476 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:130 Resp: 76078
Ion Ratio Lower Upper
130 100
95 86.9 0.0 177.8

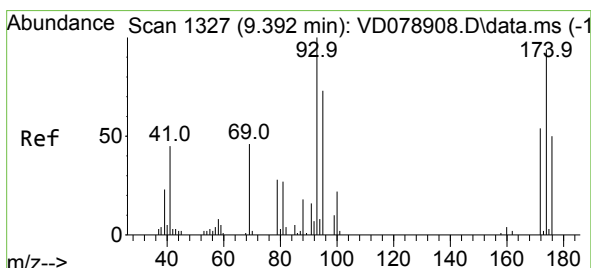
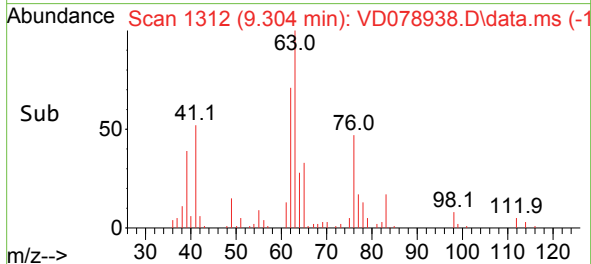
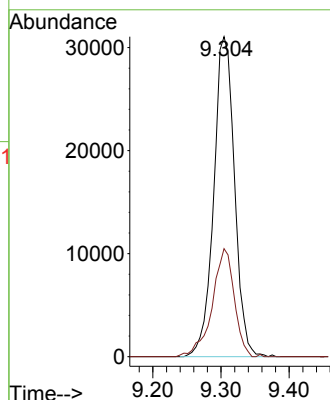
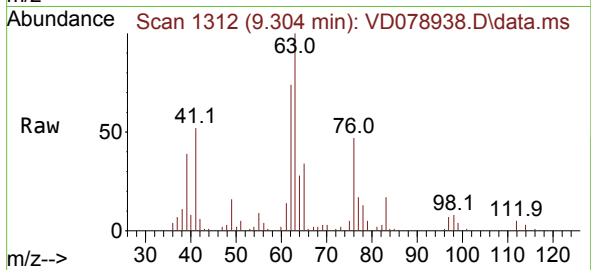




#45
1,2-Dichloropropane
Concen: 53.849 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

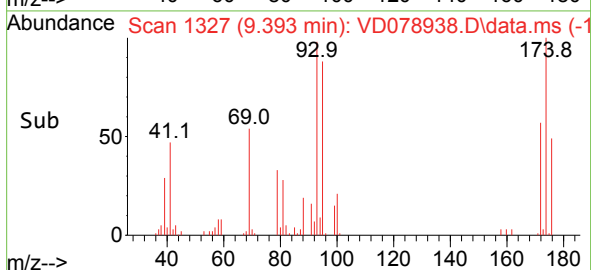
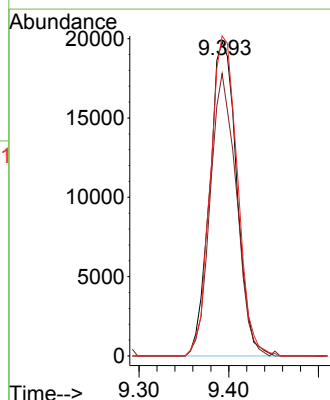
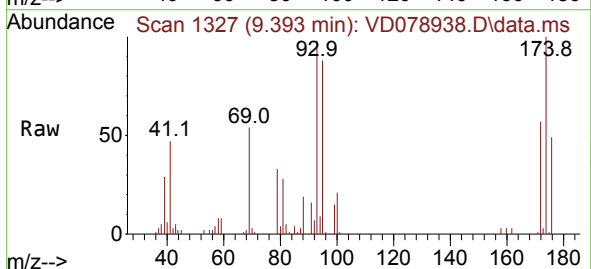
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

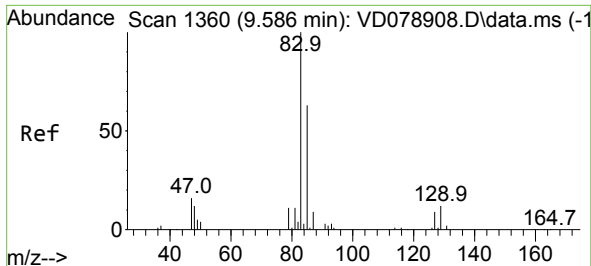
Tgt Ion: 63 Resp: 65934
Ion Ratio Lower Upper
63 100
65 33.8 23.8 35.8



#46
Dibromomethane
Concen: 51.284 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 93 Resp: 41338
Ion Ratio Lower Upper
93 100
95 86.8 65.6 98.4
174 102.2 82.3 123.5





#47

Bromodichloromethane

Concen: 51.991 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078938.D

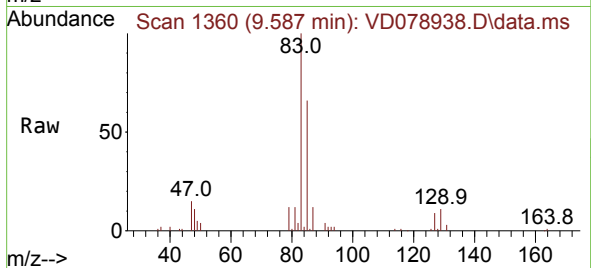
Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



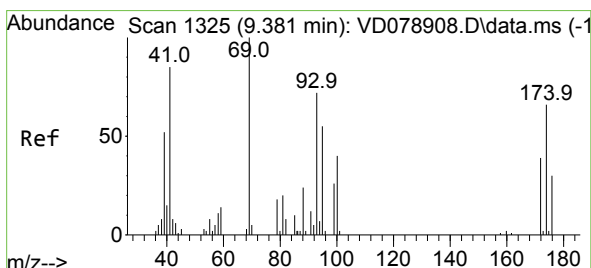
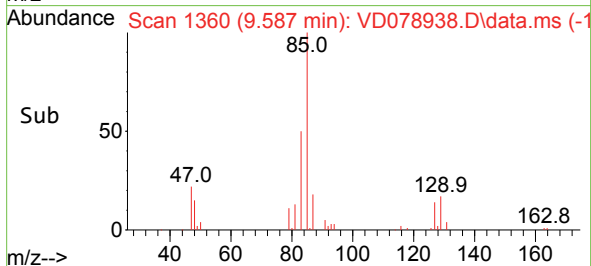
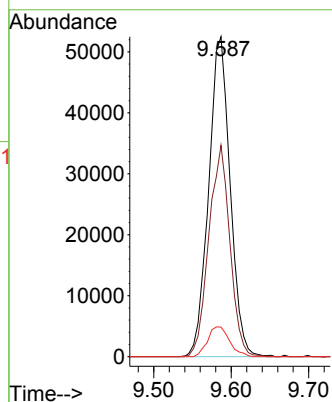
Tgt Ion: 83 Resp: 100878

Ion Ratio Lower Upper

83 100

85 66.0 50.1 75.1

127 9.2 6.8 10.2



#48

Methyl methacrylate

Concen: 56.229 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

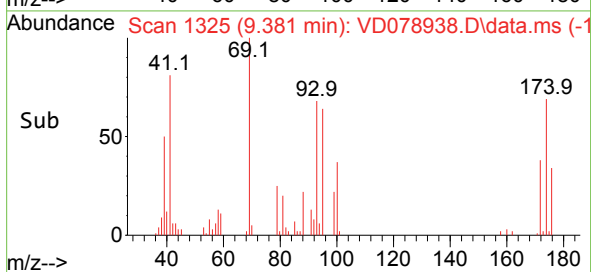
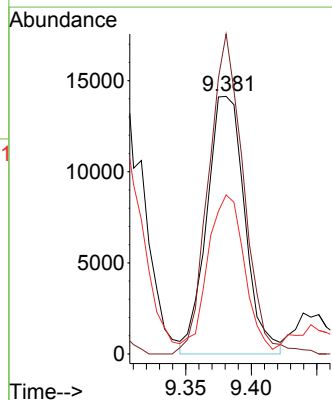
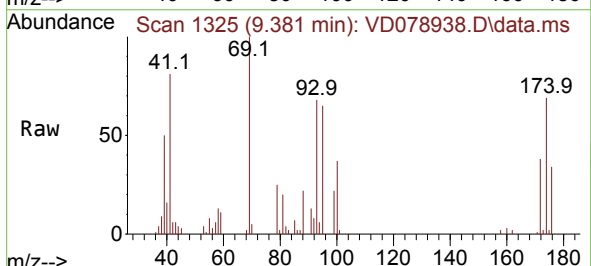
Tgt Ion: 41 Resp: 28515

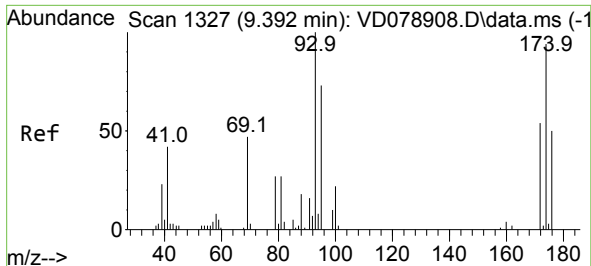
Ion Ratio Lower Upper

41 100

69 114.0 96.7 145.1

39 56.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1349.858 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

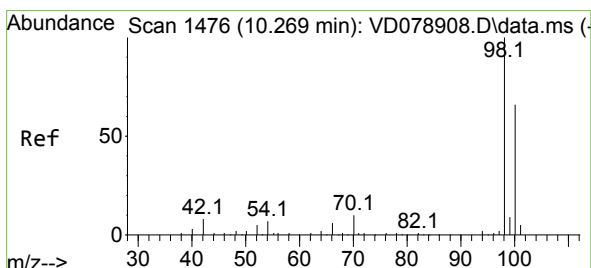
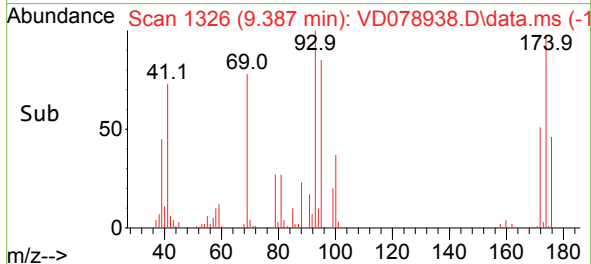
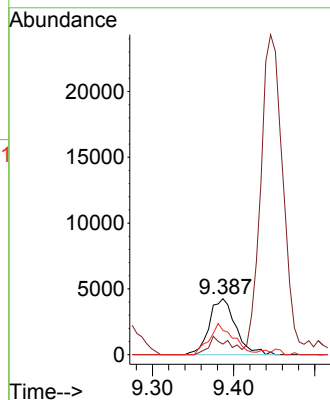
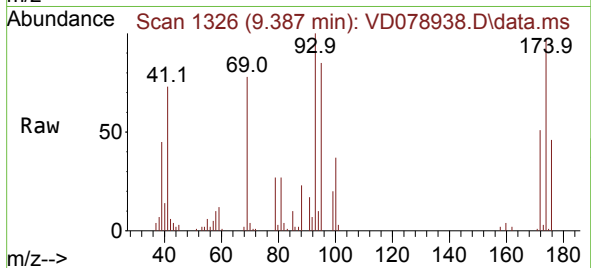
Tgt Ion: 88 Resp: 9571

Ion Ratio Lower Upper

88 100

43 25.7 21.5 32.3

58 50.8 42.2 63.4



#50

Toluene-d8

Concen: 51.239 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078938.D

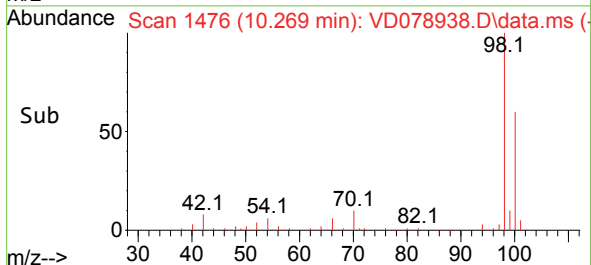
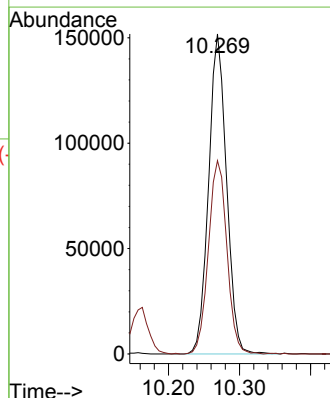
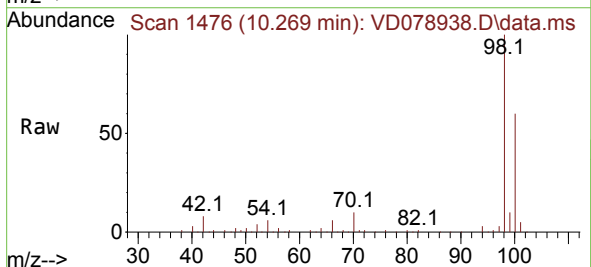
Acq: 16 May 2024 09:57

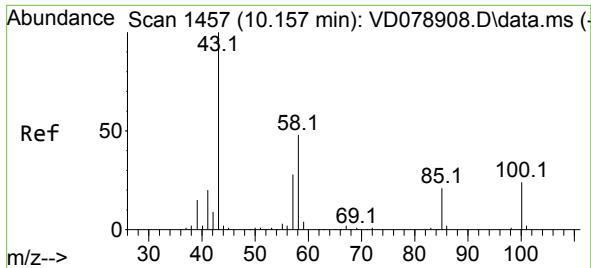
Tgt Ion: 98 Resp: 265919

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 295.721 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

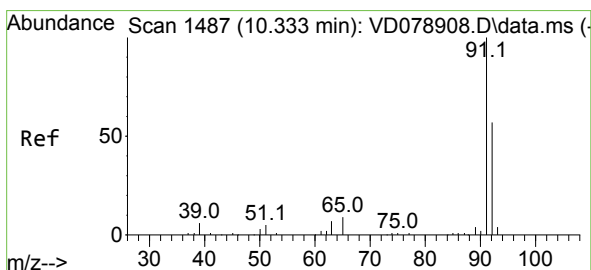
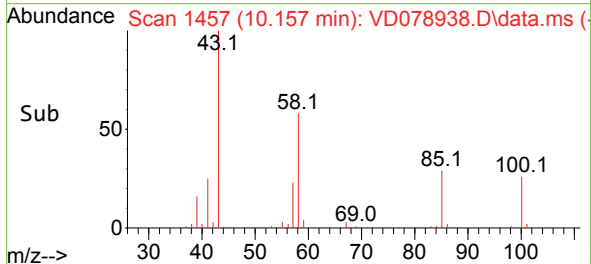
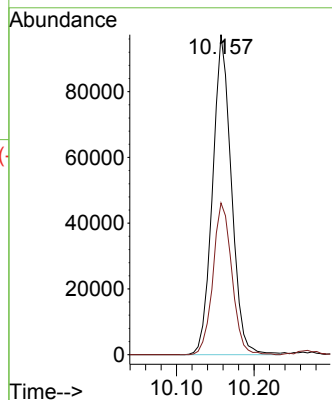
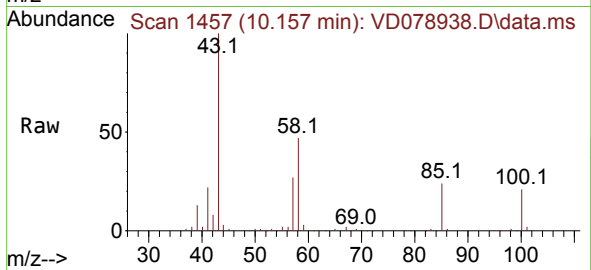
VSTDCCC050

Tgt Ion: 43 Resp: 164084

Ion Ratio Lower Upper

43 100

58 47.7 36.6 55.0



#52

Toluene

Concen: 52.368 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078938.D

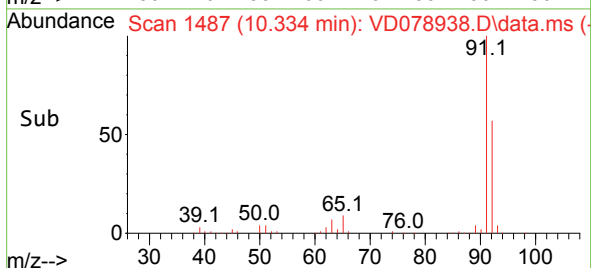
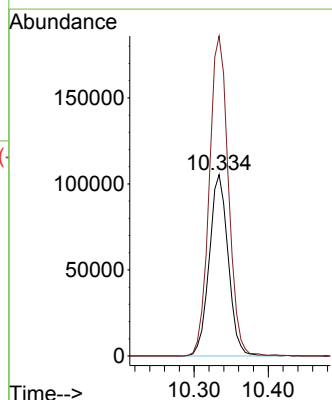
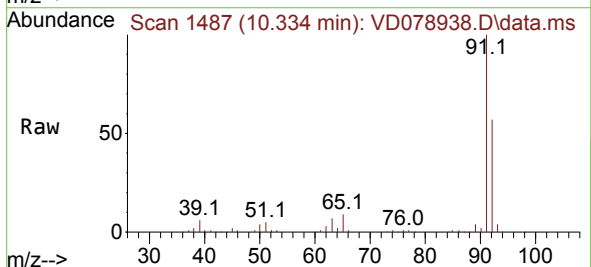
Acq: 16 May 2024 09:57

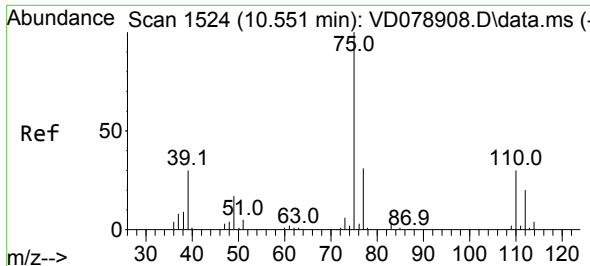
Tgt Ion: 92 Resp: 186781

Ion Ratio Lower Upper

92 100

91 178.2 141.7 212.5

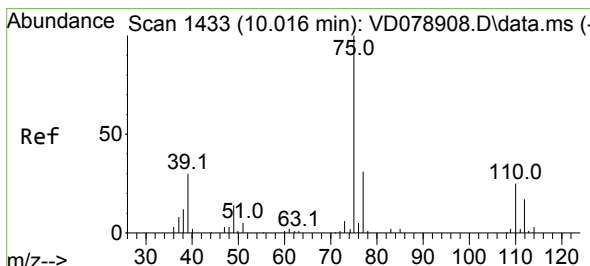
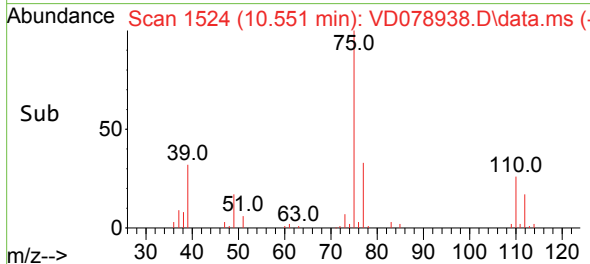
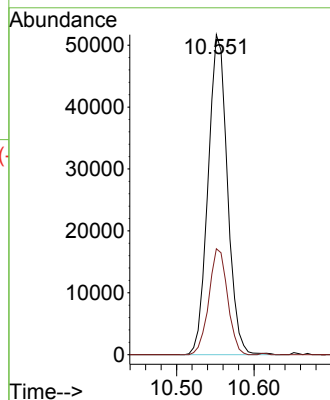
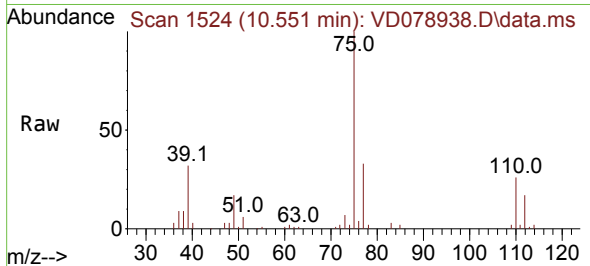




#53
 t-1,3-Dichloropropene
 Concen: 54.423 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

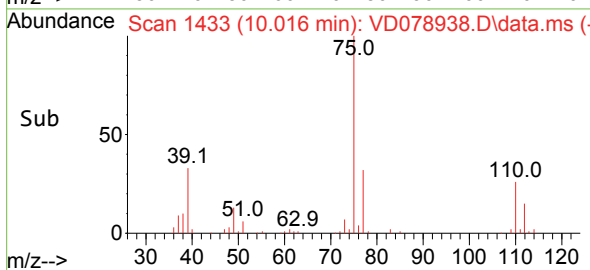
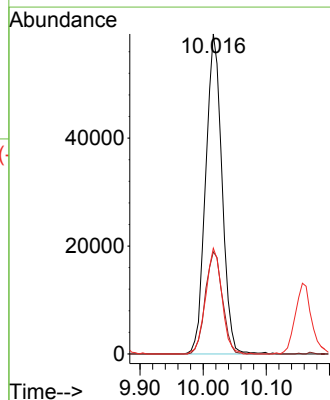
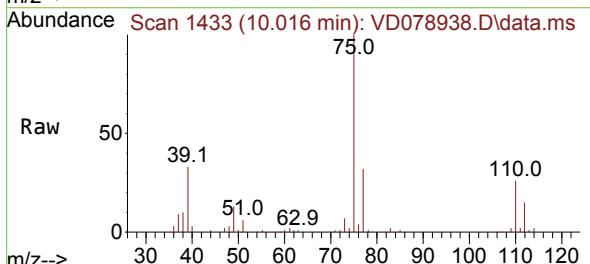
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

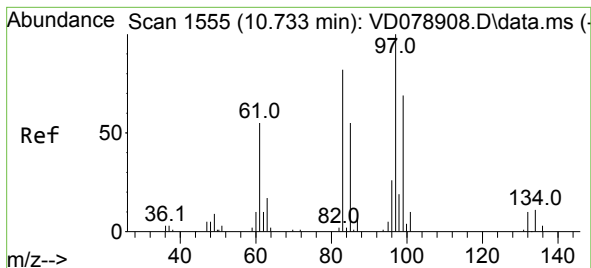
Tgt Ion: 75 Resp: 89732
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.834 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

Tgt Ion: 75 Resp: 106537
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 33.1 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 55.079 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 57358

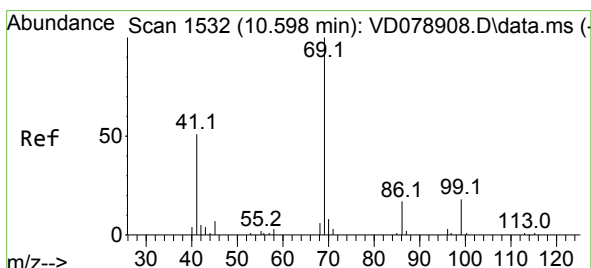
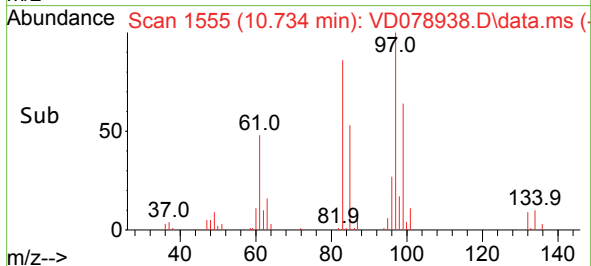
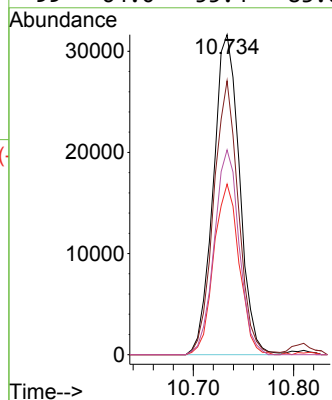
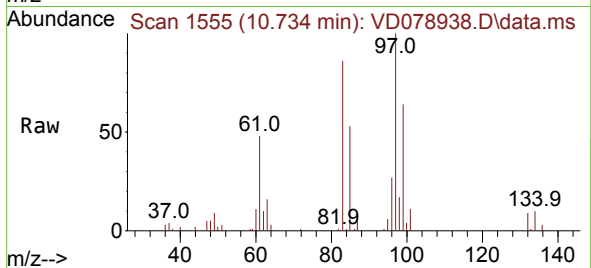
Ion Ratio Lower Upper

97 100

83 85.6 65.8 98.8

85 53.3 43.8 65.8

99 64.0 55.4 83.0



#56

Ethyl methacrylate

Concen: 59.464 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

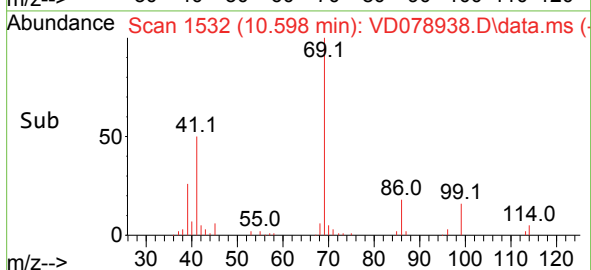
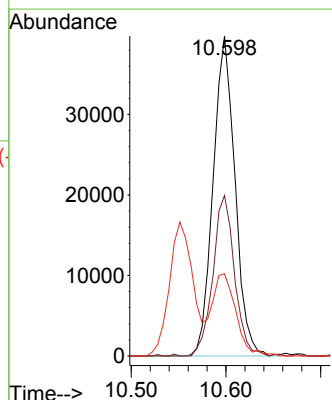
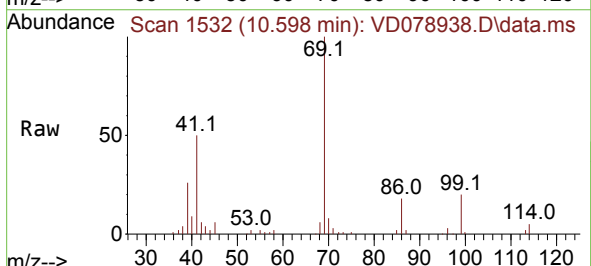
Tgt Ion: 69 Resp: 63711

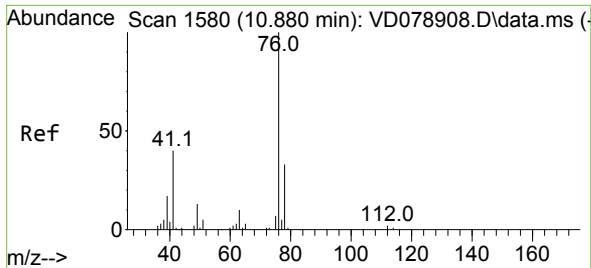
Ion Ratio Lower Upper

69 100

41 49.5 39.8 59.6

39 28.7 20.2 30.4





#57

1,3-Dichloropropane

Concen: 53.987 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

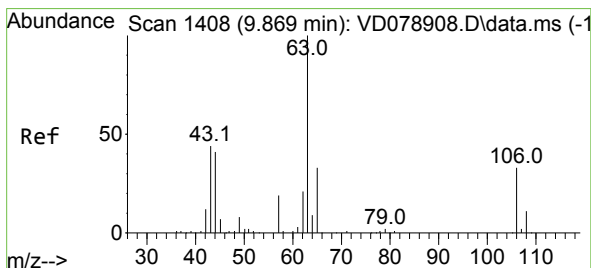
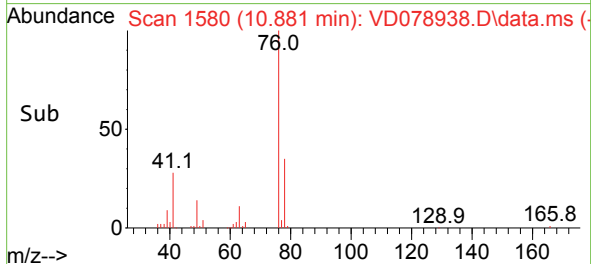
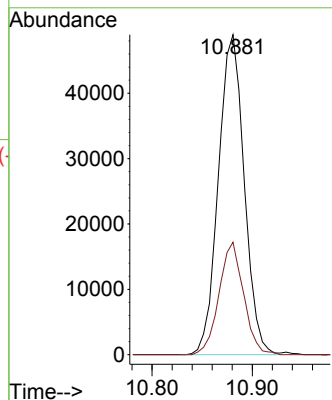
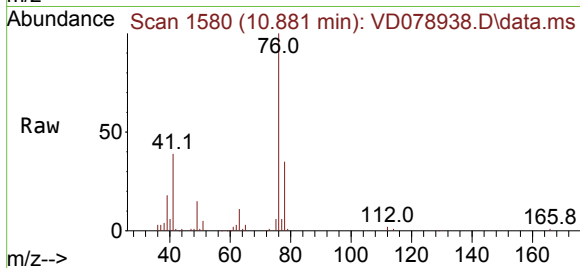
VSTDCCC050

Tgt Ion: 76 Resp: 87544

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 295.322 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078938.D

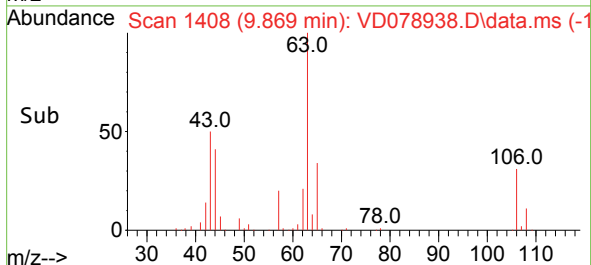
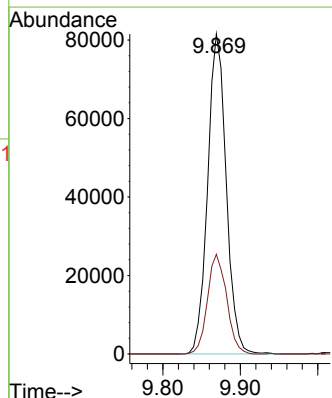
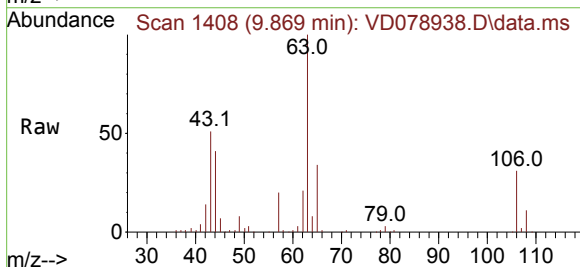
Acq: 16 May 2024 09:57

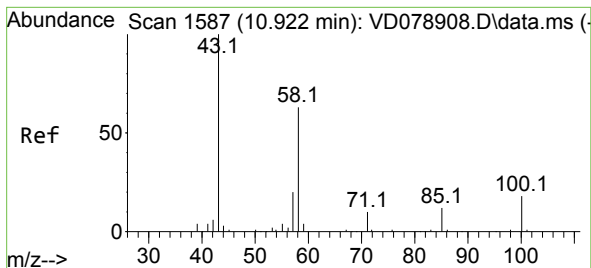
Tgt Ion: 63 Resp: 135954

Ion Ratio Lower Upper

63 100

106 32.2 26.4 39.6





#59

2-Hexanone

Concen: 316.148 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

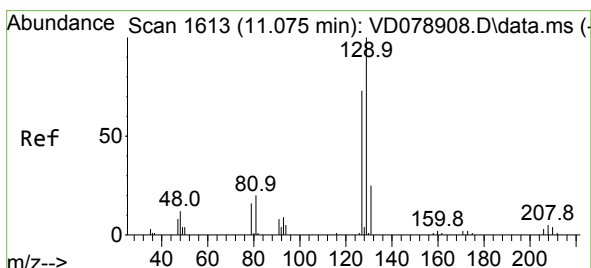
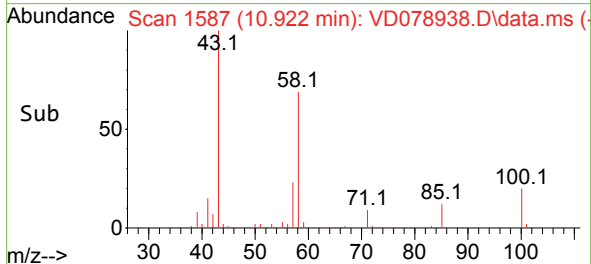
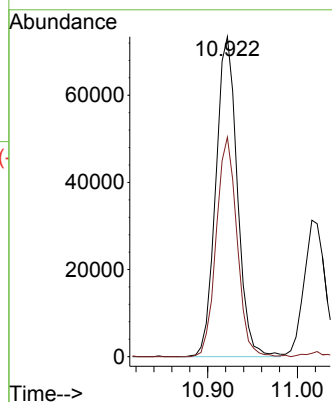
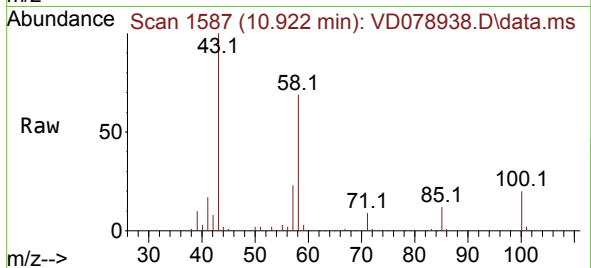
VSTDCCC050

Tgt Ion: 43 Resp: 122099

Ion Ratio Lower Upper

43 100

58 66.2 31.1 93.5



#60

Dibromochloromethane

Concen: 53.709 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078938.D

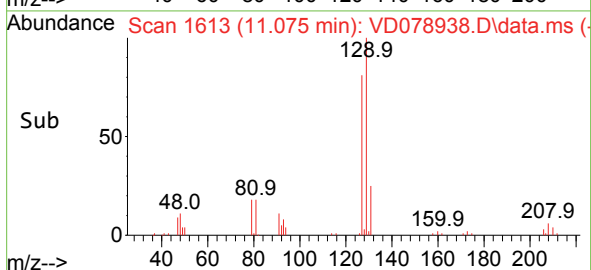
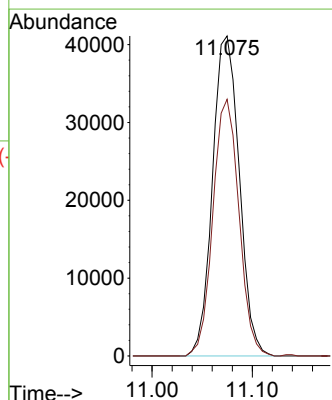
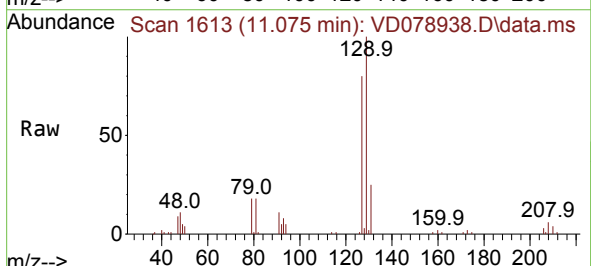
Acq: 16 May 2024 09:57

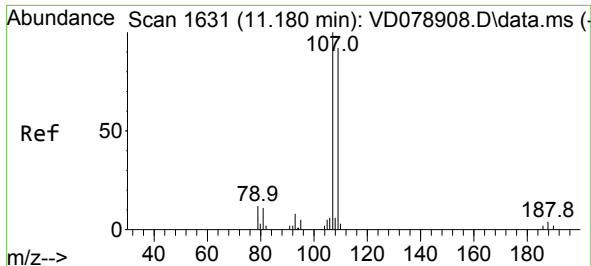
Tgt Ion: 129 Resp: 76247

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9

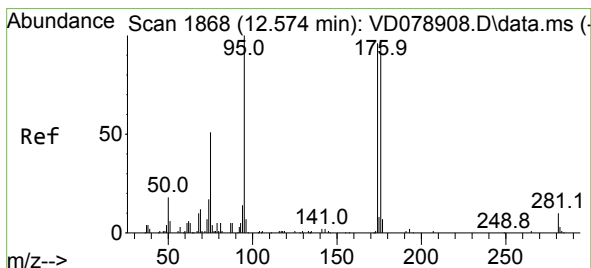
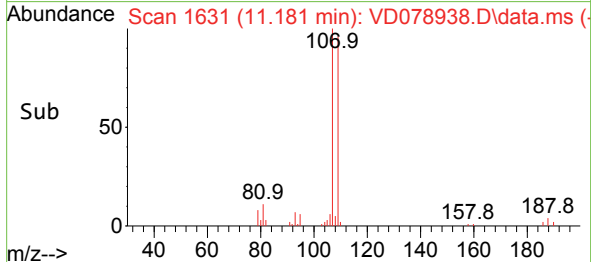
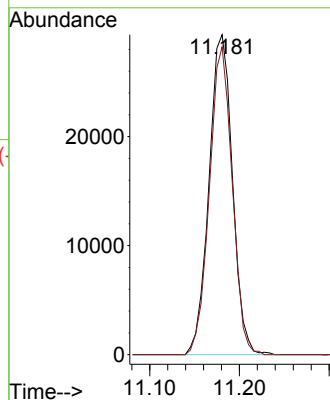
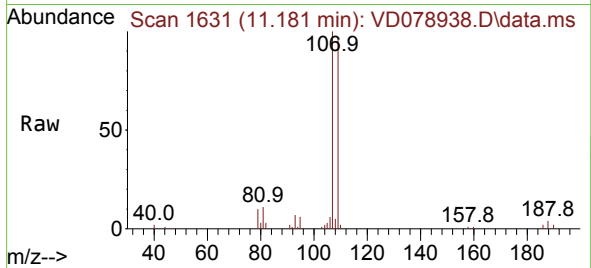




#61
1,2-Dibromoethane
Concen: 56.073 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

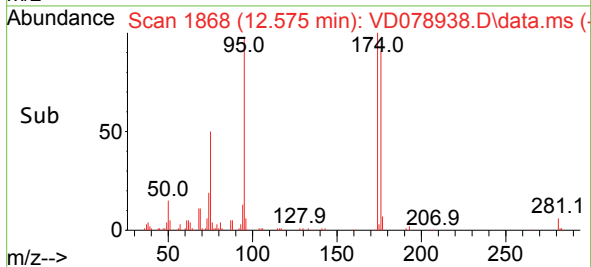
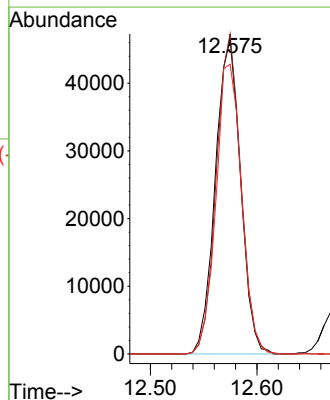
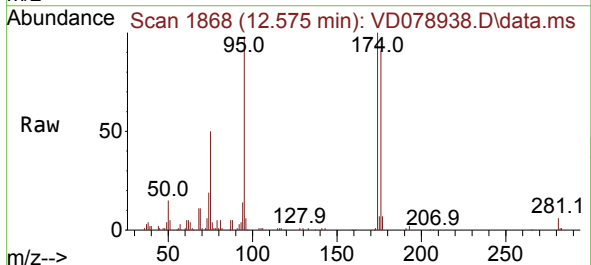
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

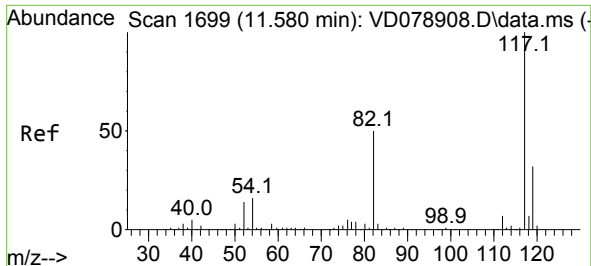
Tgt Ion:107 Resp: 53242
Ion Ratio Lower Upper
107 100
109 93.3 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 52.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 95 Resp: 76157
Ion Ratio Lower Upper
95 100
174 98.7 0.0 195.4
176 93.9 0.0 192.6

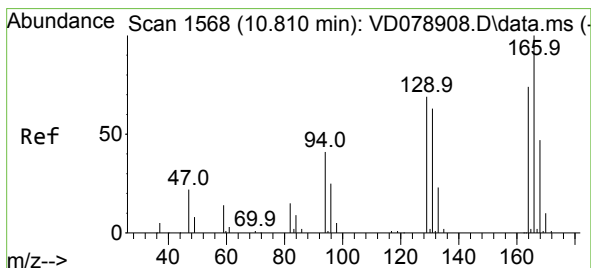
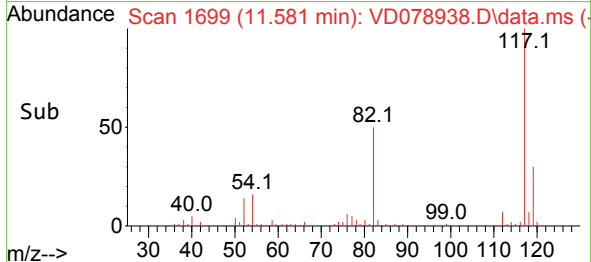
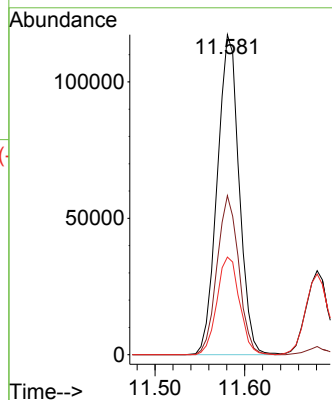
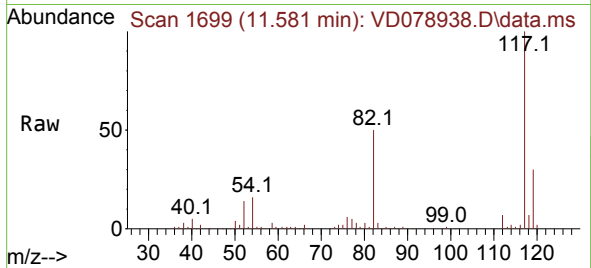




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

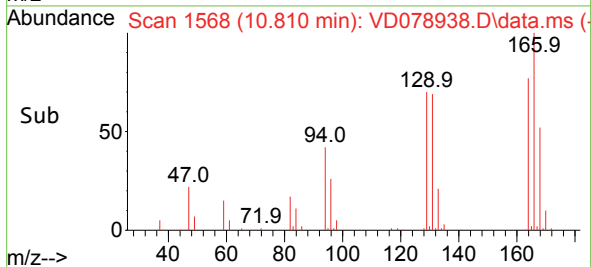
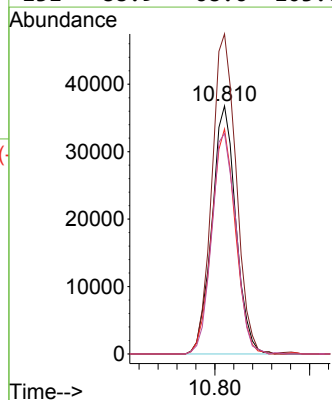
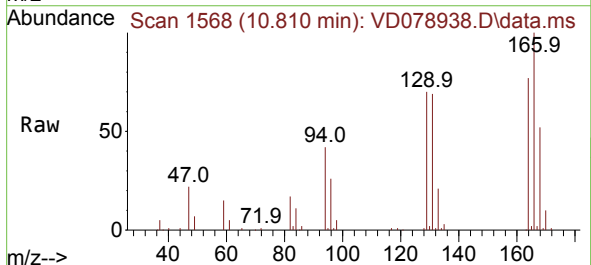
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

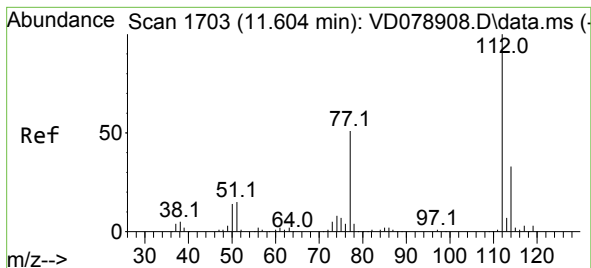
Tgt Ion:117 Resp: 198752
Ion Ratio Lower Upper
117 100
82 49.7 39.8 59.6
119 30.5 25.7 38.5



#64
Tetrachloroethene
Concen: 51.101 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:164 Resp: 64436
Ion Ratio Lower Upper
164 100
166 129.1 108.6 163.0
129 90.7 74.6 112.0
131 88.9 68.6 103.0





#65

Chlorobenzene

Concen: 52.398 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

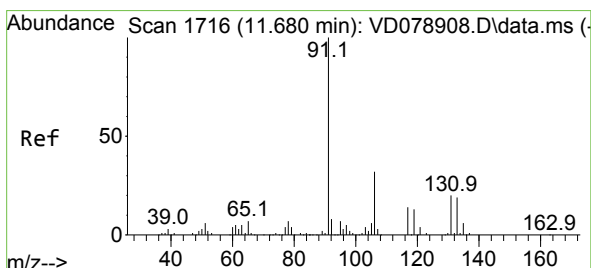
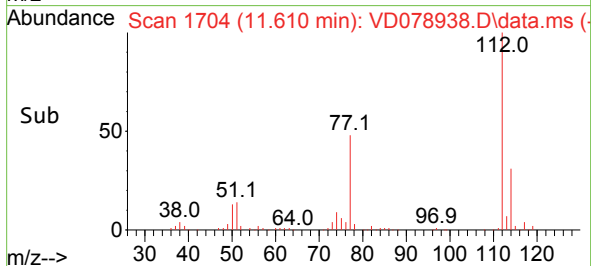
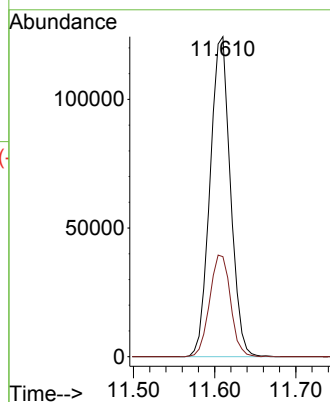
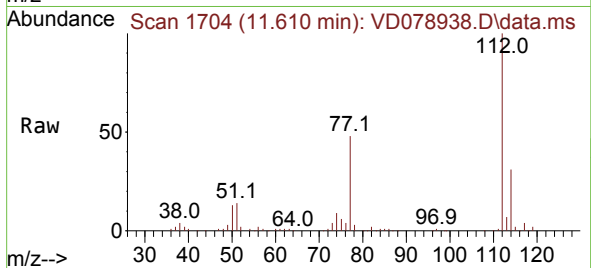
VSTDCCC050

Tgt Ion:112 Resp: 216624

Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 54.668 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

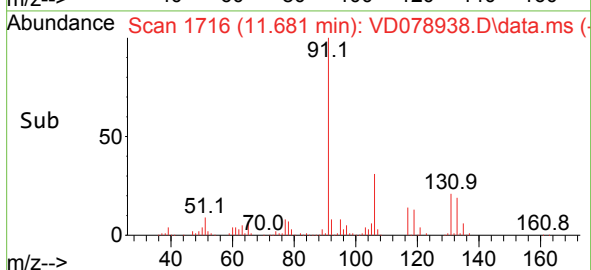
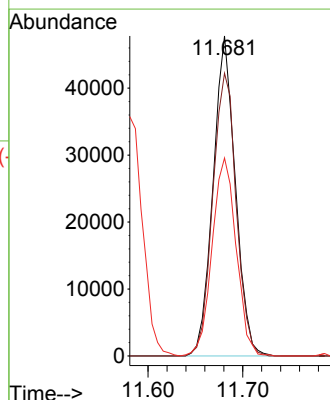
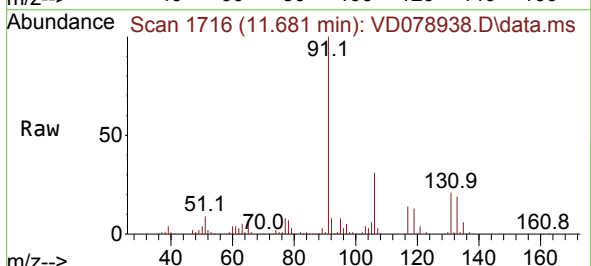
Tgt Ion:131 Resp: 78133

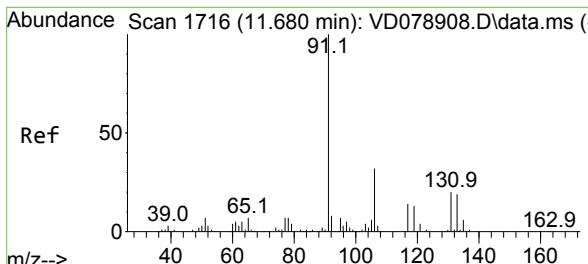
Ion Ratio Lower Upper

131 100

133 93.3 49.2 147.6

119 66.8 33.4 100.2

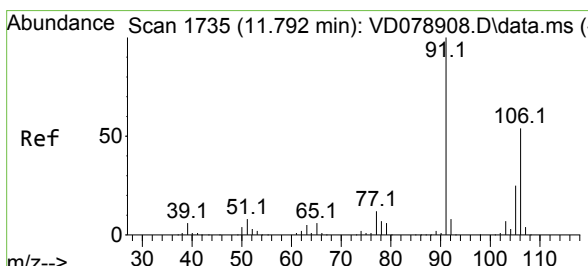
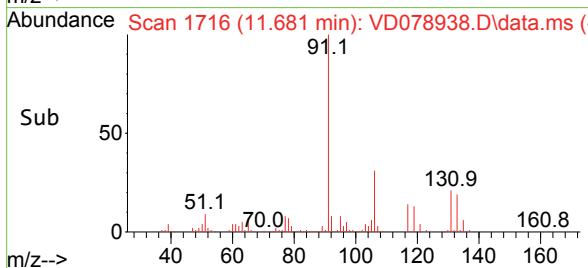
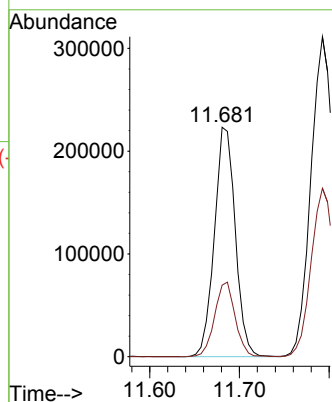
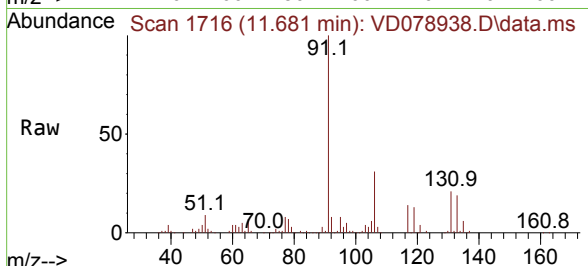




#67
Ethyl Benzene
Concen: 54.281 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

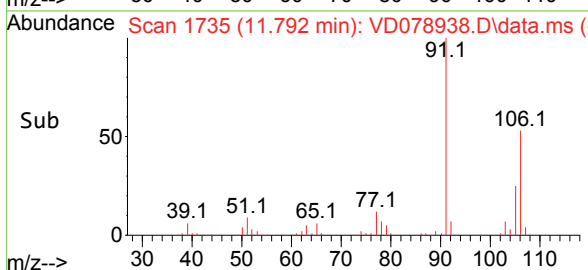
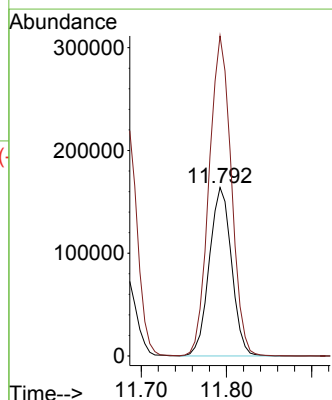
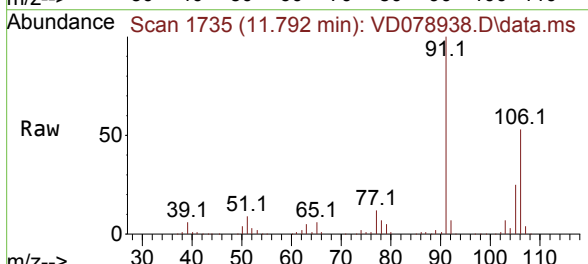
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

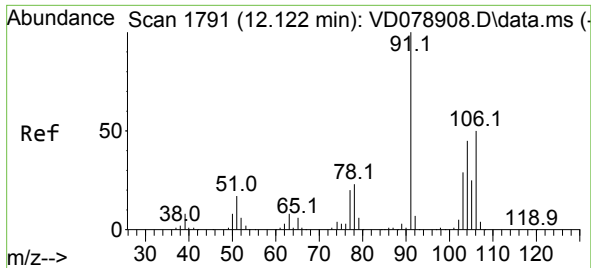
Tgt Ion: 91 Resp: 360952
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6



#68
m/p-Xylenes
Concen: 109.840 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:106 Resp: 296950
Ion Ratio Lower Upper
106 100
91 190.1 148.5 222.7

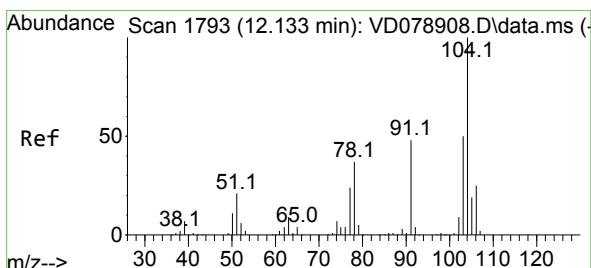
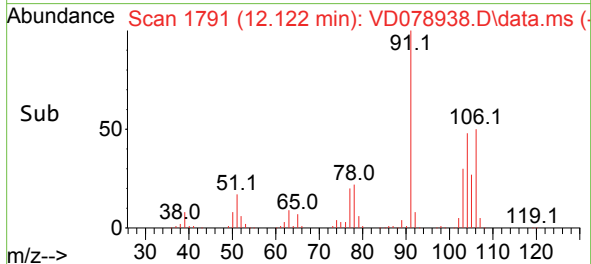
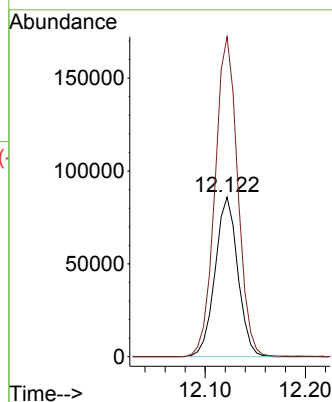
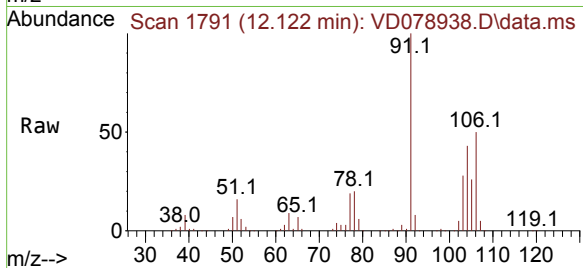




#69
o-Xylene
Concen: 54.719 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

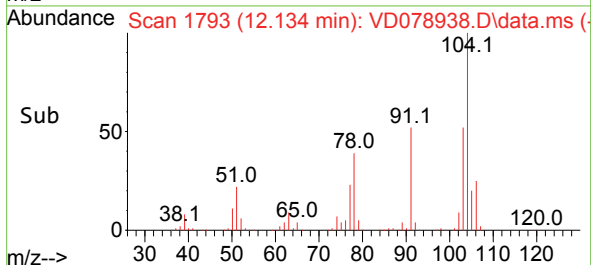
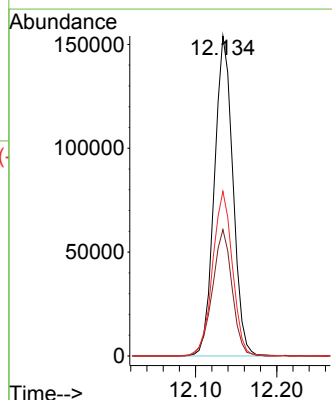
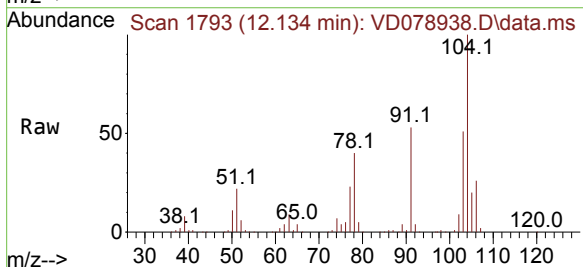
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

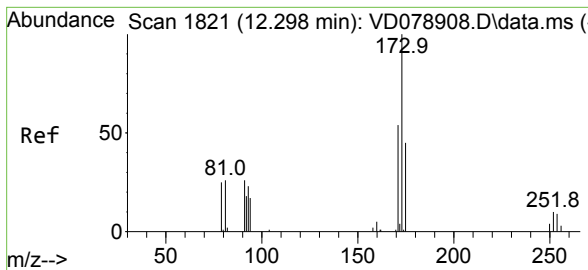
Tgt Ion:106 Resp: 134865
Ion Ratio Lower Upper
106 100
91 201.3 96.7 290.1



#70
Styrene
Concen: 56.005 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:104 Resp: 244640
Ion Ratio Lower Upper
104 100
78 41.9 33.0 49.6
103 54.9 44.2 66.4

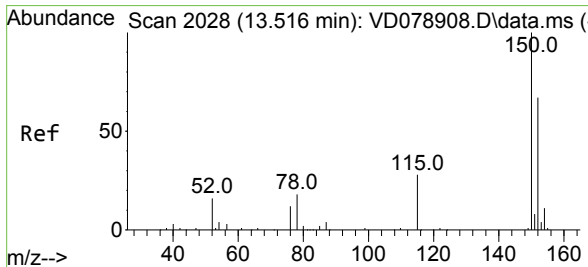
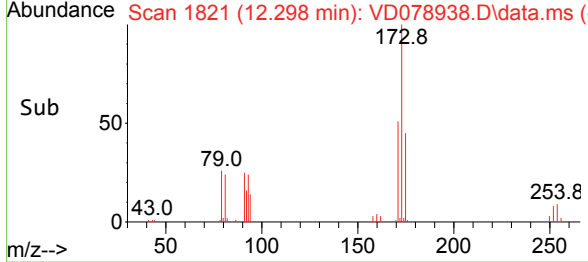
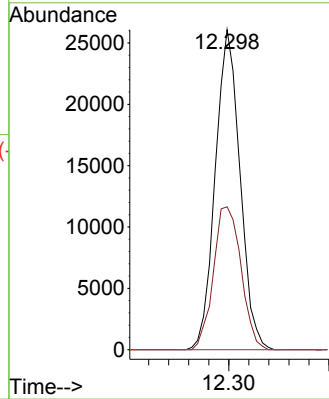
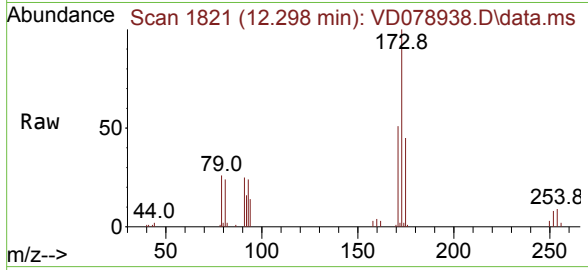




#71
Bromoform
Concen: 54.452 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

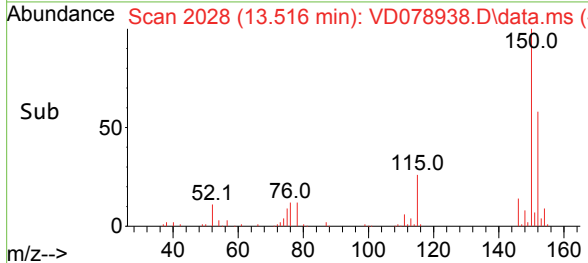
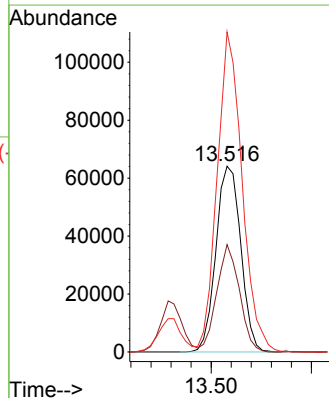
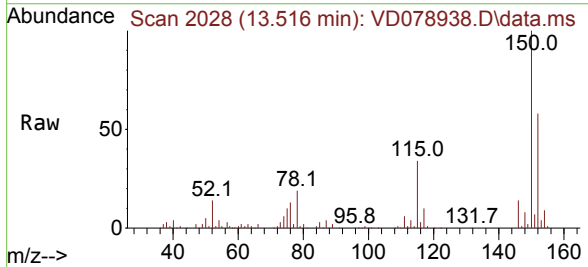
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

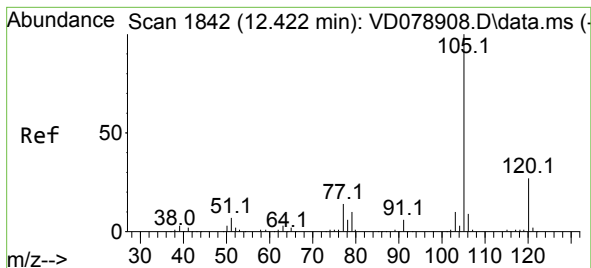
Tgt Ion:173 Resp: 44580
Ion Ratio Lower Upper
173 100
175 50.0 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:152 Resp: 110364
Ion Ratio Lower Upper
152 100
115 52.7 26.5 79.5
150 172.8 0.0 341.6





#73

Isopropylbenzene

Concen: 52.010 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

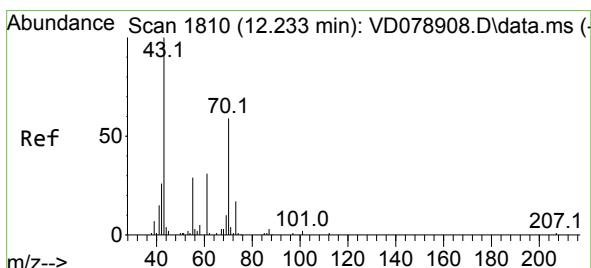
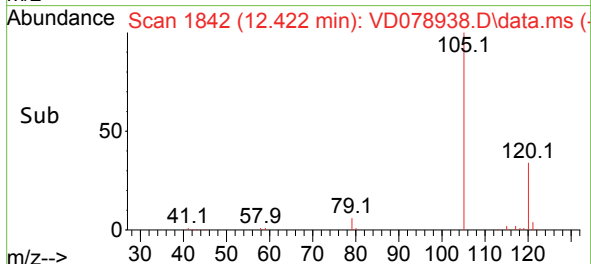
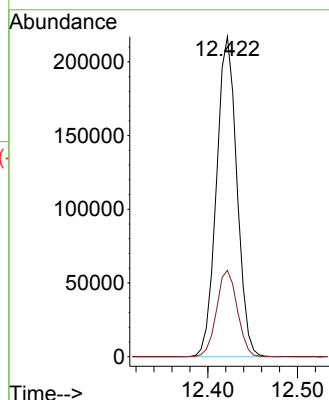
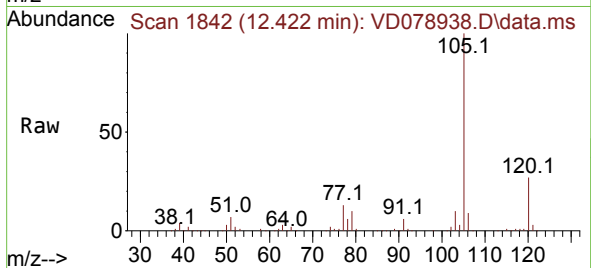
VSTDCCC050

Tgt Ion:105 Resp: 342598

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 56.221 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Tgt Ion: 43 Resp: 60090

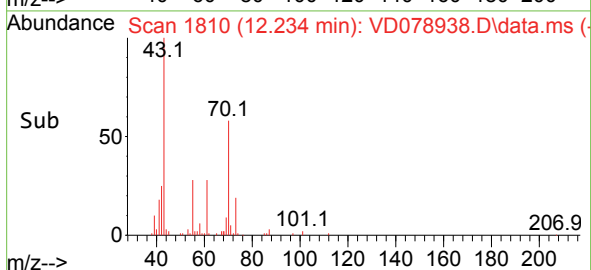
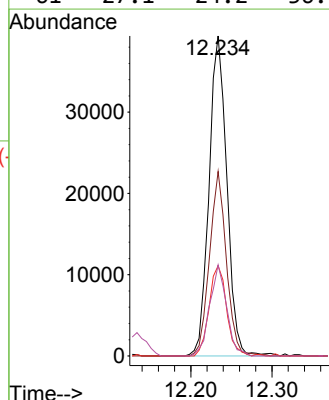
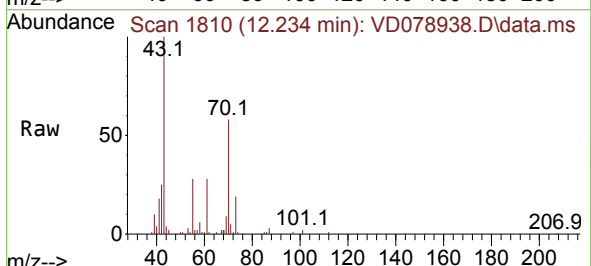
Ion Ratio Lower Upper

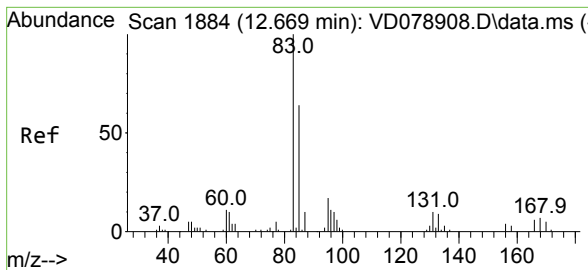
43 100

70 54.7 44.3 66.5

55 27.6 23.2 34.8

61 27.1 24.2 36.4

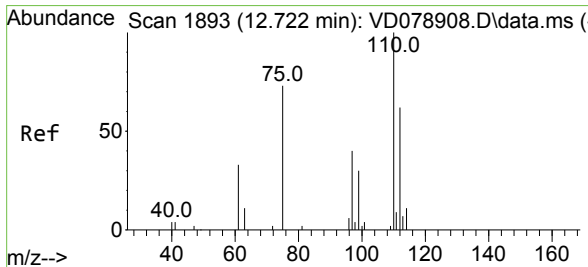
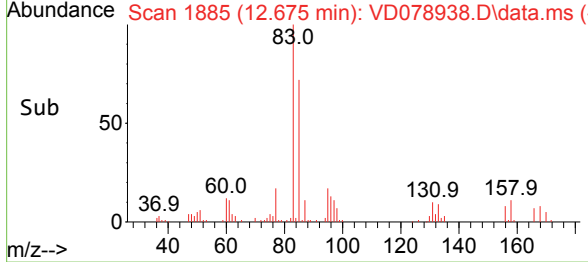
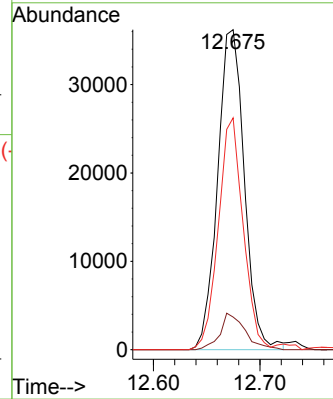
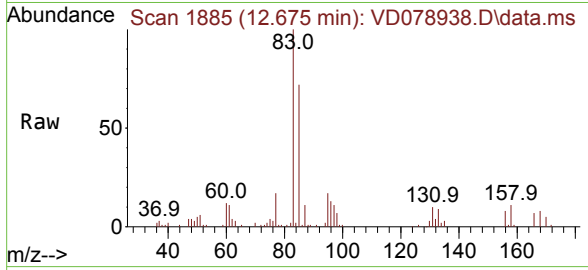




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.107 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

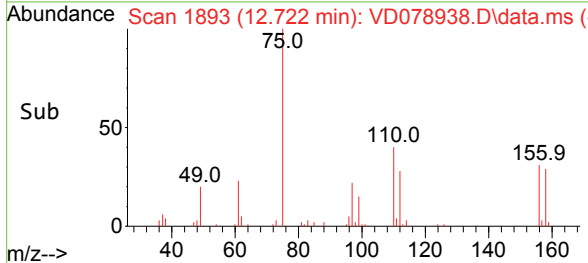
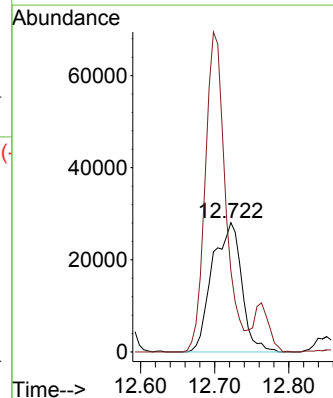
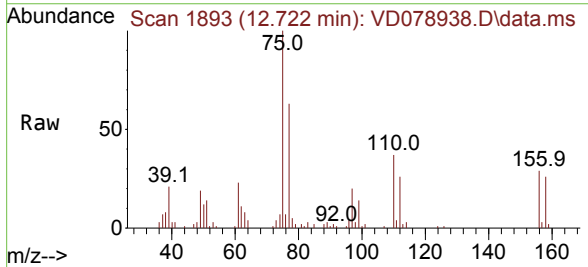
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

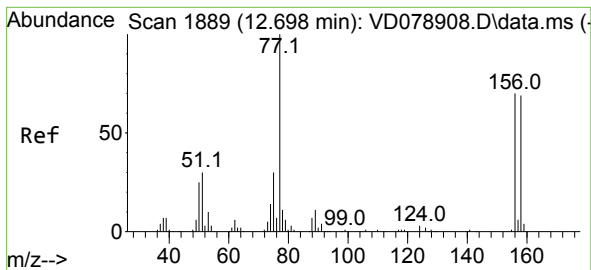
Tgt Ion: 83 Resp: 63101
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.5 16.5
 85 67.1 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 99.362 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078938.D
 Acq: 16 May 2024 09:57

Tgt Ion: 75 Resp: 77201
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.551 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

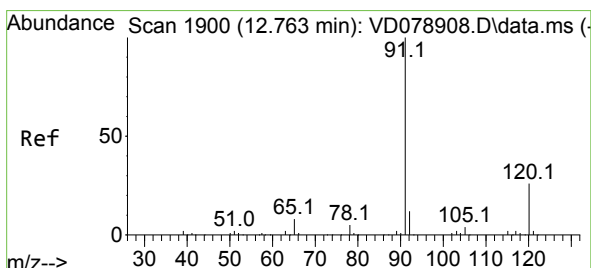
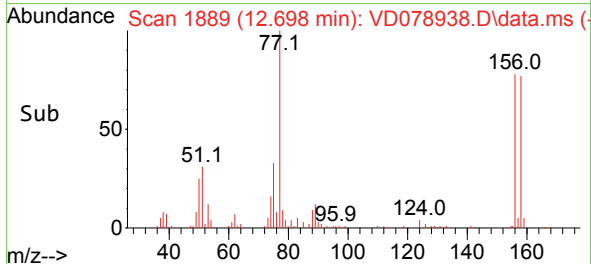
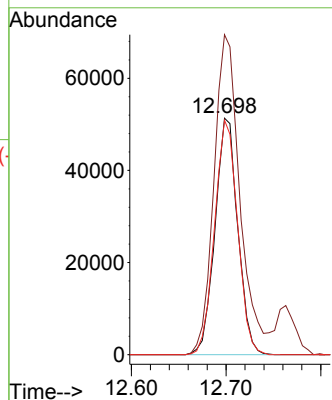
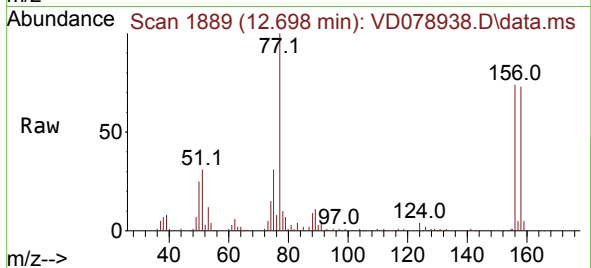
Tgt Ion:156 Resp: 85831

Ion Ratio Lower Upper

156 100

77 153.2 77.3 231.9

158 100.2 49.6 149.0



#78

n-propylbenzene

Concen: 52.139 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078938.D

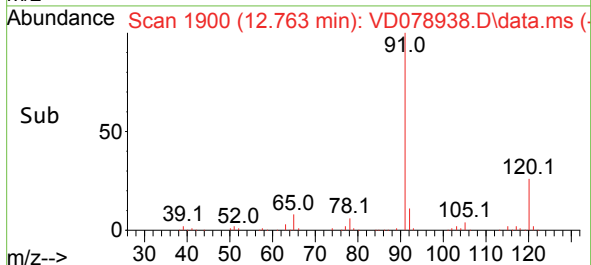
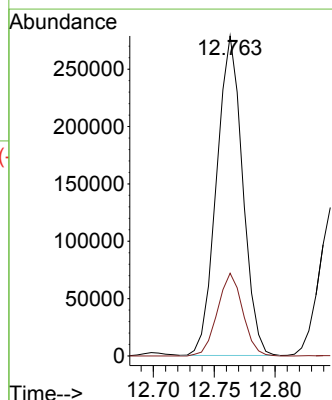
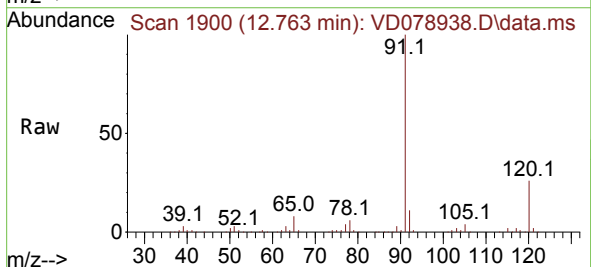
Acq: 16 May 2024 09:57

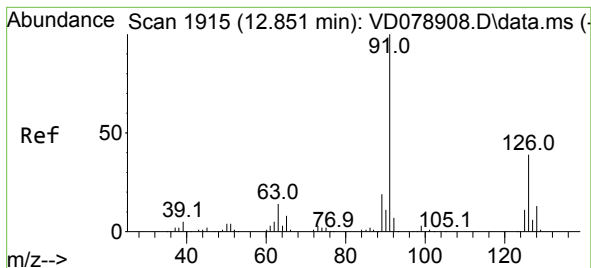
Tgt Ion: 91 Resp: 415118

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 50.810 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

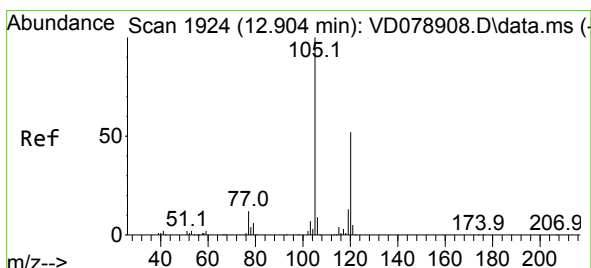
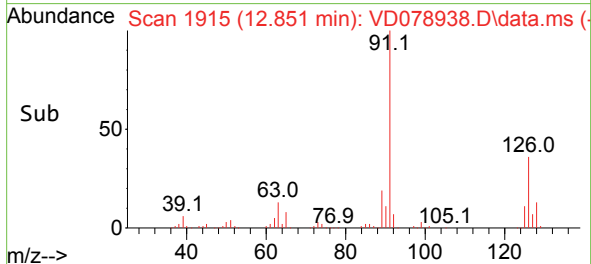
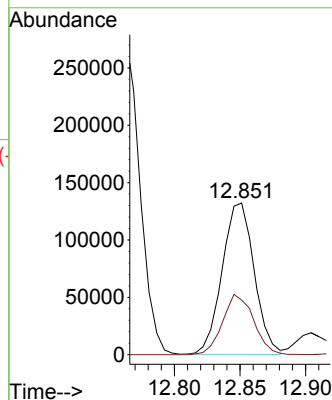
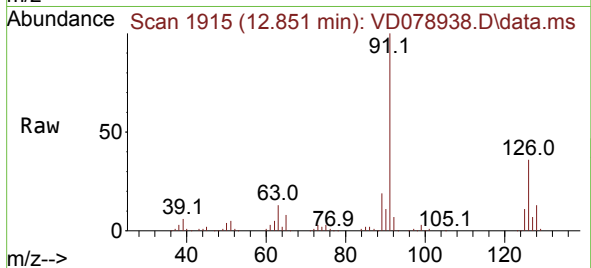
VSTDCCC050

Tgt Ion: 91 Resp: 224842

Ion Ratio Lower Upper

91 100

126 38.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 53.390 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078938.D

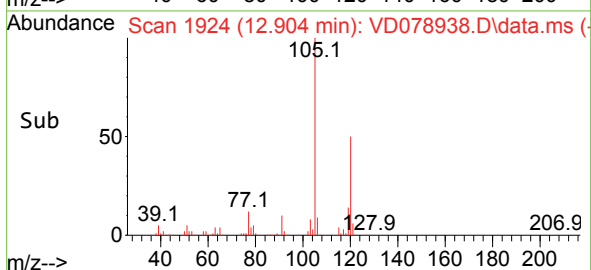
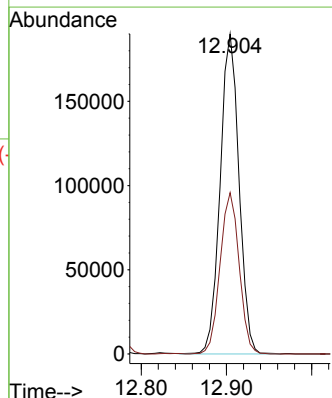
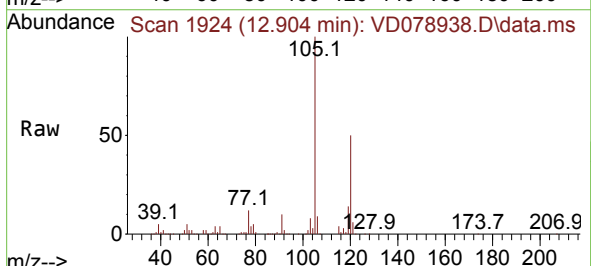
Acq: 16 May 2024 09:57

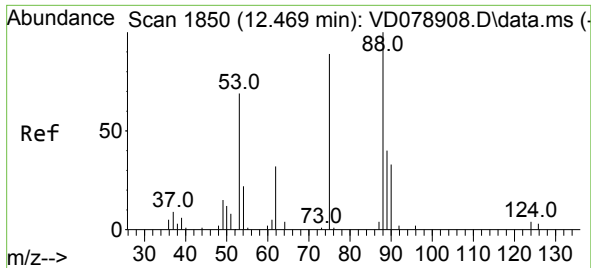
Tgt Ion: 105 Resp: 292189

Ion Ratio Lower Upper

105 100

120 51.0 25.7 77.1

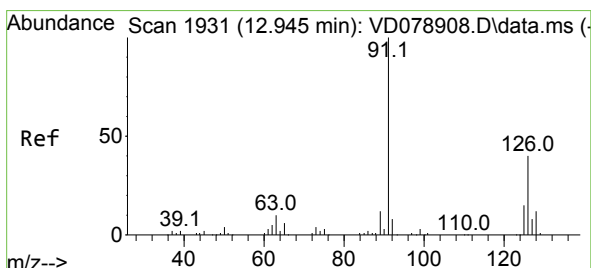
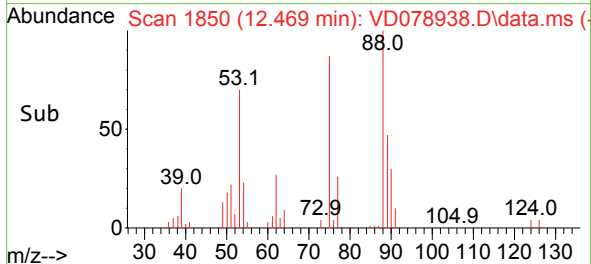
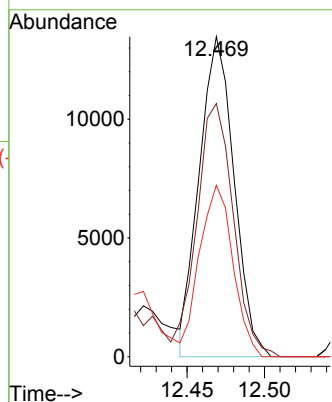
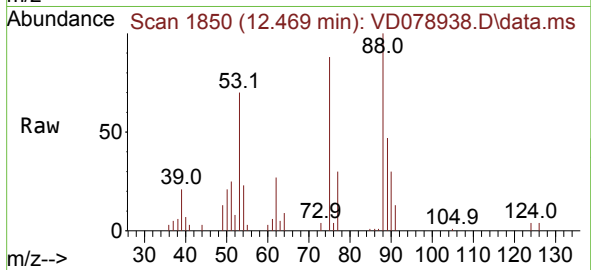




#81
trans-1,4-Dichloro-2-butene
Concen: 53.687 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

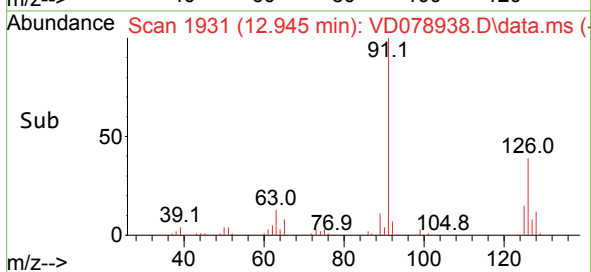
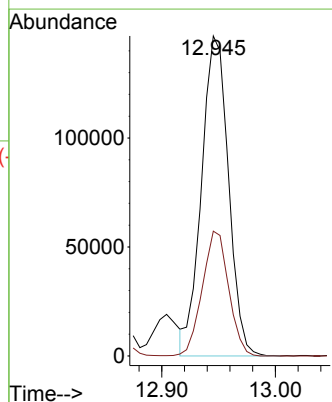
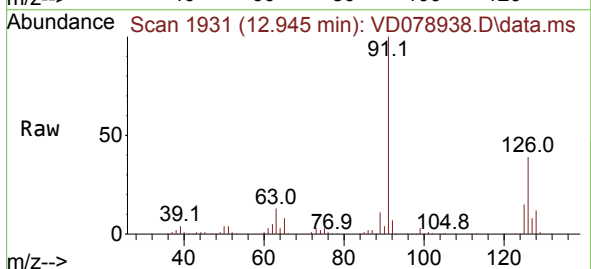
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

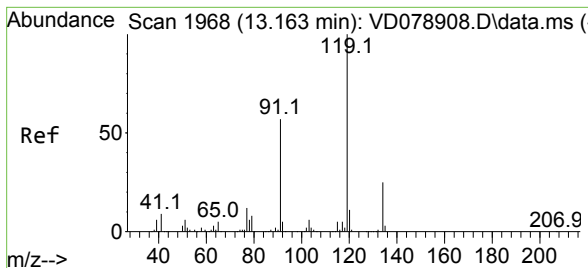
Tgt Ion: 75 Resp: 21035
Ion Ratio Lower Upper
75 100
53 83.1 61.4 92.2
89 51.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.167 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion: 91 Resp: 242180
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.9

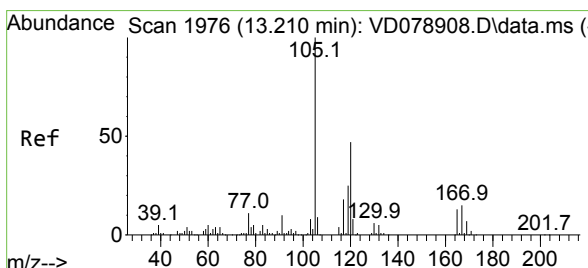
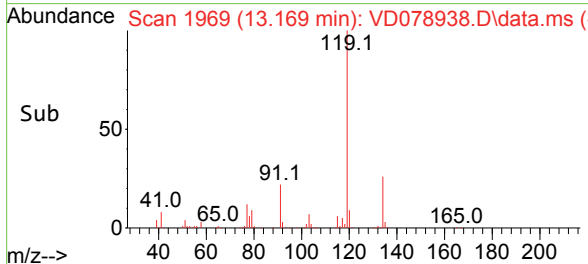
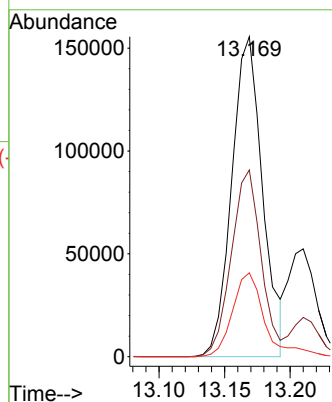
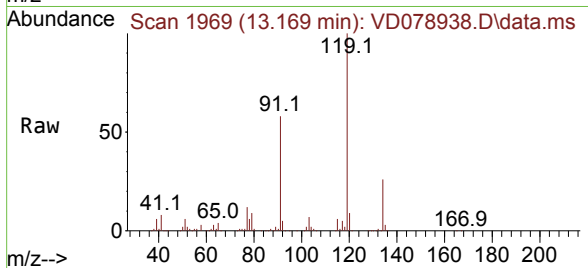




#83
tert-Butylbenzene
Concen: 52.725 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

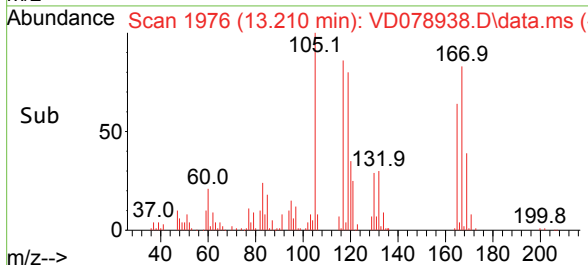
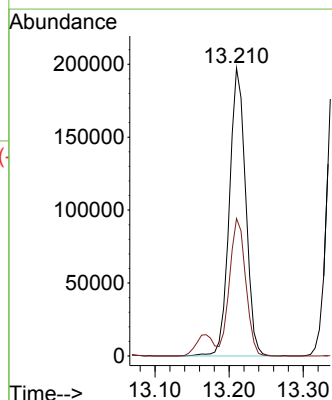
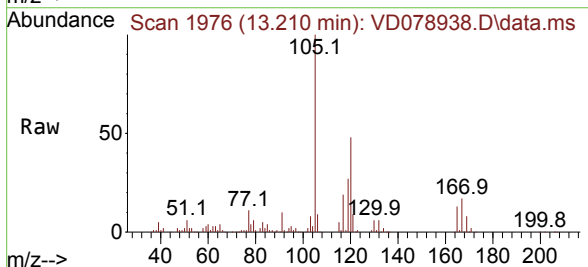
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

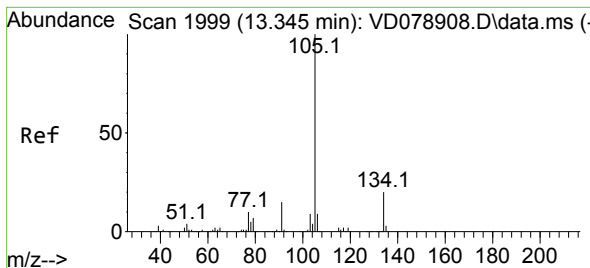
Tgt Ion:119 Resp: 255190
Ion Ratio Lower Upper
119 100
91 56.3 28.2 84.7
134 27.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 53.049 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:105 Resp: 300719
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





#85

sec-Butylbenzene

Concen: 52.299 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

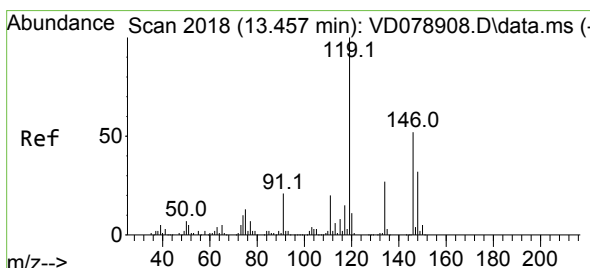
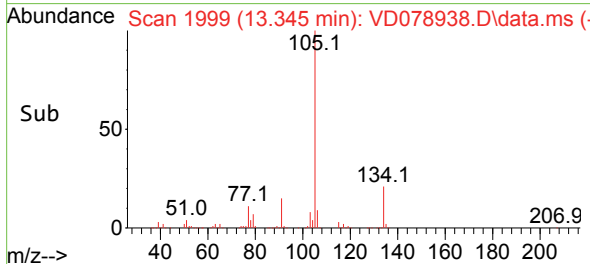
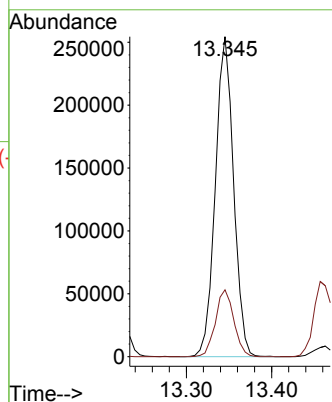
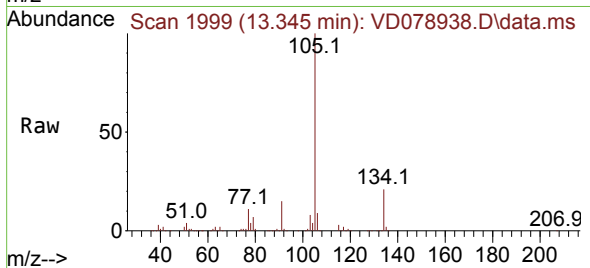
VSTDCCC050

Tgt Ion:105 Resp: 377587

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 54.333 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

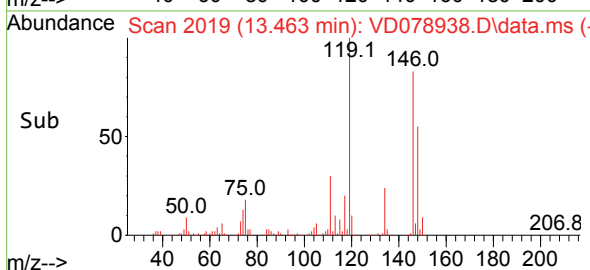
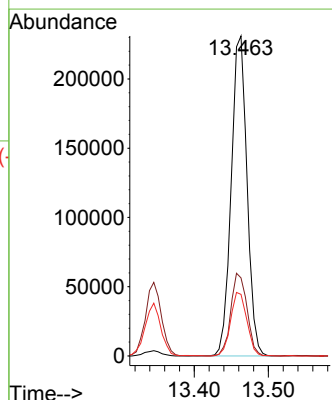
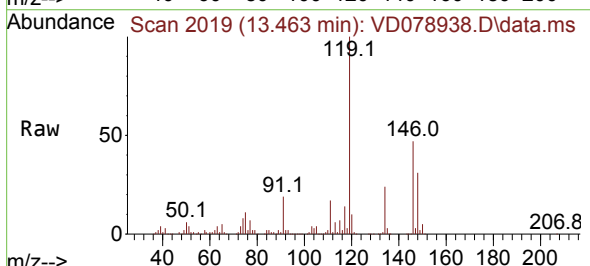
Tgt Ion:119 Resp: 341767

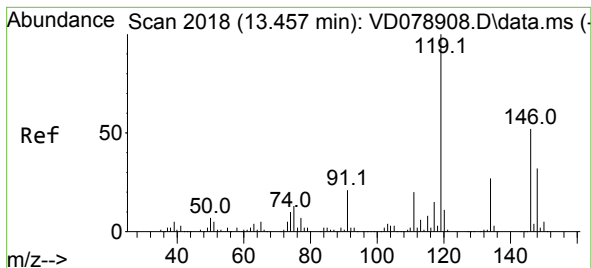
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 20.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.269 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

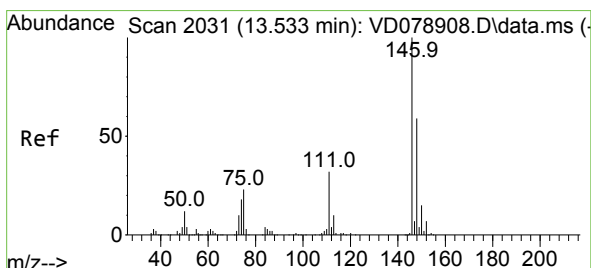
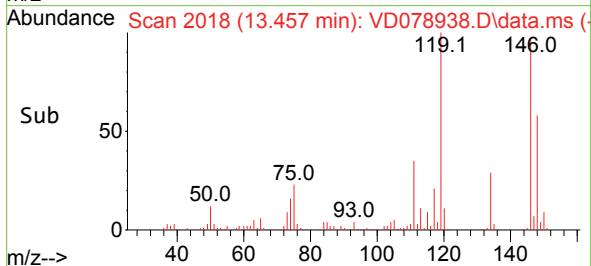
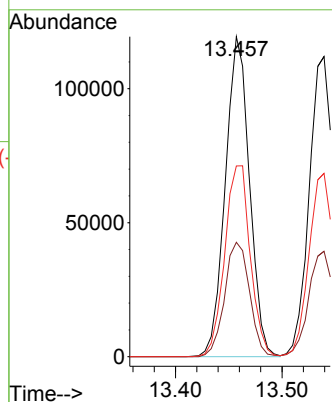
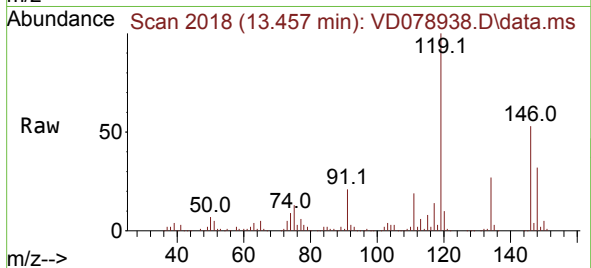
Tgt Ion:146 Resp: 187930

Ion Ratio Lower Upper

146 100

111 36.9 18.5 55.5

148 63.2 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 50.495 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

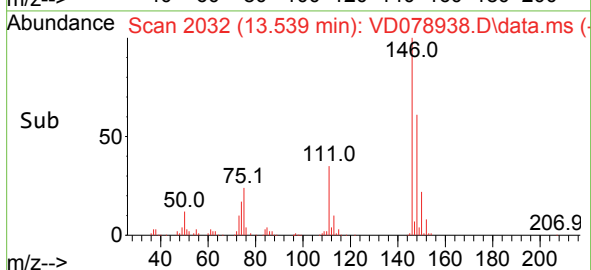
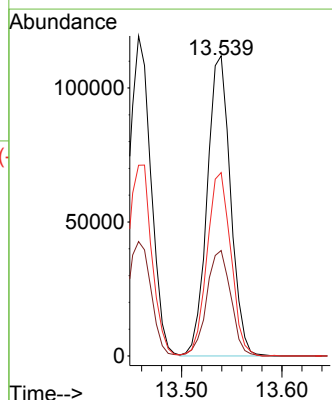
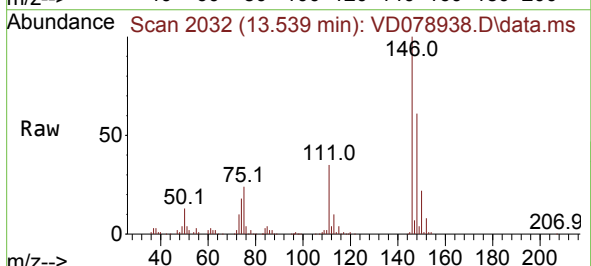
Tgt Ion:146 Resp: 181266

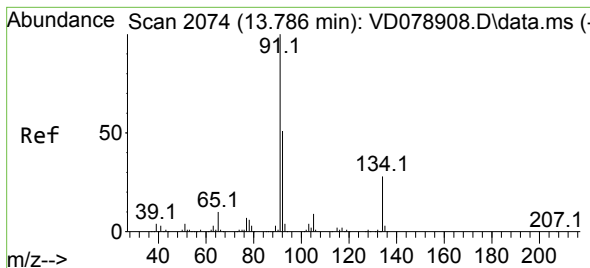
Ion Ratio Lower Upper

146 100

111 36.3 17.5 52.6

148 62.3 31.4 94.2





#89

n-Butylbenzene

Concen: 52.624 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

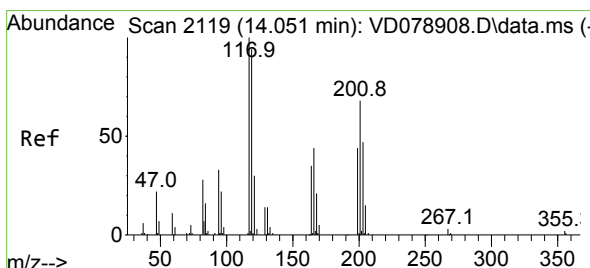
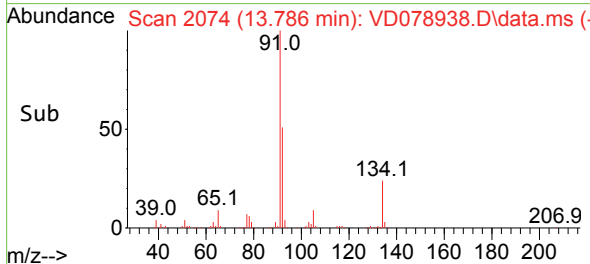
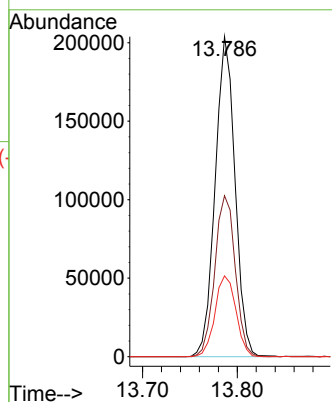
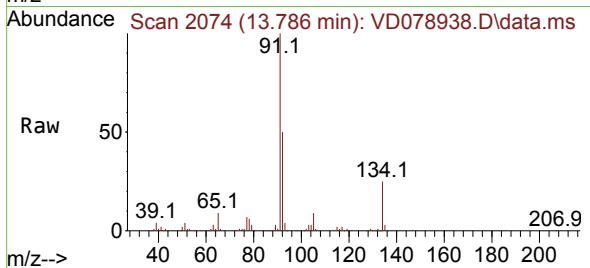
Tgt Ion: 91 Resp: 296613

Ion Ratio Lower Upper

91 100

92 52.0 25.7 77.0

134 26.7 13.6 40.8



#90

Hexachloroethane

Concen: 48.806 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078938.D

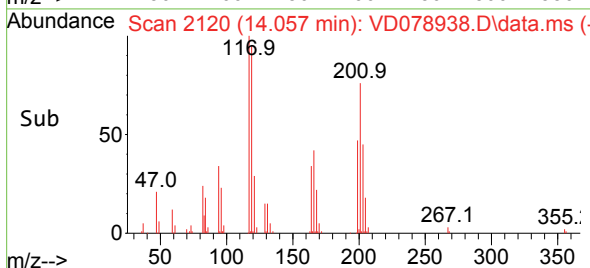
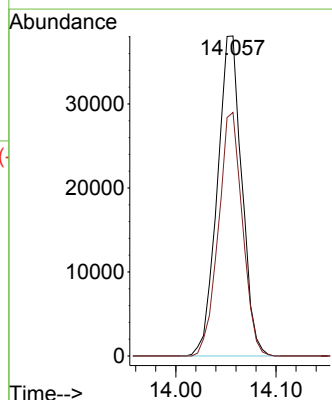
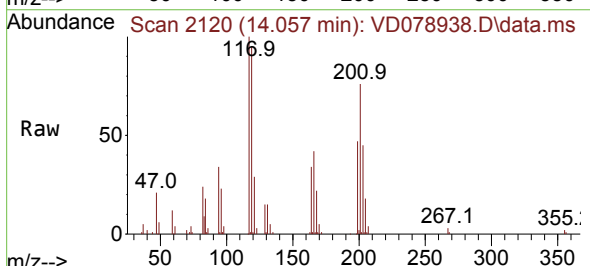
Acq: 16 May 2024 09:57

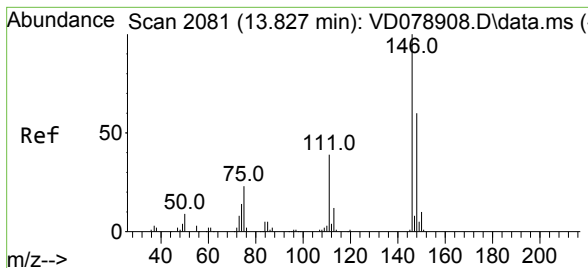
Tgt Ion: 117 Resp: 64757

Ion Ratio Lower Upper

117 100

201 74.5 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 52.149 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

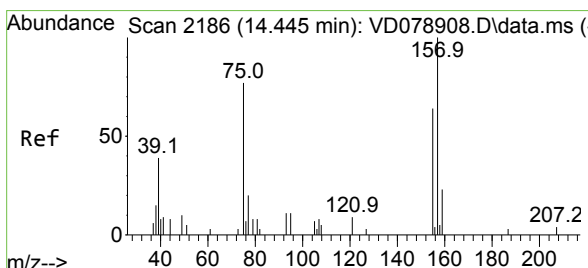
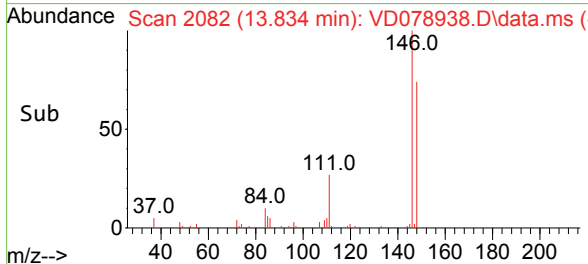
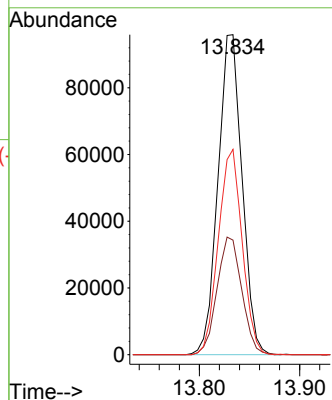
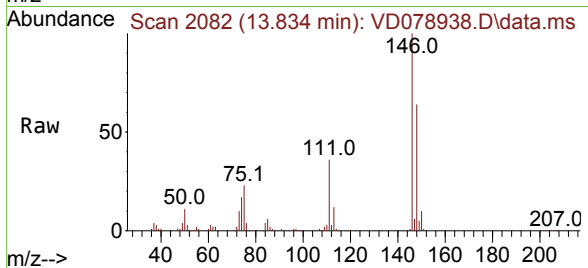
Tgt Ion:146 Resp: 159939

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

148 63.6 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.609 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

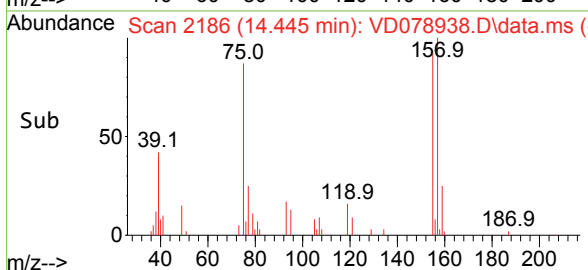
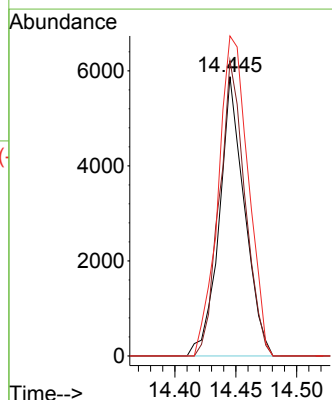
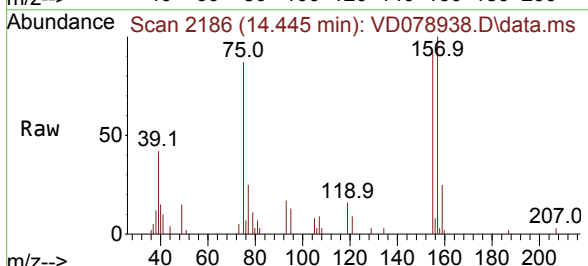
Tgt Ion: 75 Resp: 8480

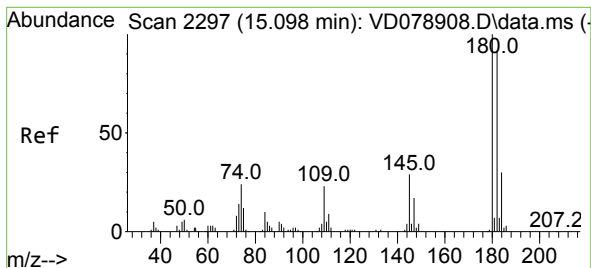
Ion Ratio Lower Upper

75 100

155 107.6 47.7 143.1

157 136.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 52.001 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

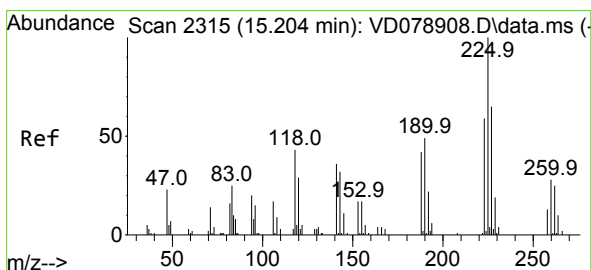
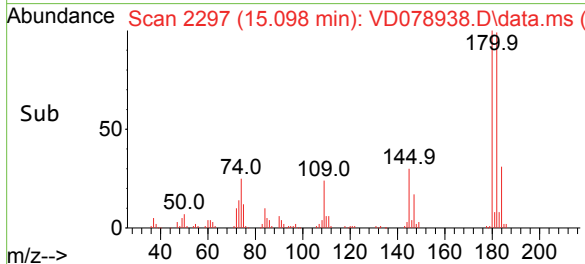
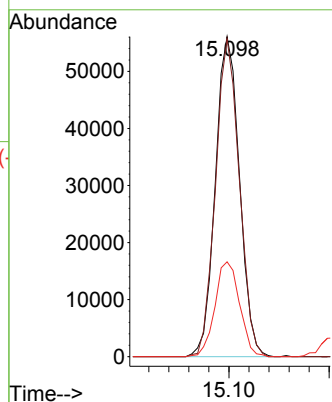
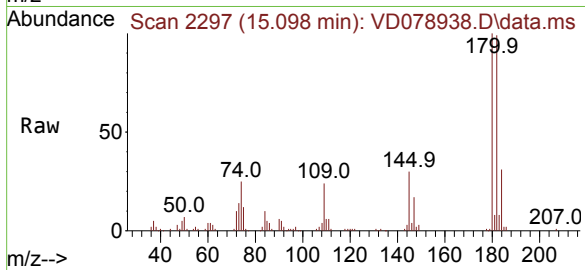
Tgt Ion:180 Resp: 93642

Ion Ratio Lower Upper

180 100

182 97.9 46.9 140.7

145 30.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 51.454 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078938.D

Acq: 16 May 2024 09:57

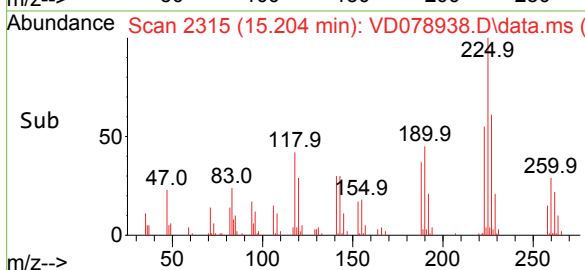
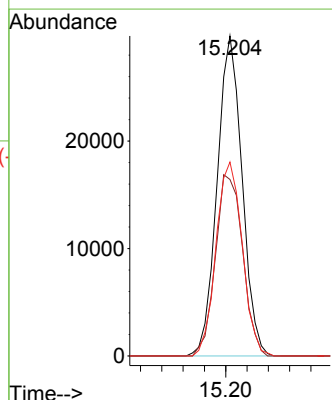
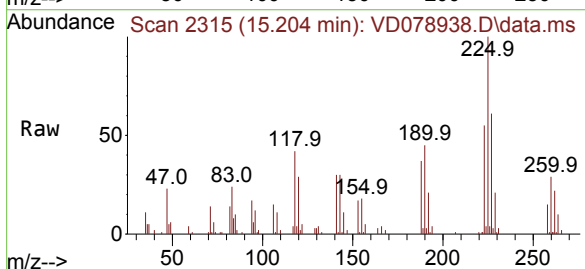
Tgt Ion:225 Resp: 48423

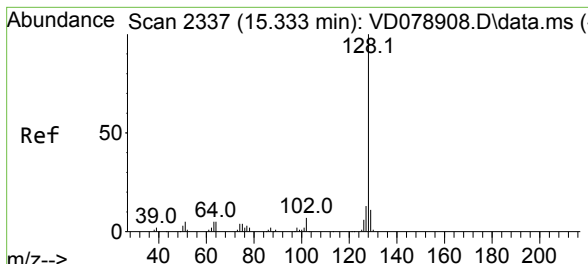
Ion Ratio Lower Upper

225 100

223 61.7 33.3 99.9

227 63.6 33.6 100.6

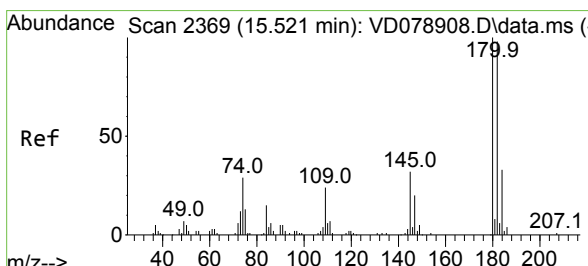
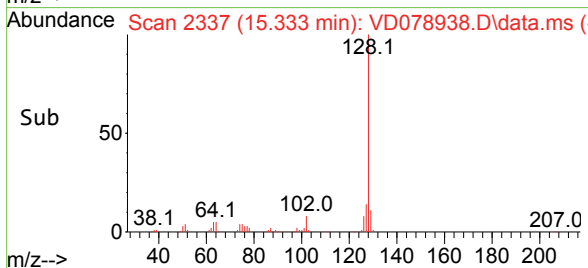
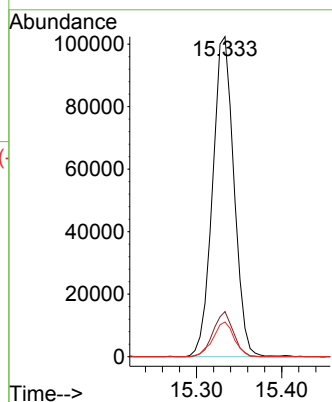
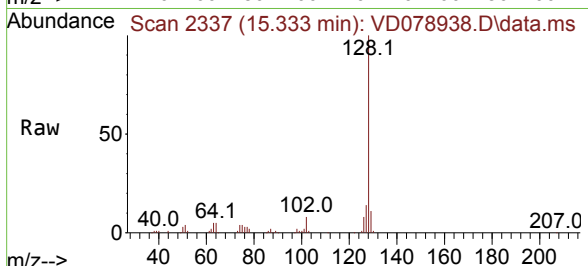




#95
Naphthalene
Concen: 58.245 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	178660
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.2	15.4
129	10.9	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 54.522 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078938.D
Acq: 16 May 2024 09:57

Tgt Ion:	180	Resp:	87339
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.8	143.3
145	30.8	16.1	48.2

