

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078217.D
 Acq On : 24 Jan 2024 11:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 25 00:24:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	239006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	79724	53.303	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	106.600%	
35) Dibromofluoromethane	7.810	113	82542	52.475	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	104.940%	
50) Toluene-d8	10.275	98	325573	52.272	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.540%	
62) 4-Bromofluorobenzene	12.575	95	95080	52.639	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	105.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	67849	53.285	ug/l	99
3) Chloromethane	2.152	50	114198	54.125	ug/l	100
4) Vinyl Chloride	2.293	62	148025	47.645	ug/l	97
5) Bromomethane	2.705	94	105555	46.556	ug/l	98
6) Chloroethane	2.846	64	103554	47.717	ug/l	98
7) Trichlorofluoromethane	3.187	101	142689	50.493	ug/l	98
8) Diethyl Ether	3.599	74	43236	55.192	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	86696	52.969	ug/l	93
10) Methyl Iodide	4.175	142	86539	52.746	ug/l	# 89
11) Tert butyl alcohol	5.063	59	20368	276.615	ug/l	# 73
12) 1,1-Dichloroethene	3.952	96	84620	52.191	ug/l	# 83
13) Acrolein	3.799	56	34416	203.604	ug/l	100
14) Allyl chloride	4.569	41	113566	53.101	ug/l	# 90
15) Acrylonitrile	5.257	53	97595	277.630	ug/l	97
16) Acetone	4.022	43	93486	258.121	ug/l	88
17) Carbon Disulfide	4.281	76	262629	49.953	ug/l	# 94
18) Methyl Acetate	4.569	43	74088	57.575	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	187828	55.553	ug/l	98
20) Methylene Chloride	4.805	84	97311	53.989	ug/l	# 84
21) trans-1,2-Dichloroethene	5.322	96	99184	52.939	ug/l	93
22) Diisopropyl ether	6.222	45	257454	56.890	ug/l	93
23) Vinyl Acetate	6.157	43	520565	233.474	ug/l	95
24) 1,1-Dichloroethane	6.116	63	167719	53.635	ug/l	95
25) 2-Butanone	7.081	43	122983	261.433	ug/l	# 87
26) 2,2-Dichloropropane	7.081	77	139112	53.105	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	108352	53.838	ug/l	91
28) Bromochloromethane	7.434	49	61990	50.827	ug/l	# 77
29) Tetrahydrofuran	7.451	42	68795	278.804	ug/l	88
30) Chloroform	7.604	83	171817	54.027	ug/l	92
31) Cyclohexane	7.881	56	139270	50.361	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	146231	53.230	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133488	51.605	ug/l	97
37) Ethyl Acetate	7.175	43	49663	51.573	ug/l	98
38) Carbon Tetrachloride	7.999	117	131279	51.388	ug/l	95
39) Methylcyclohexane	9.275	83	162354	53.073	ug/l	92
40) Benzene	8.257	78	385812	52.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	29782	56.325	ug/l	88
42) 1,2-Dichloroethane	8.328	62	101180	52.976	ug/l	94
43) Isopropyl Acetate	8.363	43	94550	53.593	ug/l #	91
44) Trichloroethene	9.034	130	95792	51.009	ug/l	90
45) 1,2-Dichloropropane	9.310	63	95983	52.695	ug/l	96
46) Dibromomethane	9.398	93	51879	51.863	ug/l #	88
47) Bromodichloromethane	9.587	83	131428	52.304	ug/l	98
48) Methyl methacrylate	9.387	41	53997	52.866	ug/l #	82
49) 1,4-Dioxane	9.387	88	10065	1039.874	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	252747	272.630	ug/l	91
52) Toluene	10.334	92	247128	53.113	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	126630	54.625	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	152685	54.942	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	71118	53.132	ug/l	97
56) Ethyl methacrylate	10.598	69	62366	56.919	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	121050	52.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	192398	293.013	ug/l	92
59) 2-Hexanone	10.922	43	189269	251.235	ug/l	87
60) Dibromochloromethane	11.075	129	84743	53.700	ug/l	97
61) 1,2-Dibromoethane	11.181	107	66381	53.801	ug/l	99
64) Tetrachloroethene	10.810	164	71323	50.479	ug/l	90
65) Chlorobenzene	11.610	112	250849	52.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	90676	53.155	ug/l	96
67) Ethyl Benzene	11.687	91	474224	54.591	ug/l	95
68) m/p-Xylenes	11.792	106	362450	109.247	ug/l	90
69) o-Xylene	12.122	106	163210	54.206	ug/l	88
70) Styrene	12.139	104	249985	55.407	ug/l	94
71) Bromoform	12.298	173	43414	51.390	ug/l #	99
73) Isopropylbenzene	12.422	105	438925	53.473	ug/l	96
74) N-amyl acetate	12.234	43	85218	54.264	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	80917	52.978	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	100604	100.474	ug/l #	100
77) Bromobenzene	12.704	156	92412	51.349	ug/l	80
78) n-propylbenzene	12.763	91	547551	53.783	ug/l	94
79) 2-Chlorotoluene	12.851	91	283614	52.203	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	363278	53.375	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26522	57.056	ug/l	93
82) 4-Chlorotoluene	12.951	91	299915	52.369	ug/l	96
83) tert-Butylbenzene	13.169	119	305141	53.631	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	369179	53.633	ug/l	95
85) sec-Butylbenzene	13.345	105	463127	53.757	ug/l	95
86) p-Isopropyltoluene	13.463	119	406731	54.252	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	197671	53.050	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	189249	51.410	ug/l	96
89) n-Butylbenzene	13.786	91	398777	54.640	ug/l	96
90) Hexachloroethane	14.051	117	77406	52.634	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	165891	52.945	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11237	51.482	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	101307	52.306	ug/l	97
94) Hexachlorobutadiene	15.204	225	49922	53.339	ug/l	98
95) Naphthalene	15.333	128	200679	55.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	88100	54.216	ug/l	97

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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

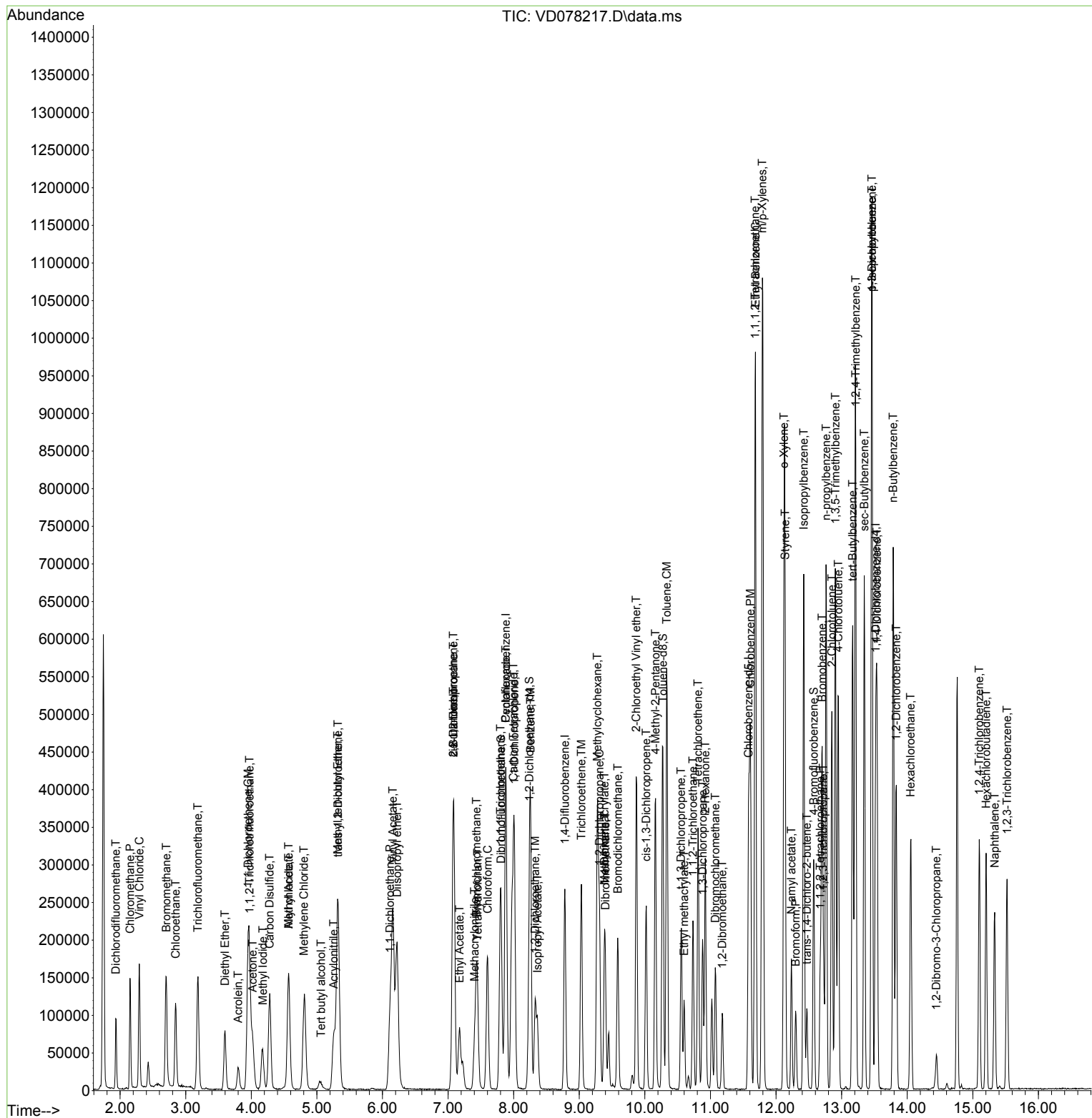
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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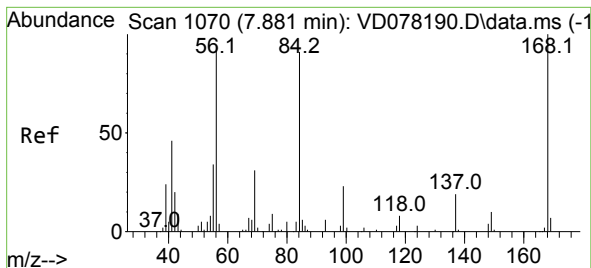
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

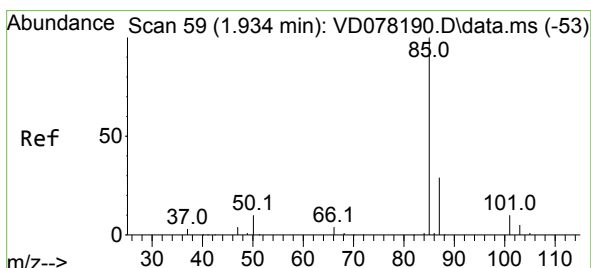
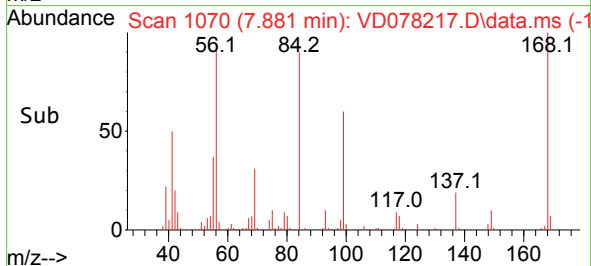
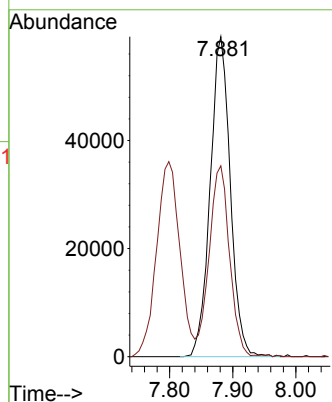
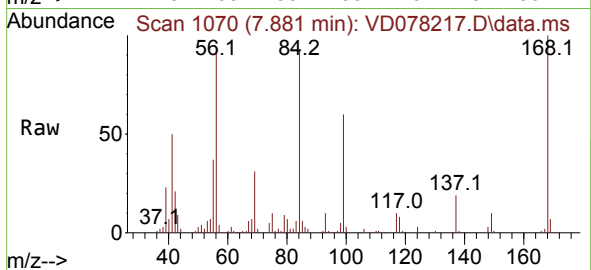
VSTDCCC050

Tgt Ion:168 Resp: 131016

Ion Ratio Lower Upper

168 100

99 59.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 53.285 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078217.D

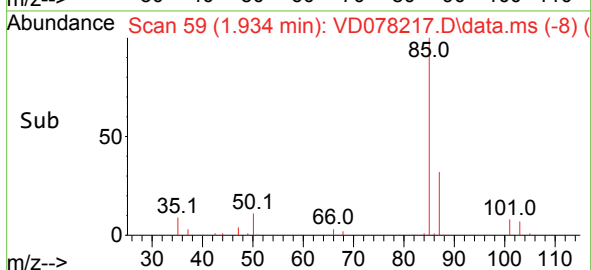
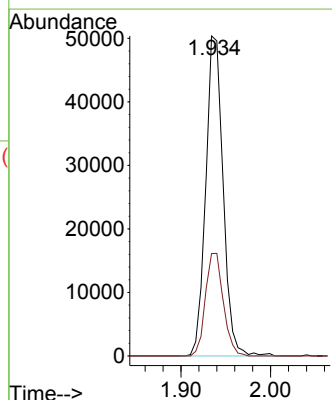
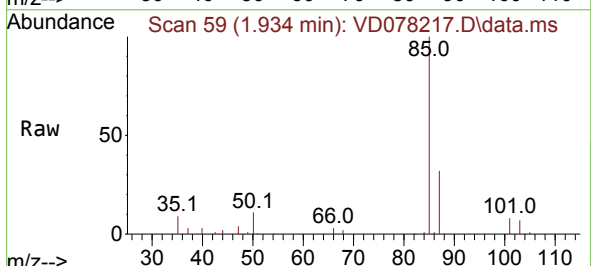
Acq: 24 Jan 2024 11:38

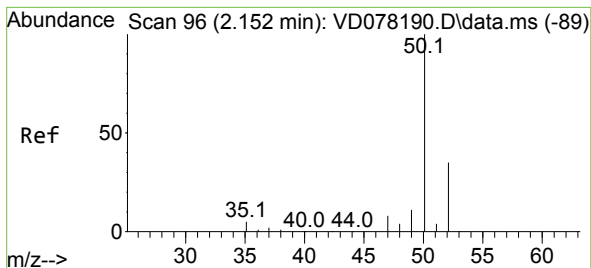
Tgt Ion: 85 Resp: 67849

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0





#3

Chloromethane

Concen: 54.125 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

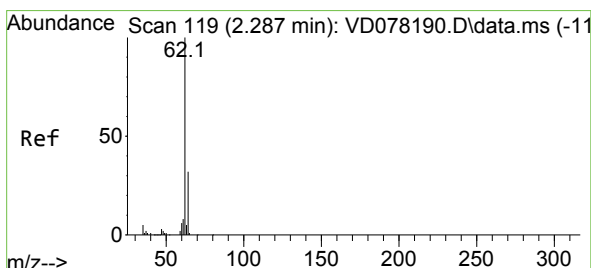
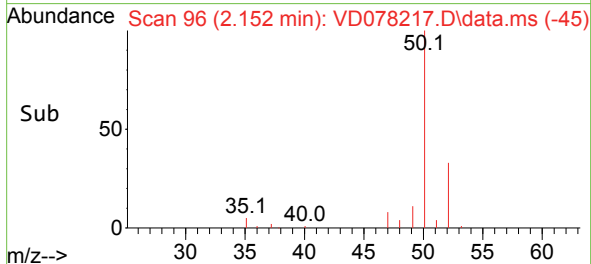
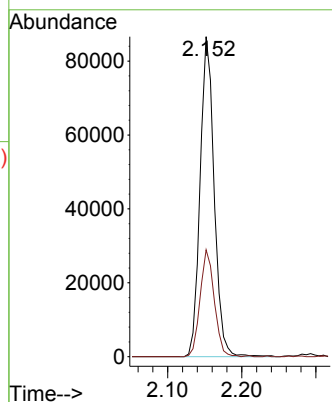
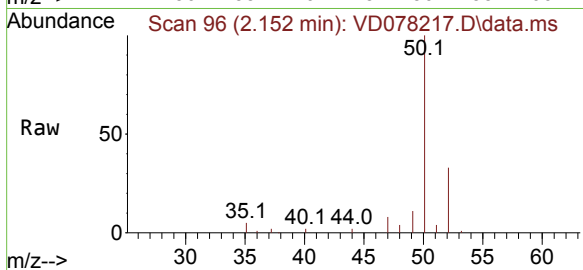
VSTDCCC050

Tgt Ion: 50 Resp: 114198

Ion Ratio Lower Upper

50 100

52 33.4 26.6 40.0



#4

Vinyl Chloride

Concen: 47.645 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078217.D

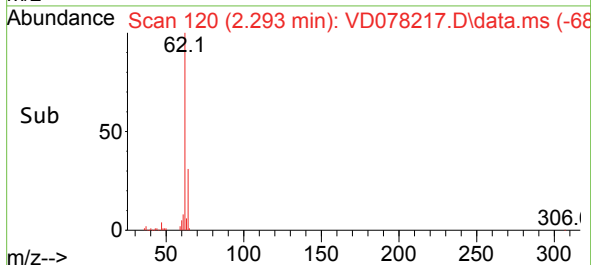
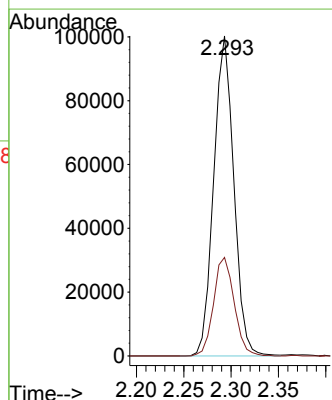
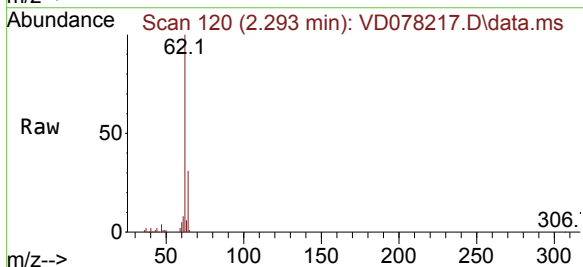
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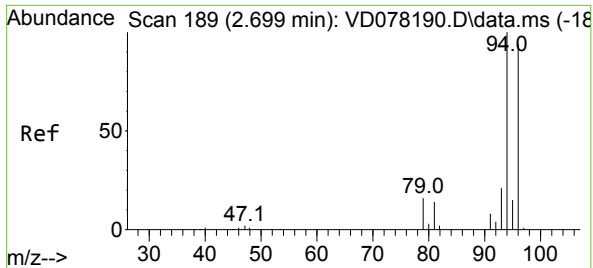
Tgt Ion: 62 Resp: 148025

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0

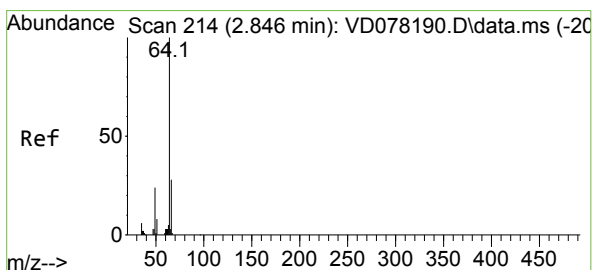
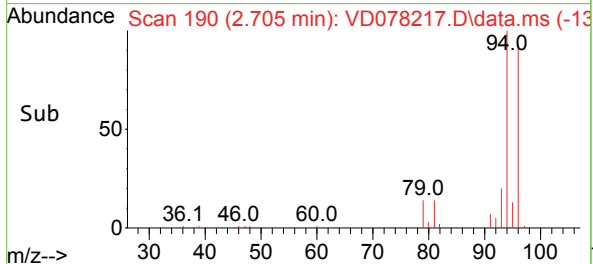
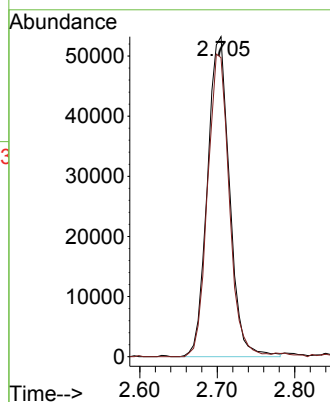
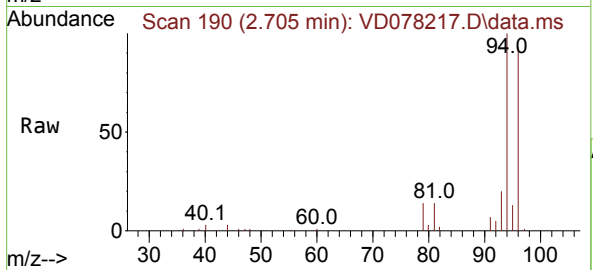




#5
Bromomethane
Concen: 46.556 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

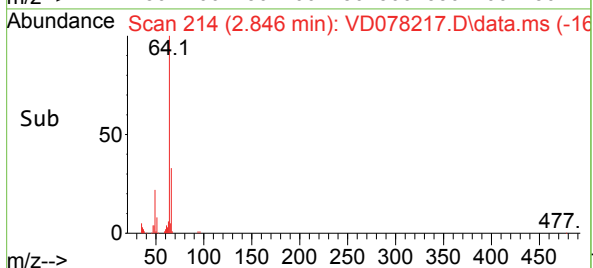
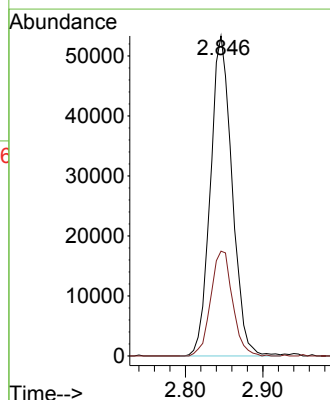
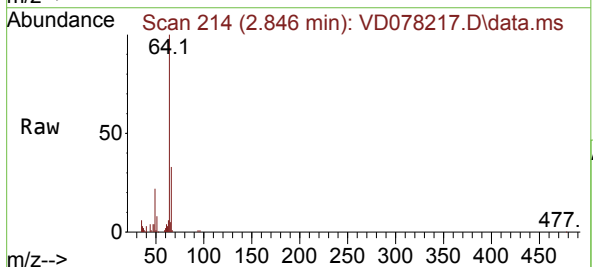
Instrument :
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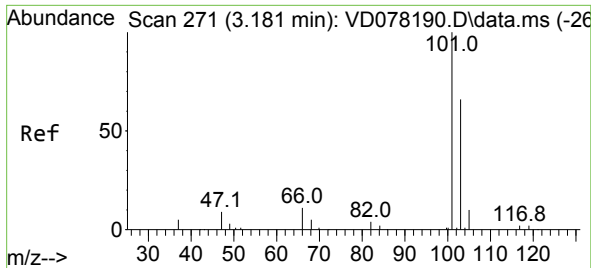
Tgt Ion: 94 Resp: 105555
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8



#6
Chloroethane
Concen: 47.717 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 64 Resp: 103554
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3

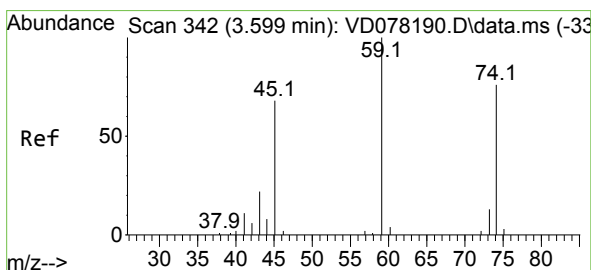
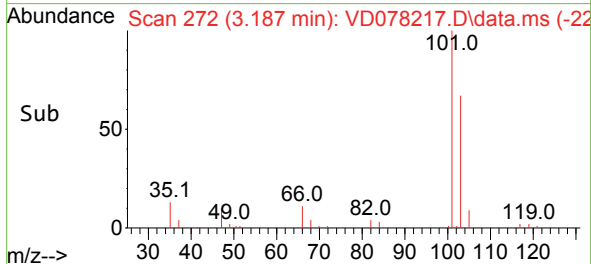
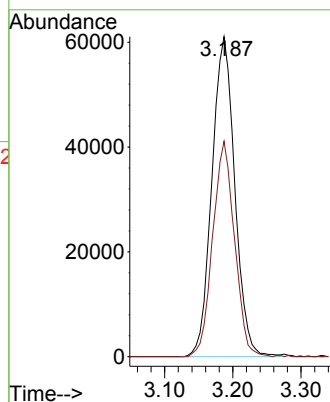
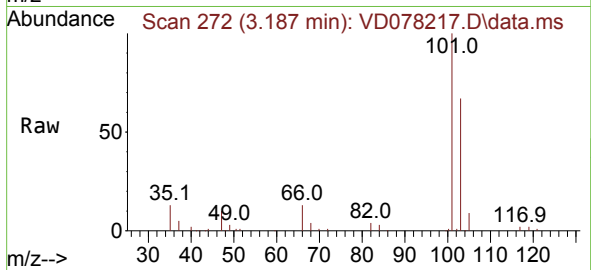




#7
Trichlorofluoromethane
Concen: 50.493 ug/l
RT: 3.187 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

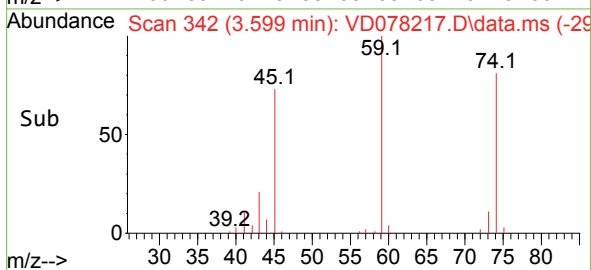
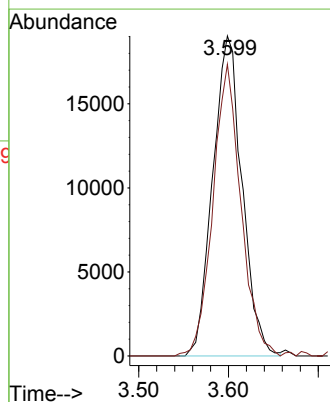
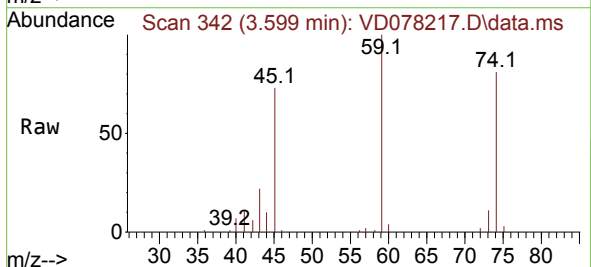
Instrument :
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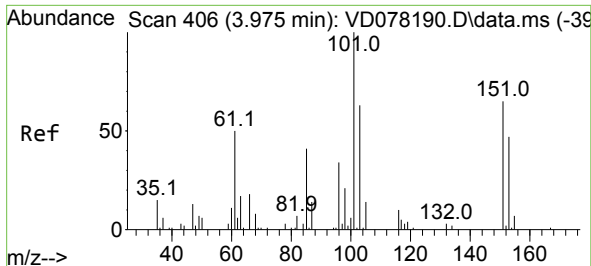
Tgt Ion:101 Resp: 142689
Ion Ratio Lower Upper
101 100
103 67.3 52.3 78.5



#8
Diethyl Ether
Concen: 55.192 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 74 Resp: 43236
Ion Ratio Lower Upper
74 100
45 86.8 37.5 112.7

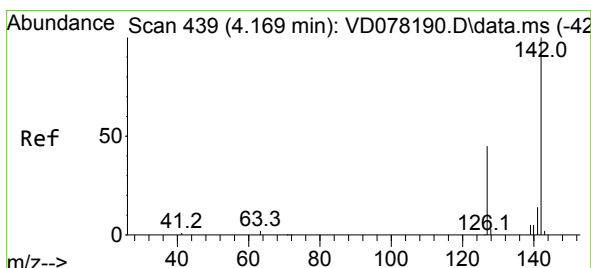
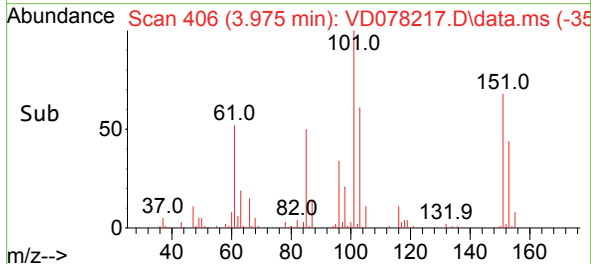
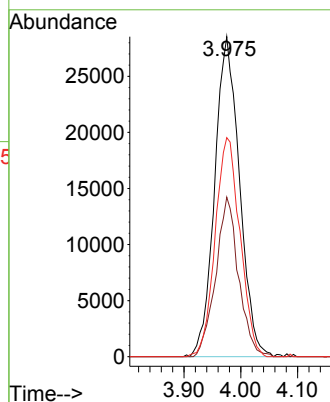
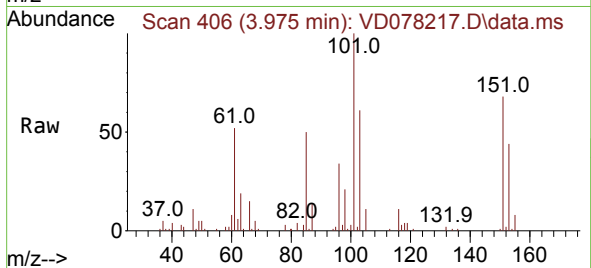




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.969 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

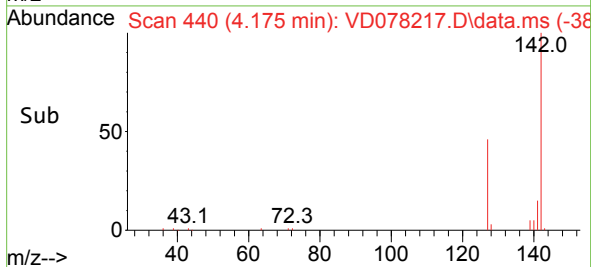
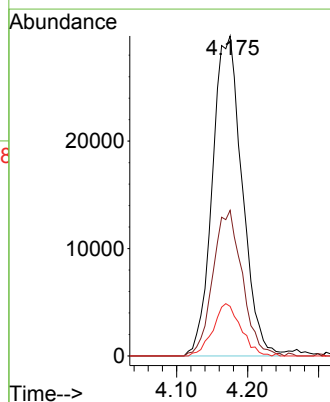
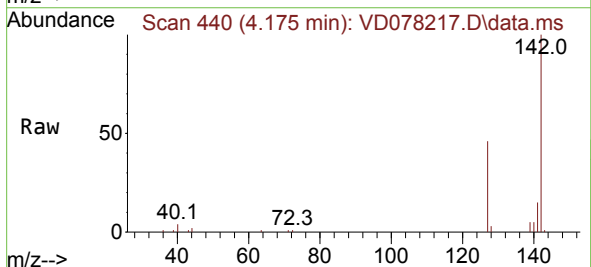
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

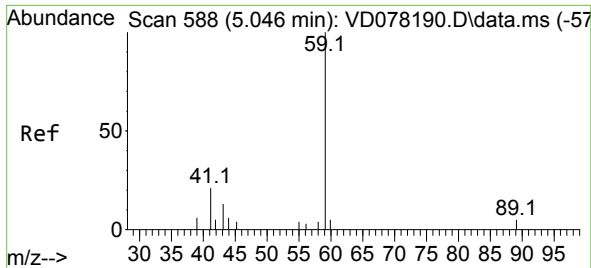
Tgt Ion:	101	Resp:	86696
Ion	Ratio	Lower	Upper
101	100		
85	45.8	33.8	50.6
151	68.5	59.8	89.6



#10
Methyl Iodide
Concen: 52.746 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:	142	Resp:	86539
Ion	Ratio	Lower	Upper
142	100		
127	44.9	29.4	44.0#
141	15.3	11.1	16.7

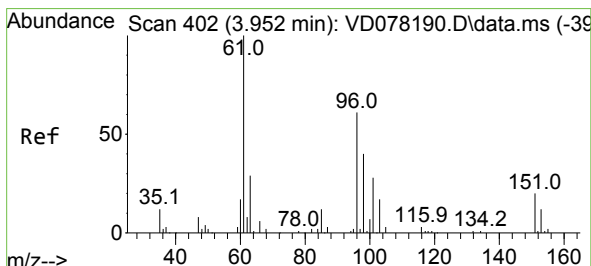
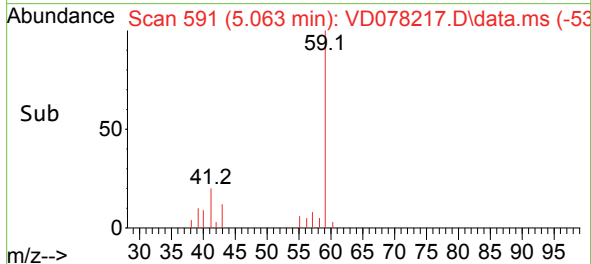
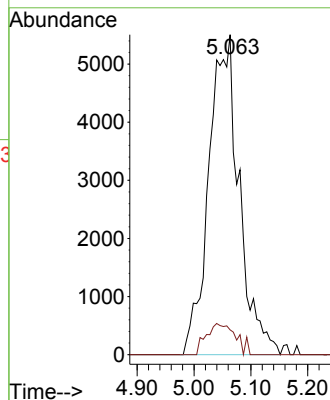
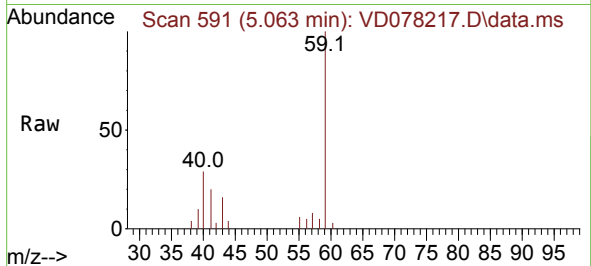




#11
Tert butyl alcohol
Concen: 276.615 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

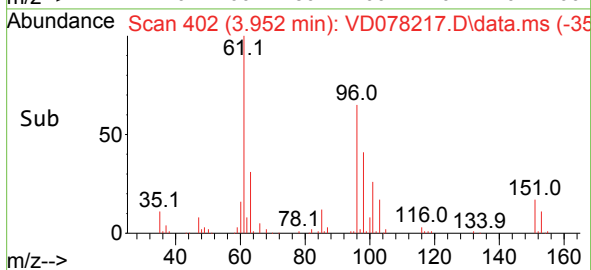
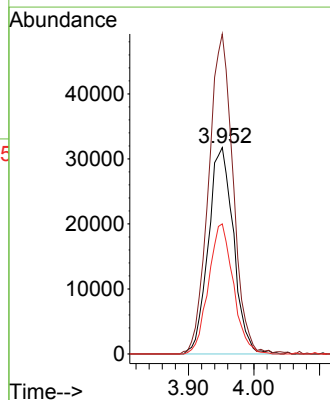
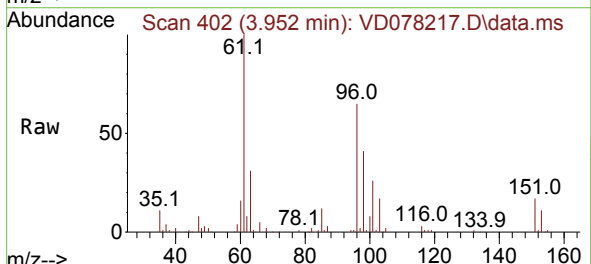
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

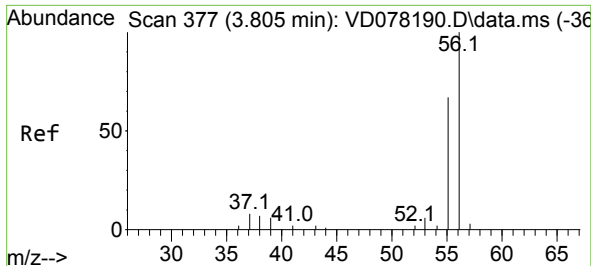
Tgt Ion: 59 Resp: 20368
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 52.191 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 96 Resp: 84620
Ion Ratio Lower Upper
96 100
61 155.0 100.6 150.8#
98 63.0 50.2 75.2





#13

Acrolein

Concen: 203.604 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

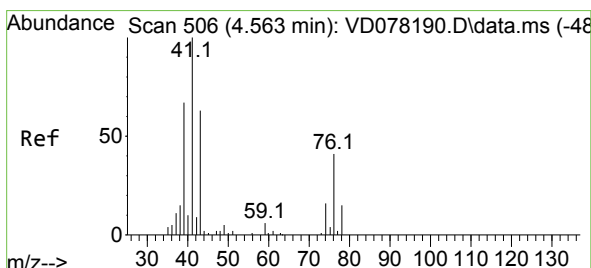
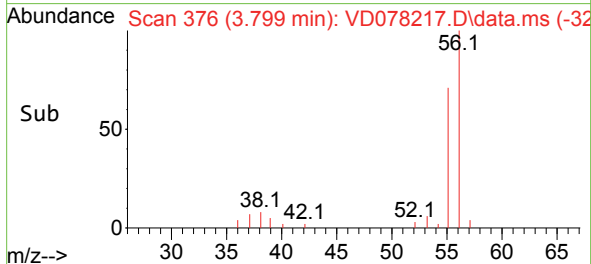
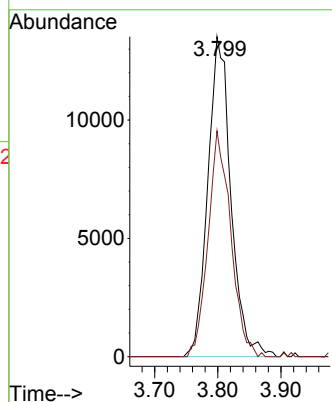
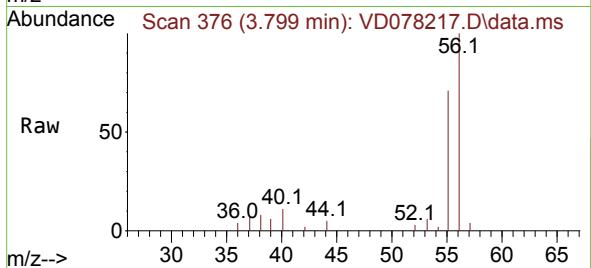
VSTDCCC050

Tgt Ion: 56 Resp: 34416

Ion Ratio Lower Upper

56 100

55 69.2 55.1 82.7



#14

Allyl chloride

Concen: 53.101 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

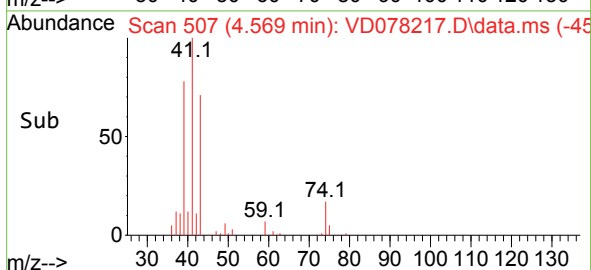
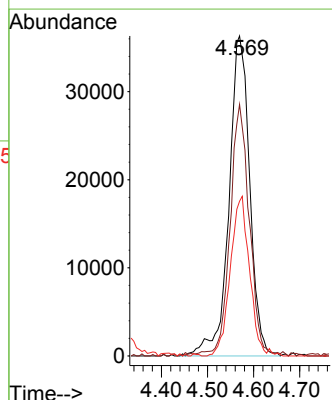
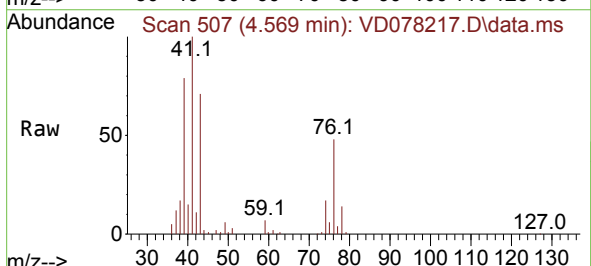
Tgt Ion: 41 Resp: 113566

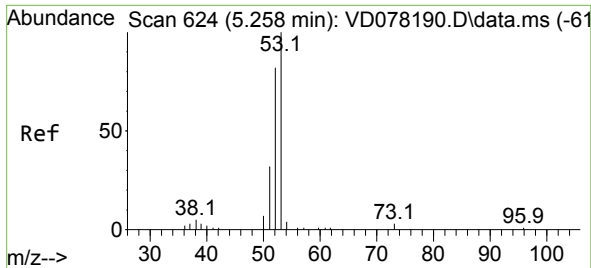
Ion Ratio Lower Upper

41 100

39 70.8 53.8 80.6

76 45.7 45.8 68.8#

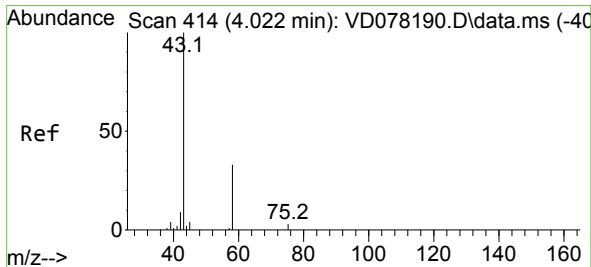
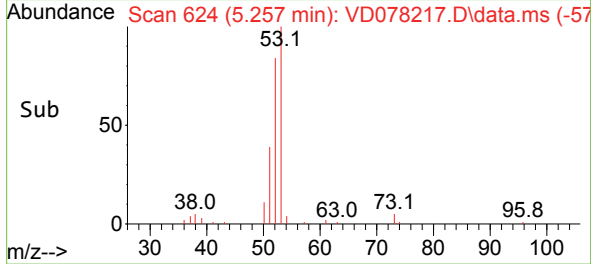
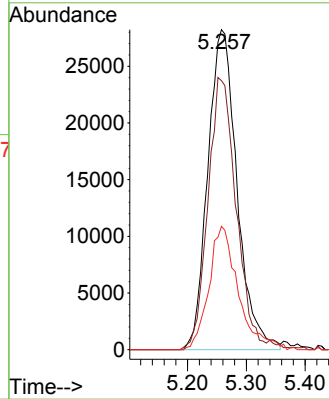
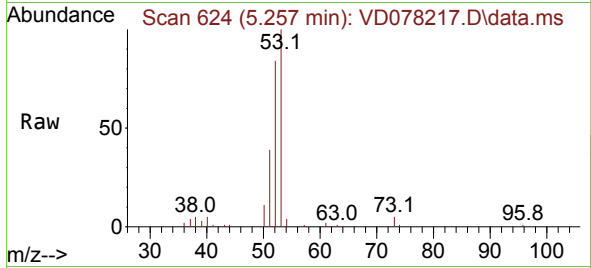




#15
Acrylonitrile
Concen: 277.630 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

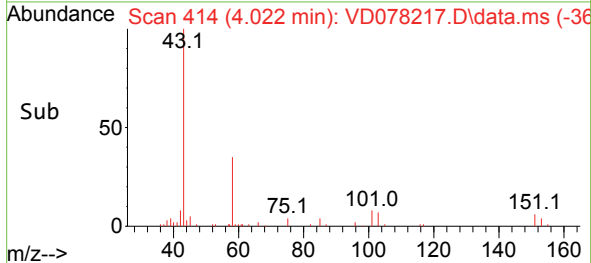
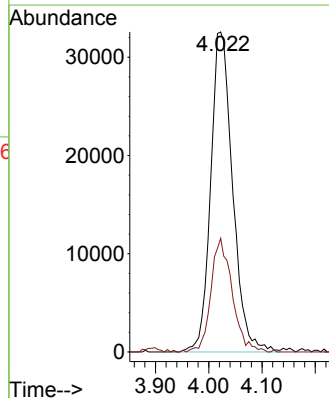
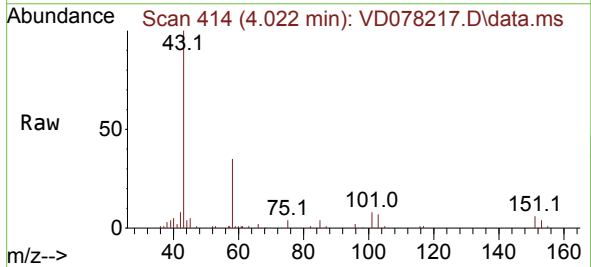
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

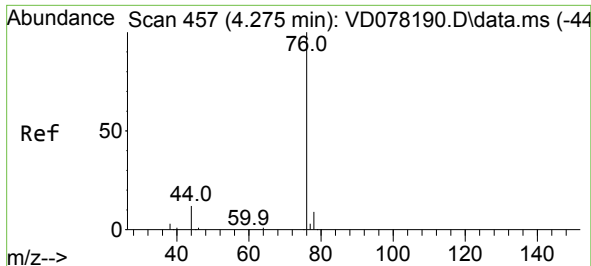
Tgt Ion:	53	Resp:	97595
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.0	97.4
51	38.9	28.3	42.5



#16
Acetone
Concen: 258.121 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:	43	Resp:	93486
Ion	Ratio	Lower	Upper
43	100		
58	35.5	34.7	52.1

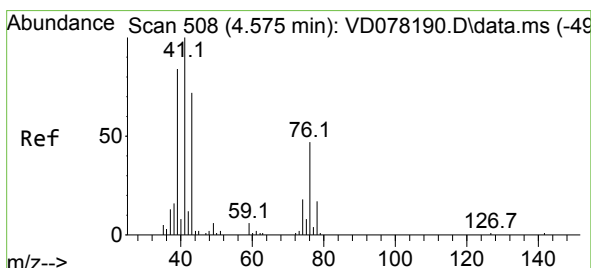
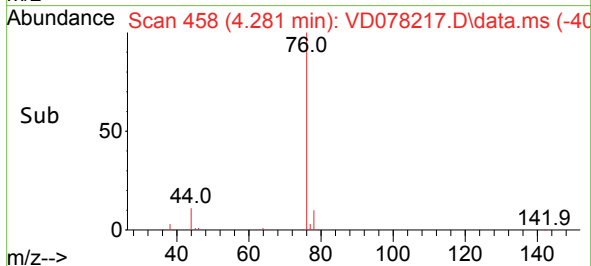
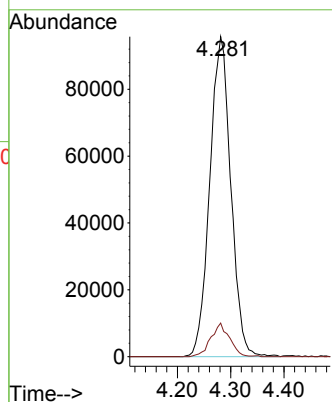
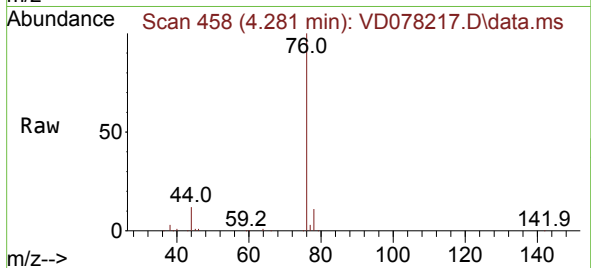




#17
Carbon Disulfide
Concen: 49.953 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

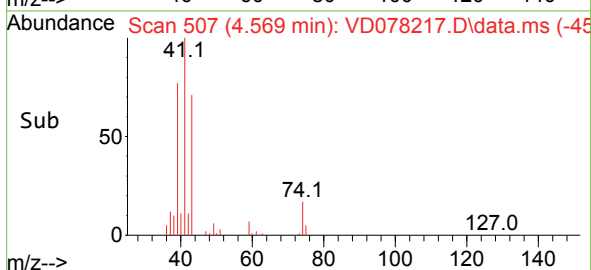
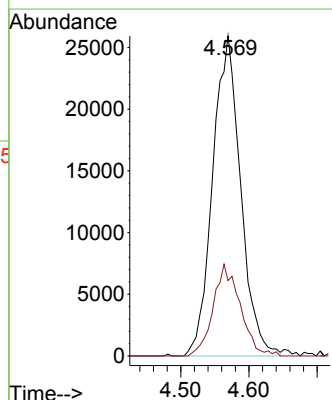
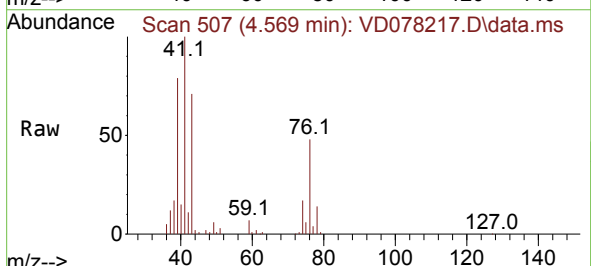
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

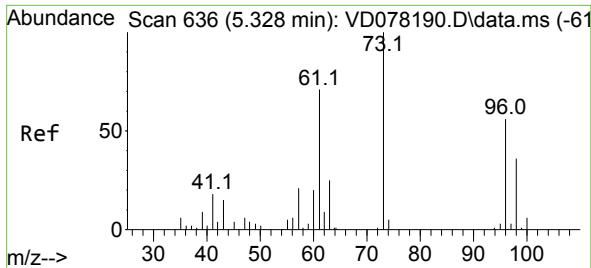
Tgt Ion: 76 Resp: 262629
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 57.575 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 43 Resp: 74088
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.553 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

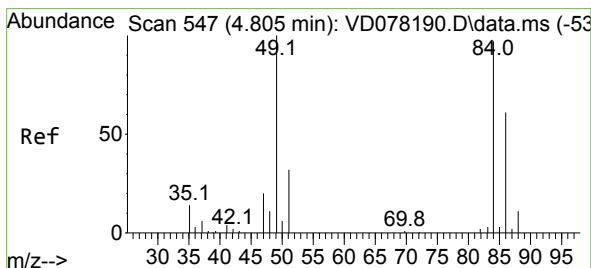
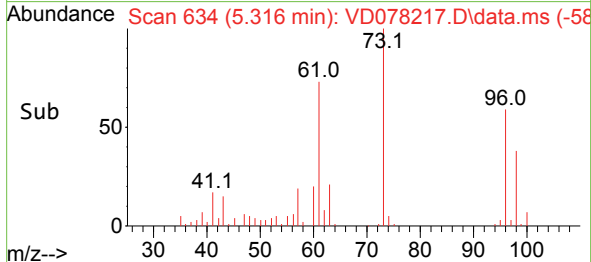
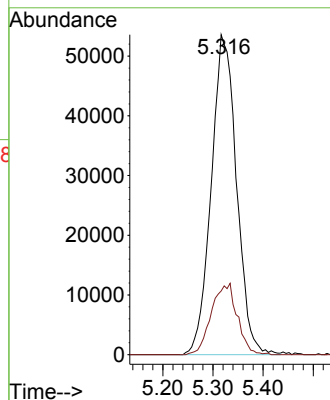
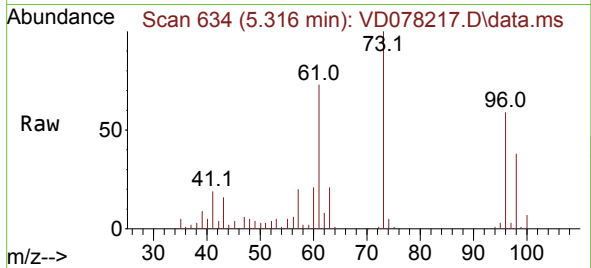
VSTDCCC050

Tgt Ion: 73 Resp: 187828

Ion Ratio Lower Upper

73 100

57 19.9 16.6 25.0



#20

Methylene Chloride

Concen: 53.989 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Tgt Ion: 84 Resp: 97311

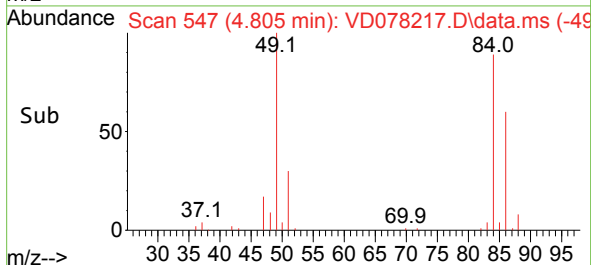
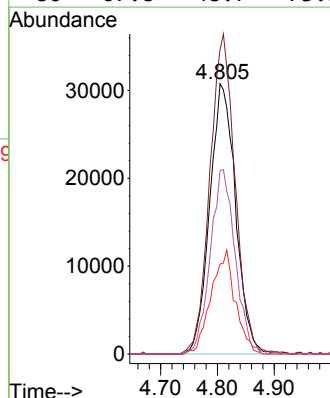
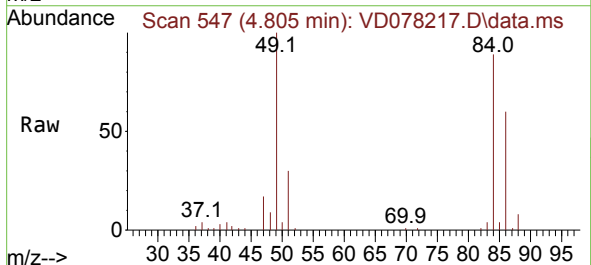
Ion Ratio Lower Upper

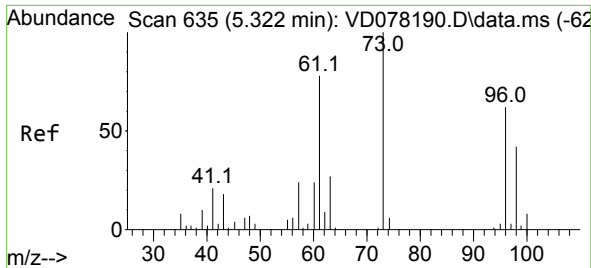
84 100

49 112.5 71.4 107.2#

51 33.3 24.5 36.7

86 67.8 48.7 73.1

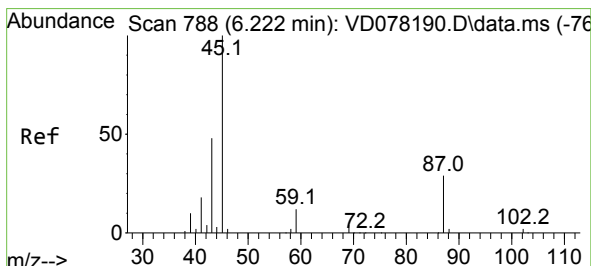
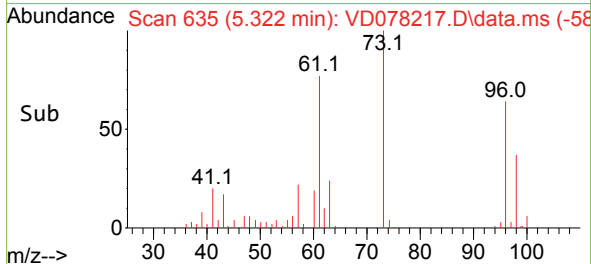
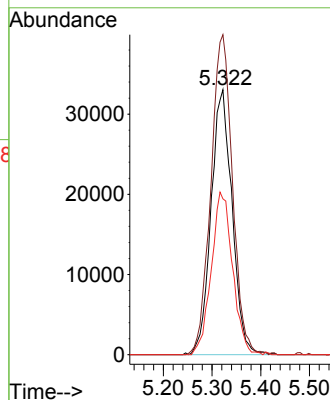
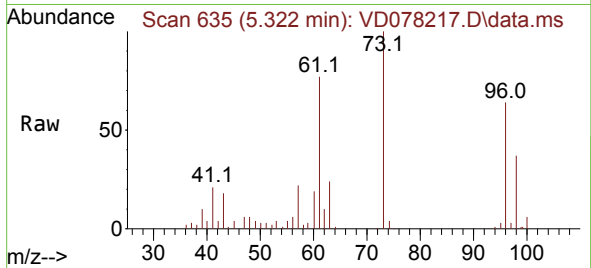




#21
trans-1,2-Dichloroethene
Concen: 52.939 ug/l
RT: 5.322 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

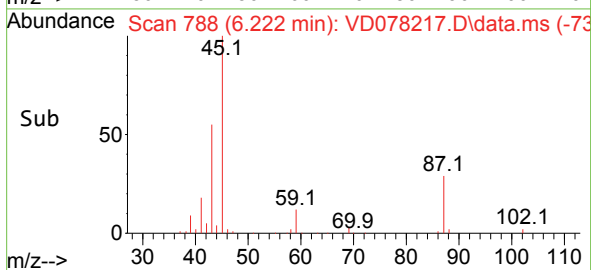
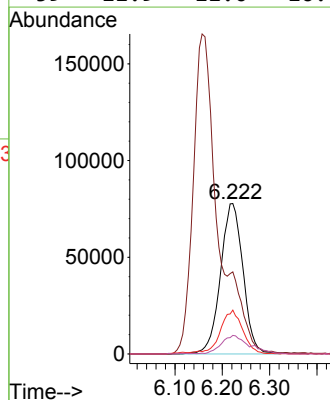
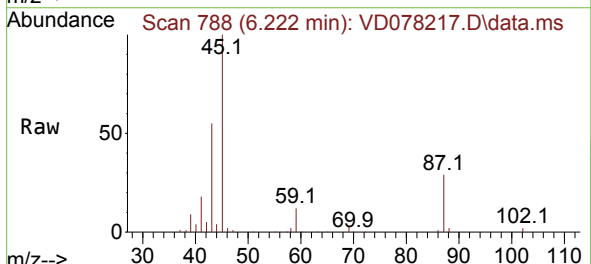
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

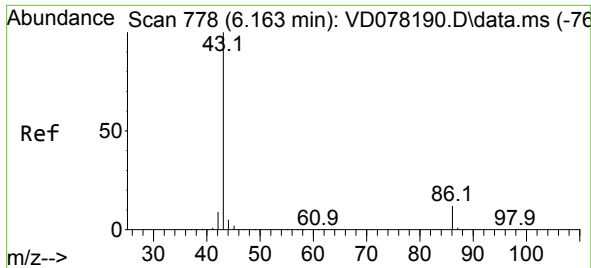
Tgt Ion:	96	Resp:	99184
Ion	Ratio	Lower	Upper
96	100		
61	120.8	89.3	133.9
98	58.8	48.6	73.0



#22
Diisopropyl ether
Concen: 56.890 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:	45	Resp:	257454
Ion	Ratio	Lower	Upper
45	100		
43	53.7	40.0	60.0
87	29.2	28.2	42.4
59	11.9	11.0	16.4

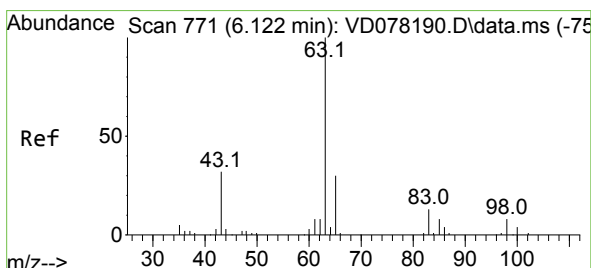
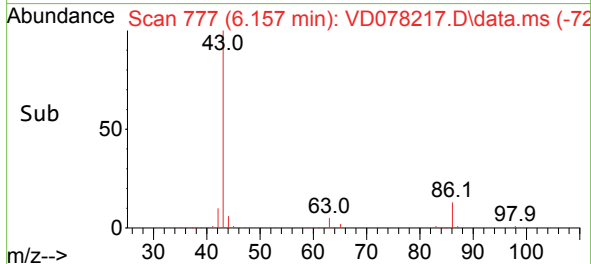
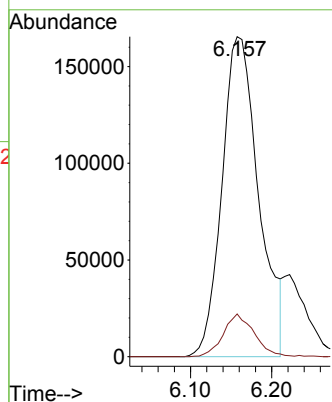
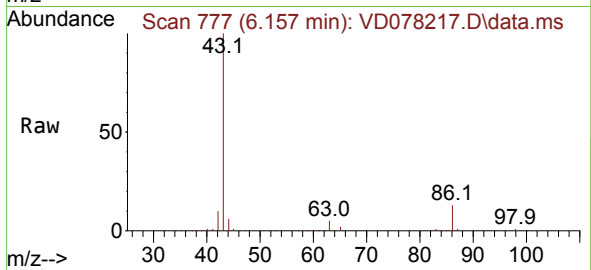




#23
 Vinyl Acetate
 Concen: 233.474 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

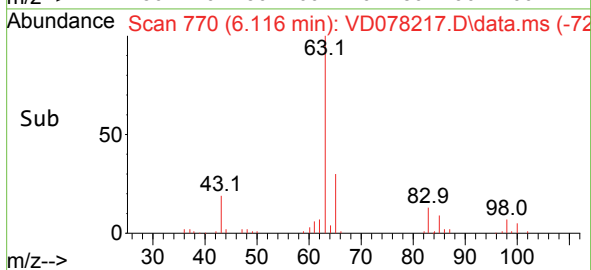
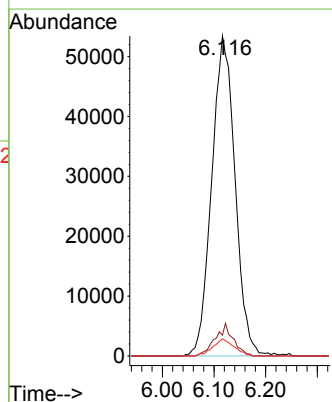
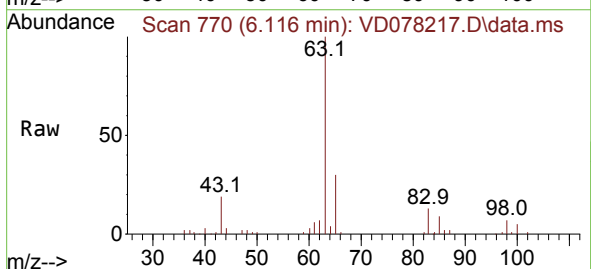
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

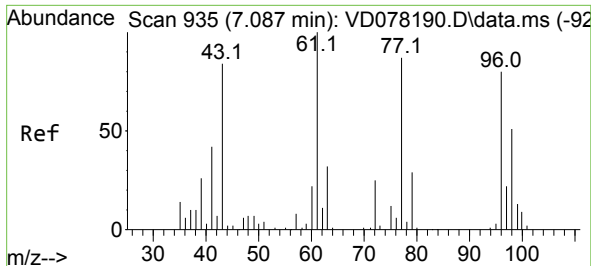
Tgt Ion: 43 Resp: 520565
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.635 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

Tgt Ion: 63 Resp: 167719
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 261.433 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

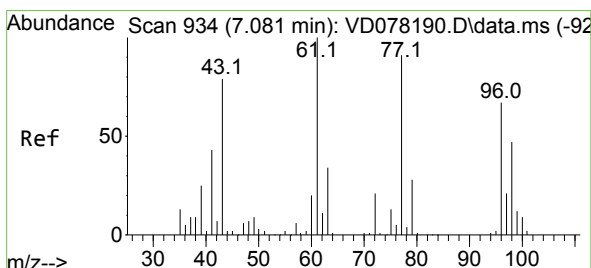
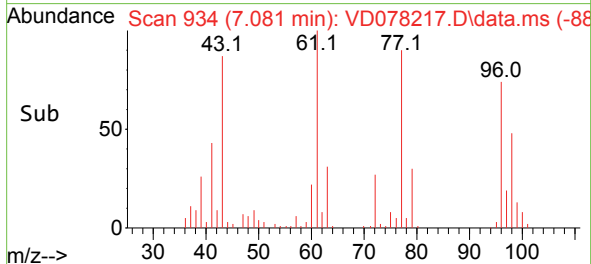
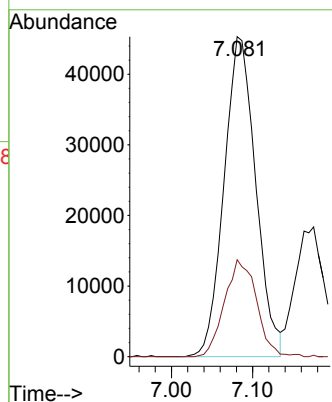
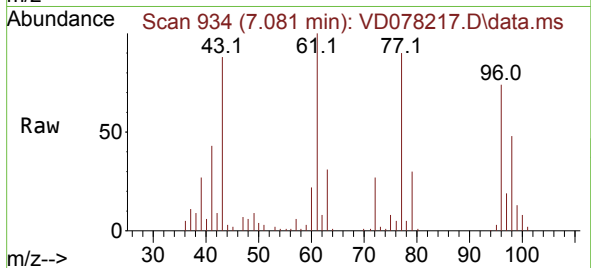
VSTDCCC050

Tgt Ion: 43 Resp: 122983

Ion Ratio Lower Upper

43 100

72 30.3 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 53.105 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078217.D

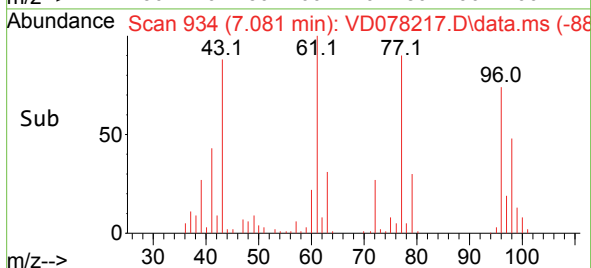
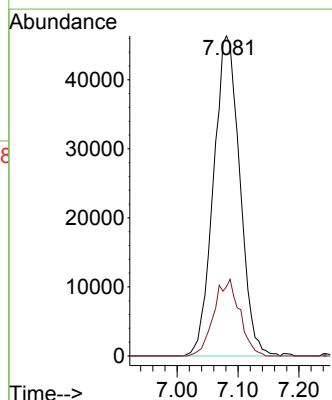
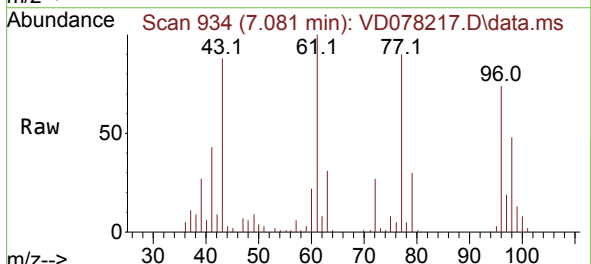
Acq: 24 Jan 2024 11:38

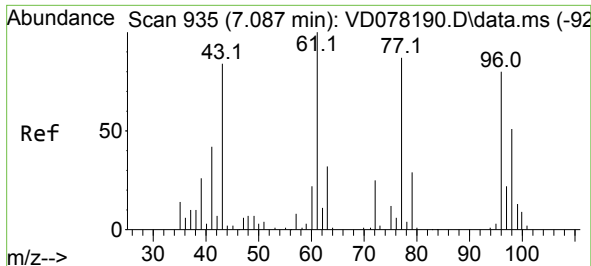
Tgt Ion: 77 Resp: 139112

Ion Ratio Lower Upper

77 100

97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 53.838 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

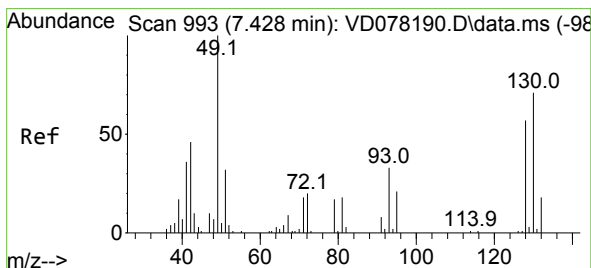
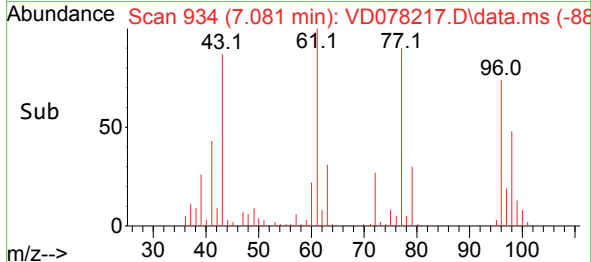
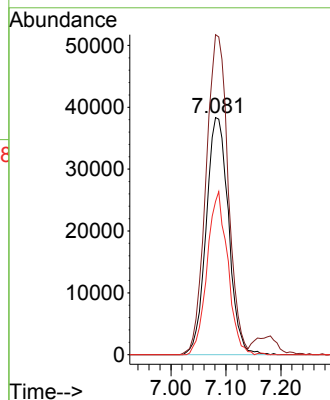
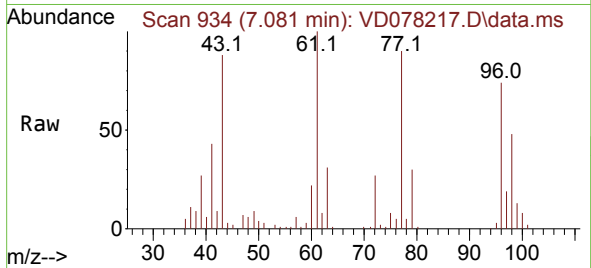
Tgt Ion: 96 Resp: 108352

Ion Ratio Lower Upper

96 100

61 133.9 0.0 239.2

98 63.4 0.0 128.6



#28

Bromochloromethane

Concen: 50.827 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

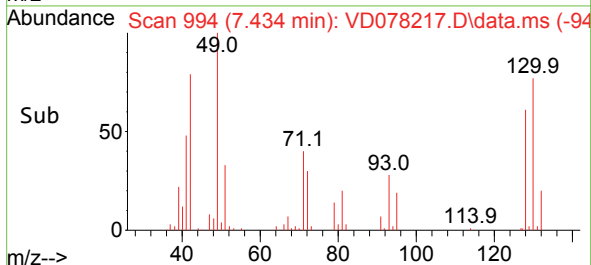
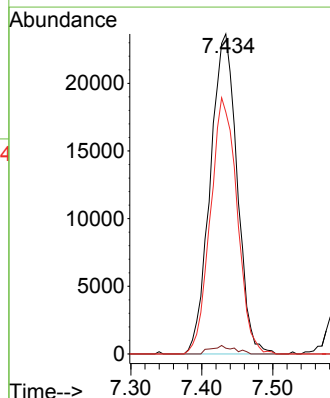
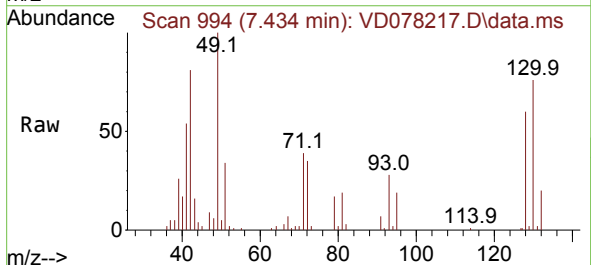
Tgt Ion: 49 Resp: 61990

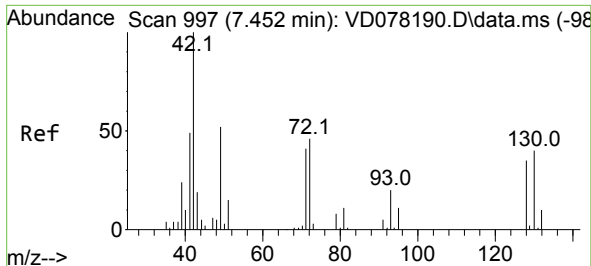
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 79.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 278.804 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

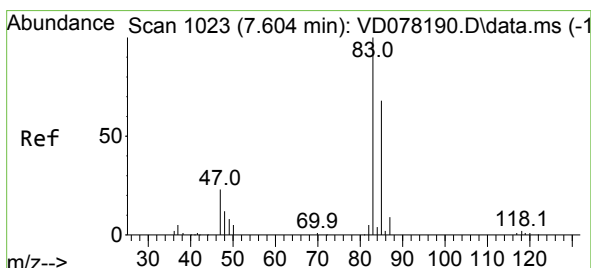
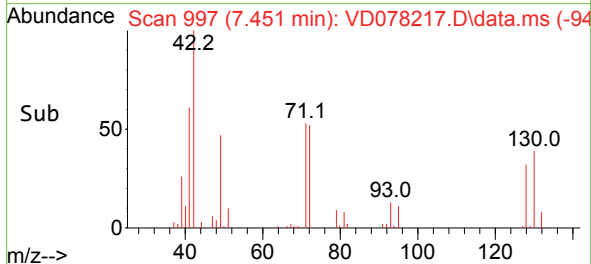
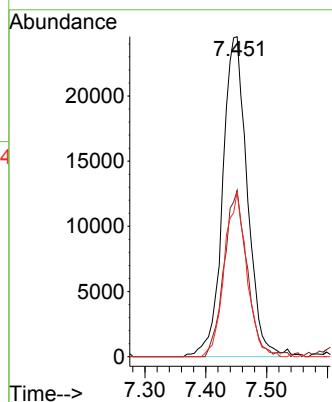
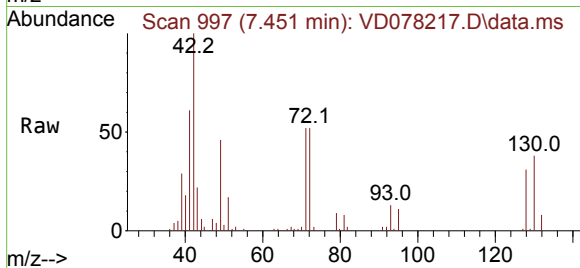
Tgt Ion: 42 Resp: 68795

Ion Ratio Lower Upper

42 100

72 48.6 46.5 69.7

71 46.9 44.5 66.7



#30

Chloroform

Concen: 54.027 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VD078217.D

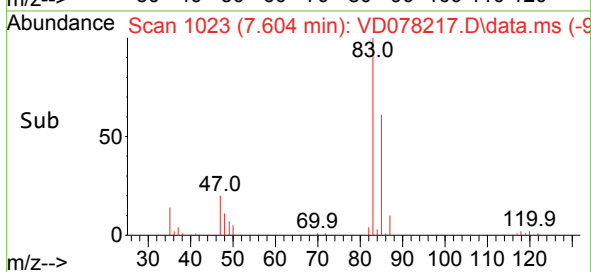
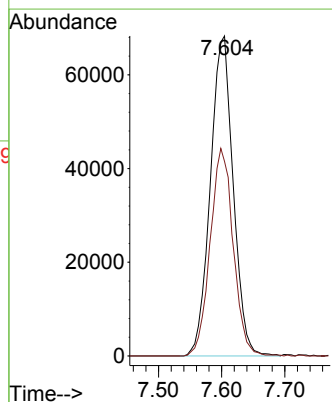
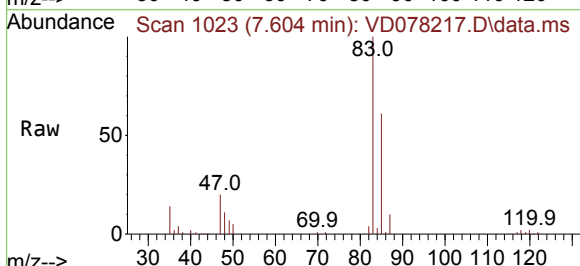
Acq: 24 Jan 2024 11:38

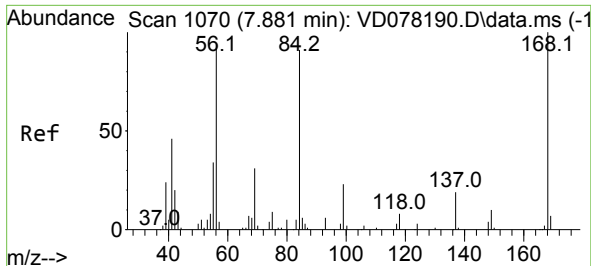
Tgt Ion: 83 Resp: 171817

Ion Ratio Lower Upper

83 100

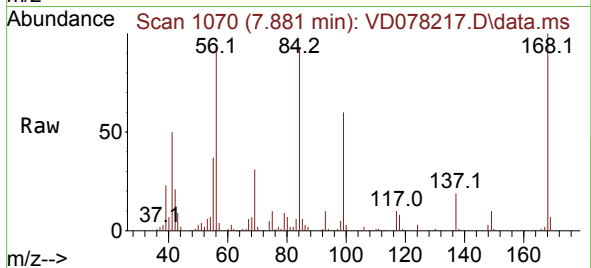
85 60.8 53.4 80.2



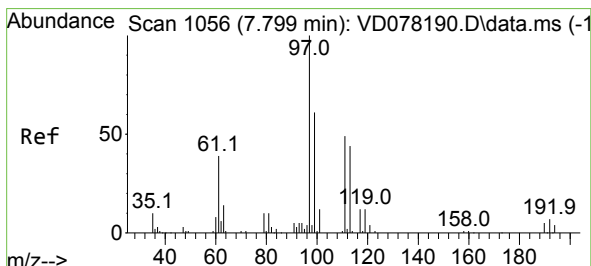
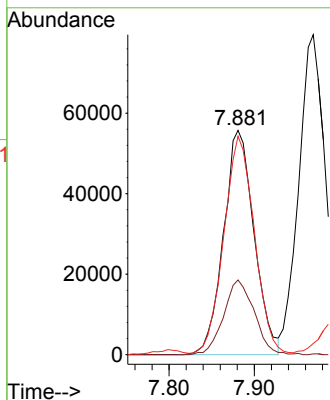
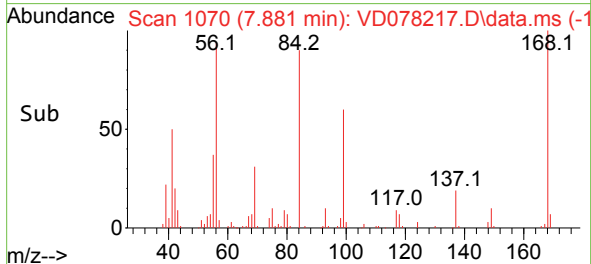


#31
Cyclohexane
Concen: 50.361 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

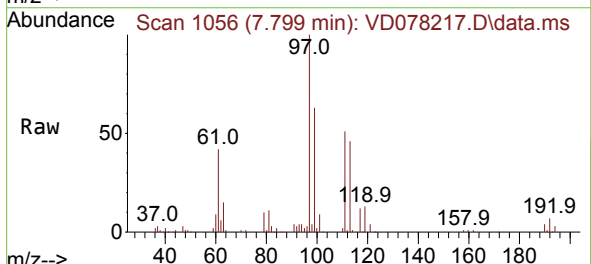
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



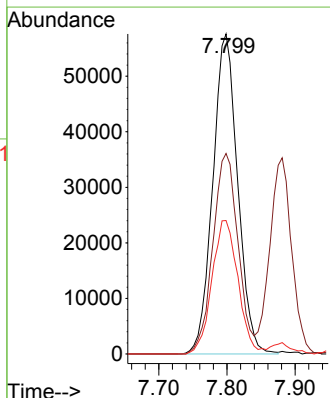
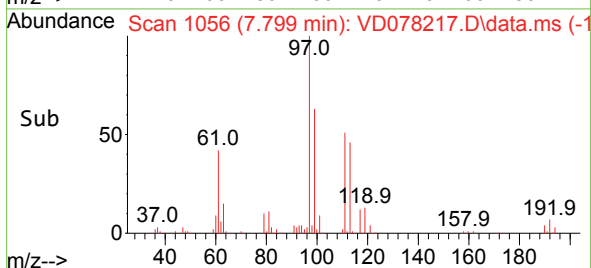
Tgt Ion: 56 Resp: 139270
Ion Ratio Lower Upper
56 100
69 33.3 28.6 43.0
84 95.6 84.8 127.2

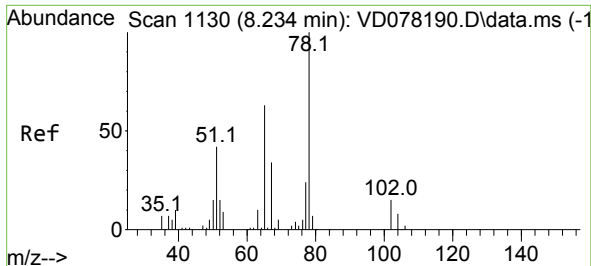


#32
1,1,1-Trichloroethane
Concen: 53.230 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38



Tgt Ion: 97 Resp: 146231
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.303 ug/l

RT: 8.240 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

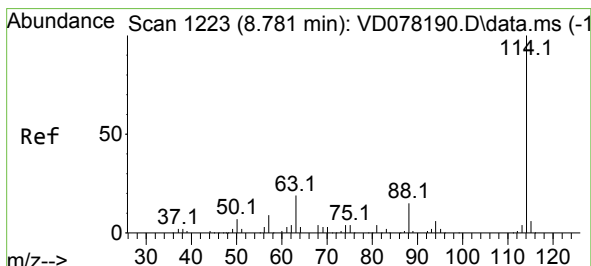
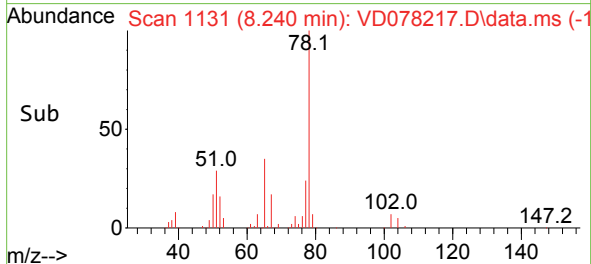
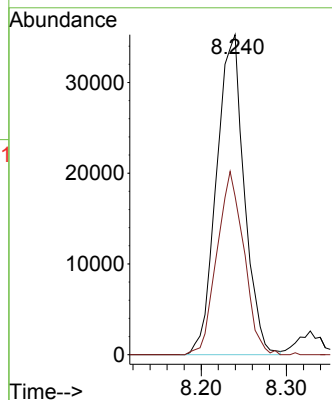
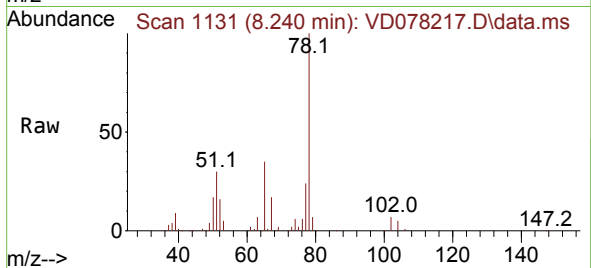
VSTDCCC050

Tgt Ion: 65 Resp: 79724

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

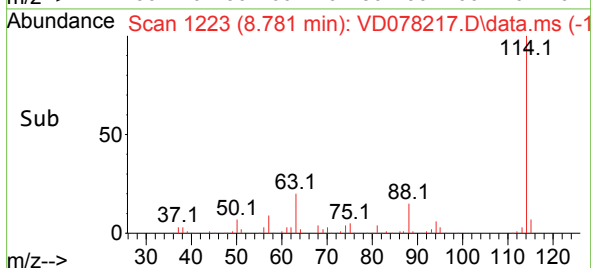
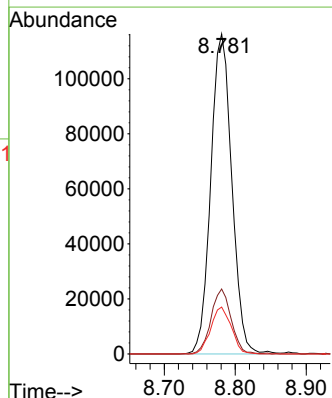
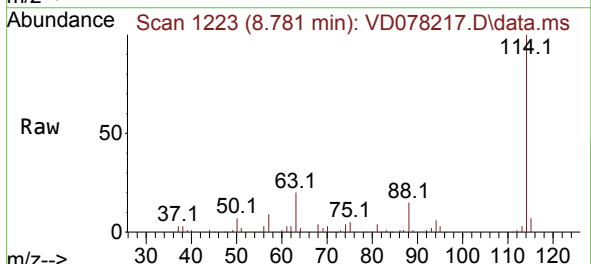
Tgt Ion: 114 Resp: 239006

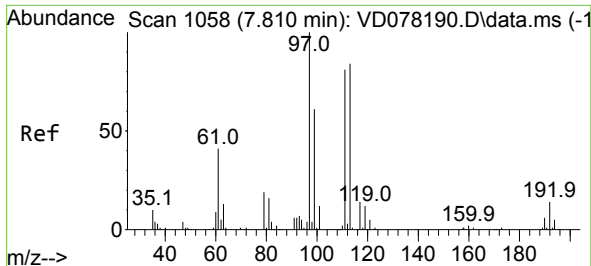
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 14.7 0.0 26.2

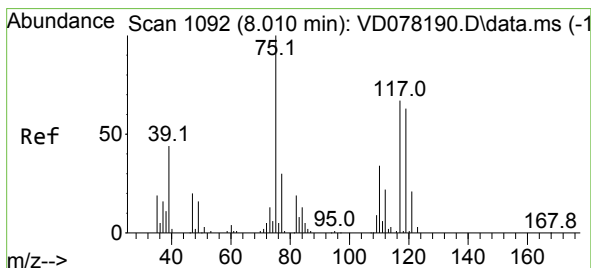
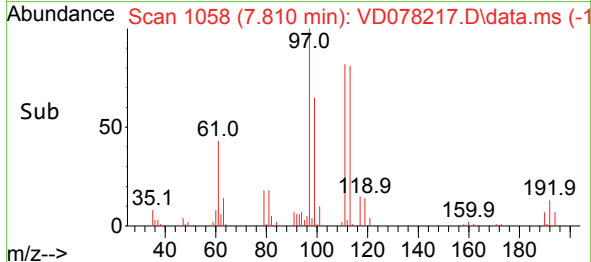
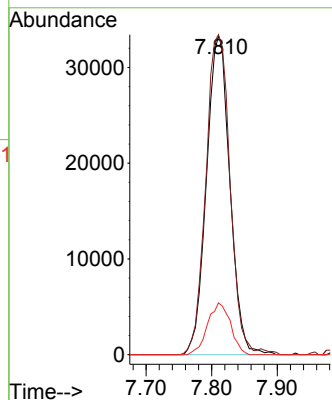
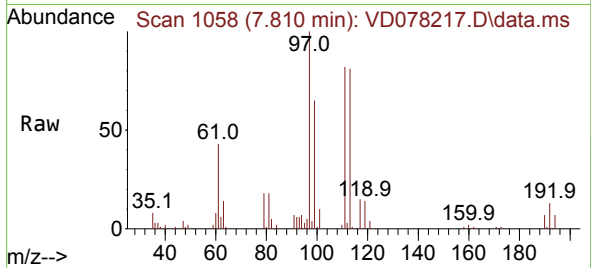




#35
Dibromofluoromethane
Concen: 52.475 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

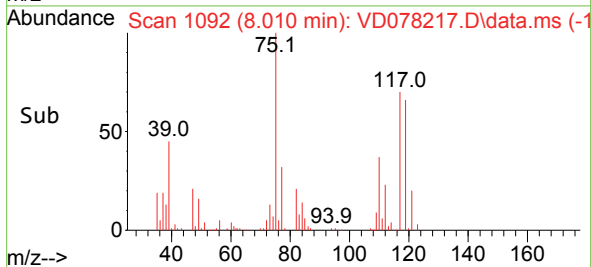
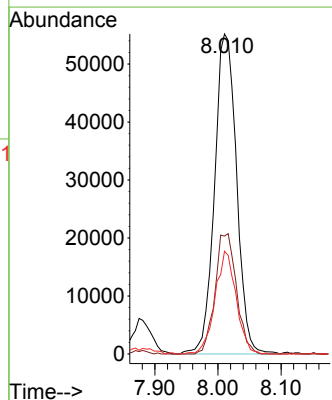
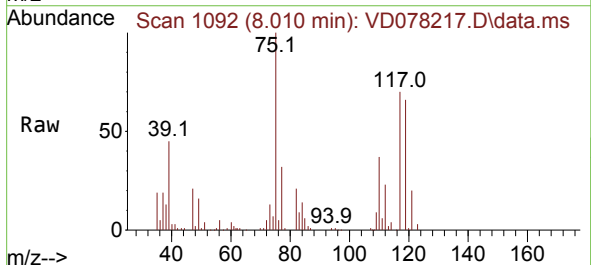
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

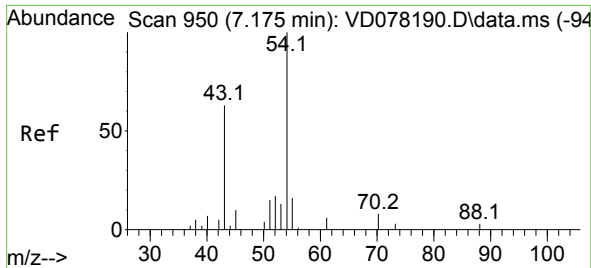
Tgt Ion:113 Resp: 82542
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 15.9 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 51.605 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 75 Resp: 133488
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 30.8 24.7 37.1

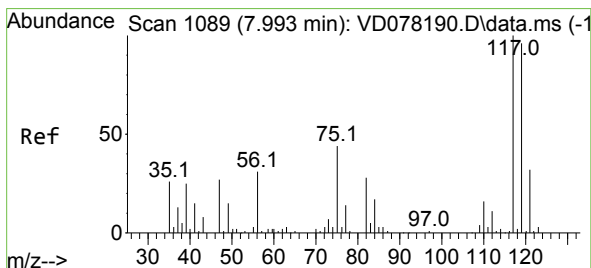
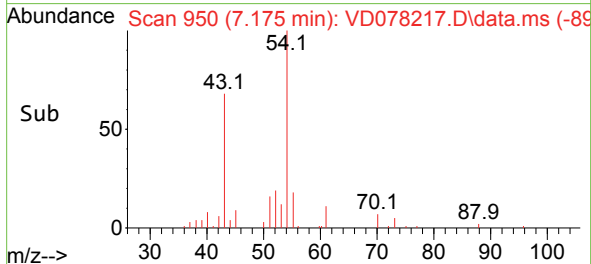
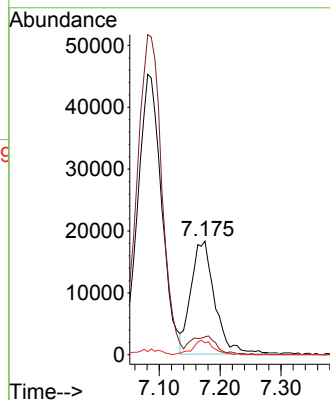
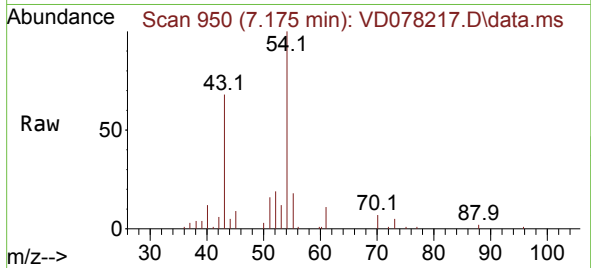




#37
Ethyl Acetate
Concen: 51.573 ug/l
RT: 7.175 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

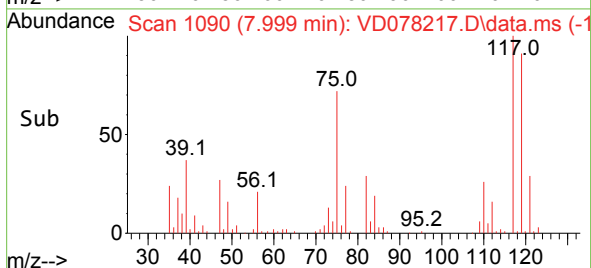
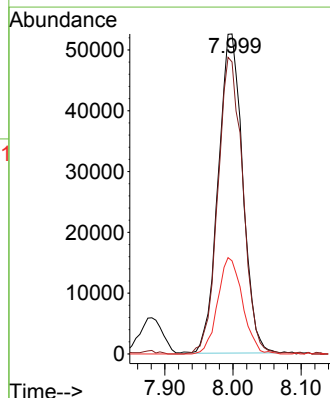
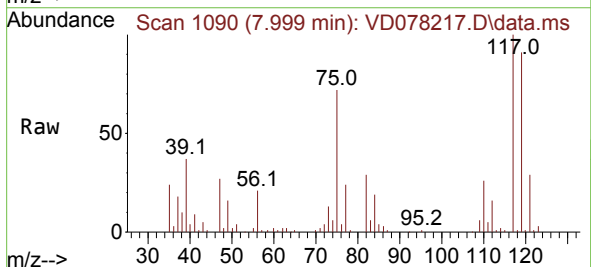
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

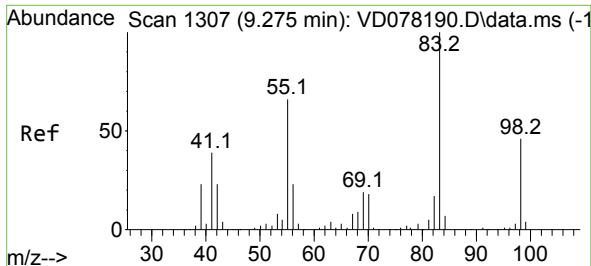
Tgt Ion:	43	Resp:	49663
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.9	22.3
70	11.0	10.0	15.0



#38
Carbon Tetrachloride
Concen: 51.388 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:	117	Resp:	131279
Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.0	117.0
121	29.2	24.2	36.2





#39

Methylcyclohexane

Concen: 53.073 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

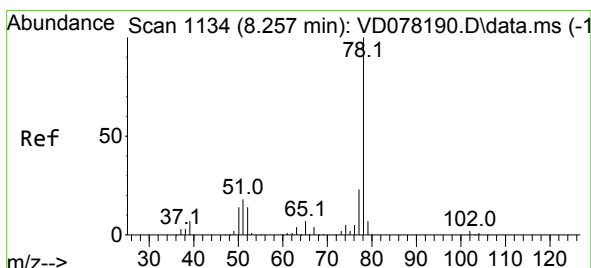
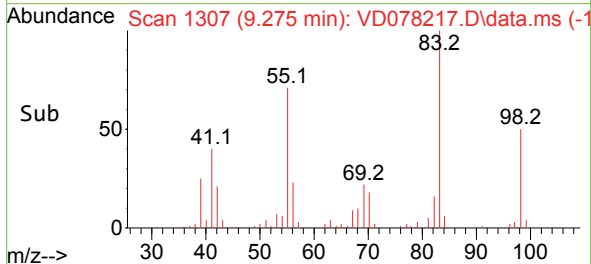
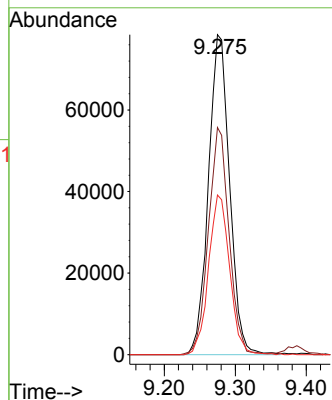
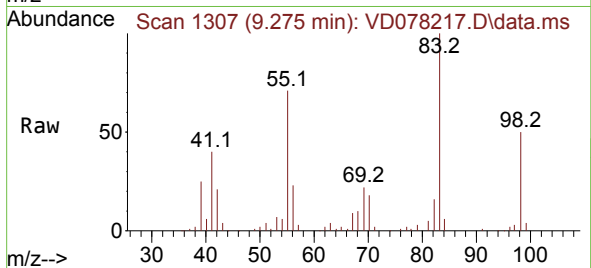
Tgt Ion: 83 Resp: 162354

Ion Ratio Lower Upper

83 100

55 71.0 49.4 74.0

98 49.9 38.4 57.6



#40

Benzene

Concen: 52.559 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VD078217.D

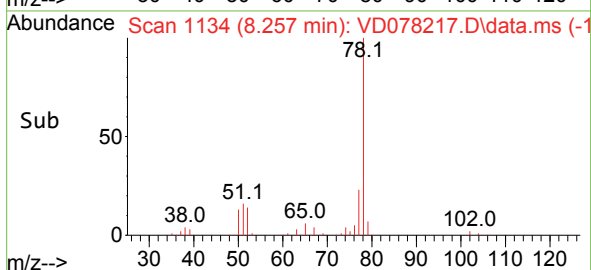
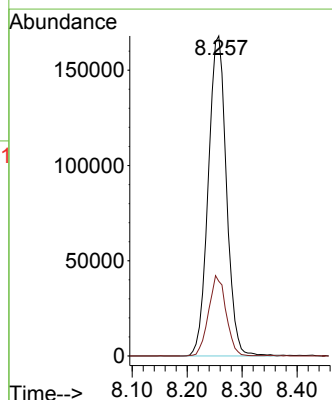
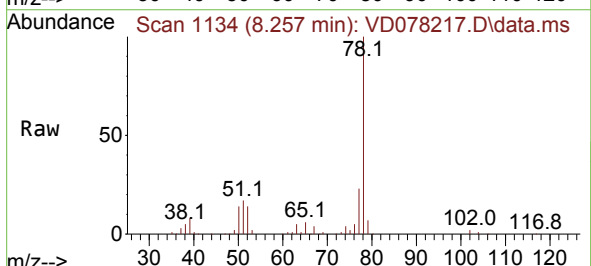
Acq: 24 Jan 2024 11:38

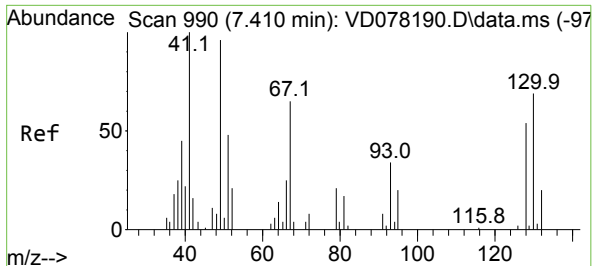
Tgt Ion: 78 Resp: 385812

Ion Ratio Lower Upper

78 100

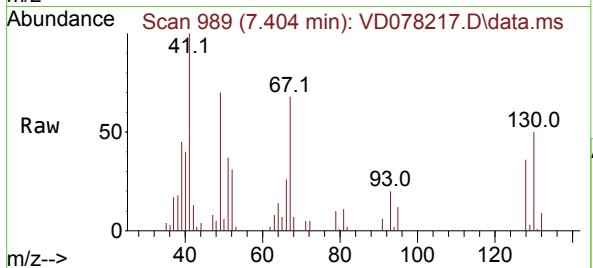
77 23.4 19.4 29.0





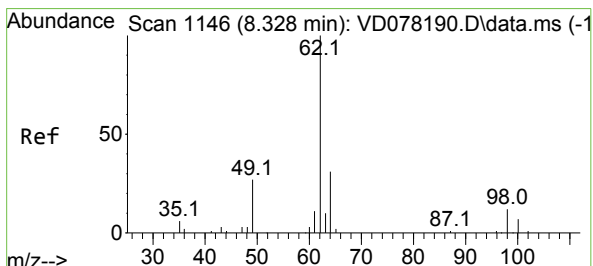
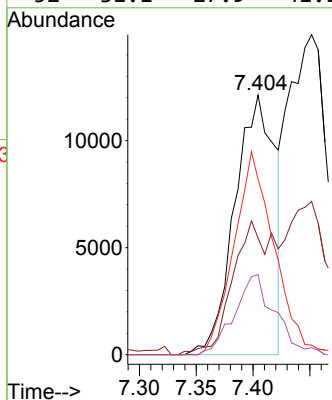
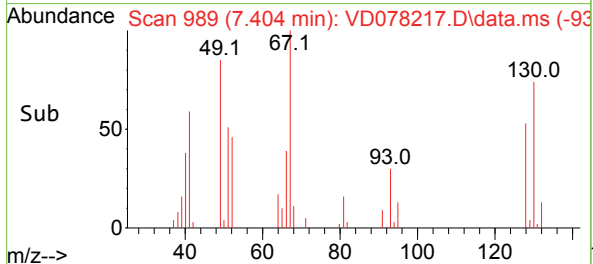
#41
Methacrylonitrile
Concen: 56.325 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 29782

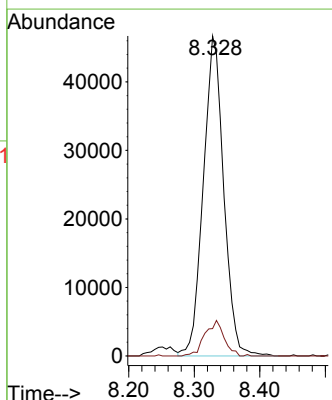
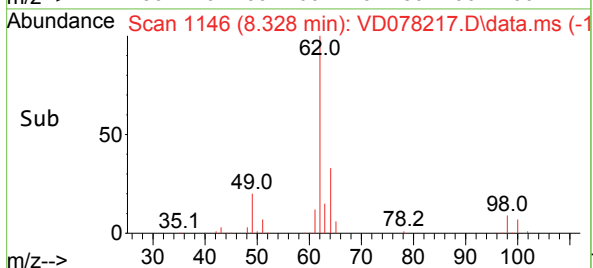
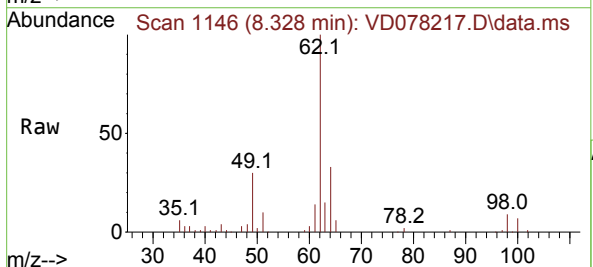
Ion	Ratio	Lower	Upper
41	100		
39	40.3	34.0	51.0
67	78.6	77.0	115.4
52	31.1	27.9	41.9

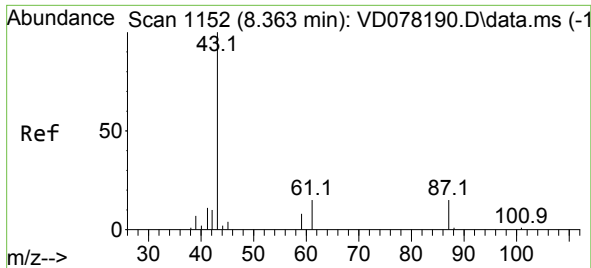


#42
1,2-Dichloroethane
Concen: 52.976 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 62 Resp: 101180

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	25.4

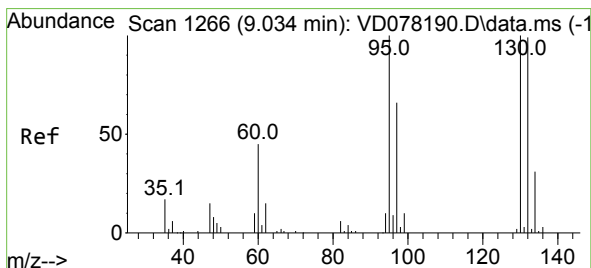
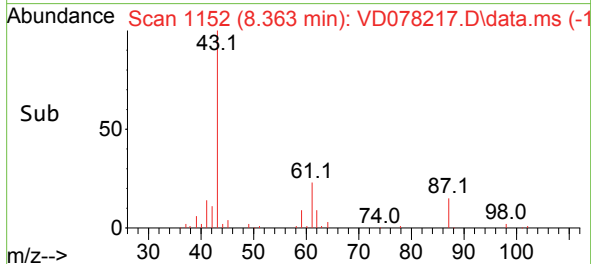
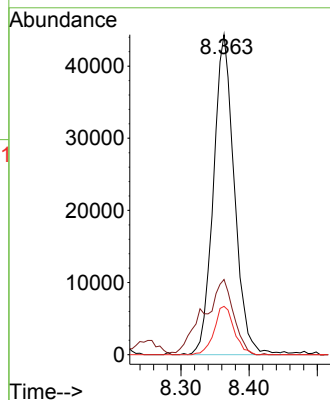
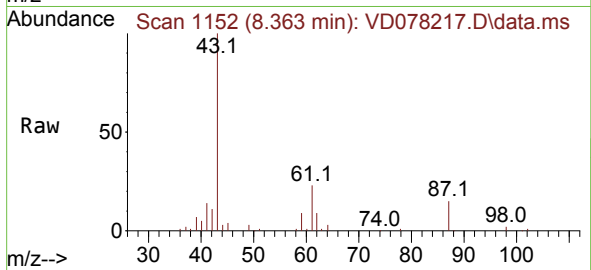




#43
Isopropyl Acetate
Concen: 53.593 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

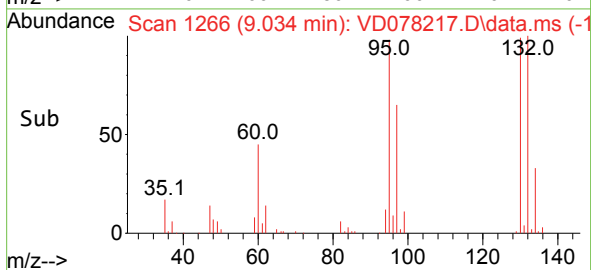
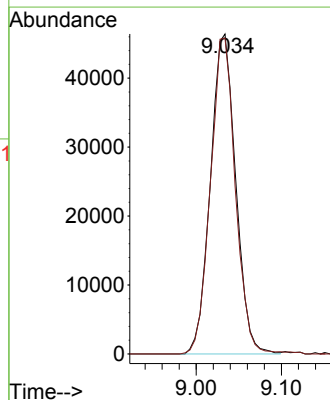
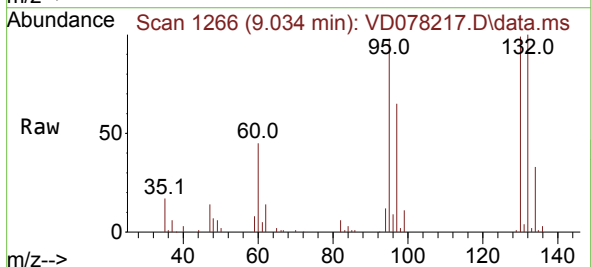
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

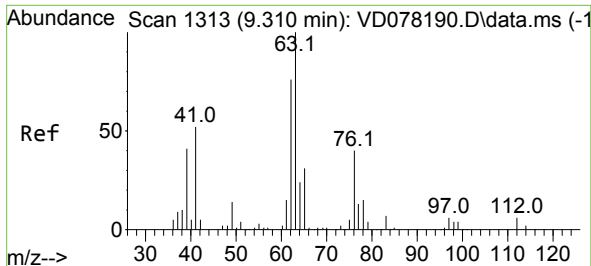
Tgt Ion: 43 Resp: 94550
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 51.009 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:130 Resp: 95792
Ion Ratio Lower Upper
130 100
95 98.7 0.0 179.2

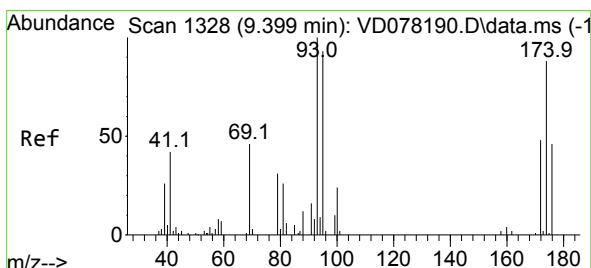
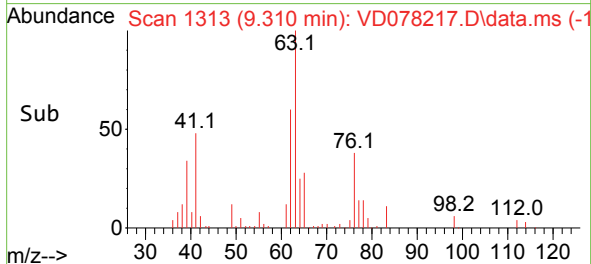
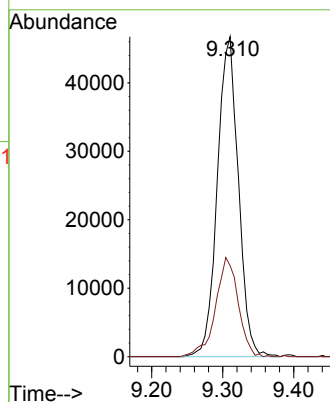
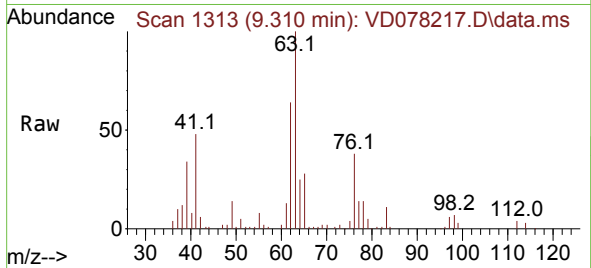




#45
1,2-Dichloropropane
Concen: 52.695 ug/l
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

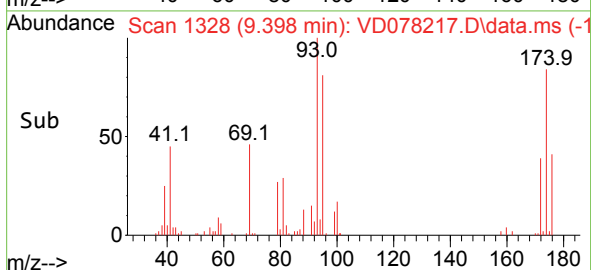
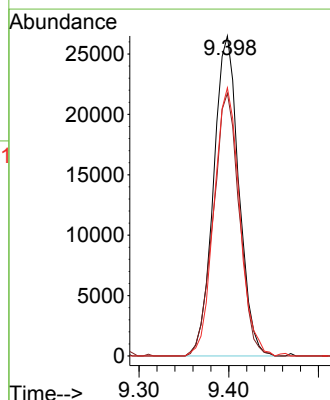
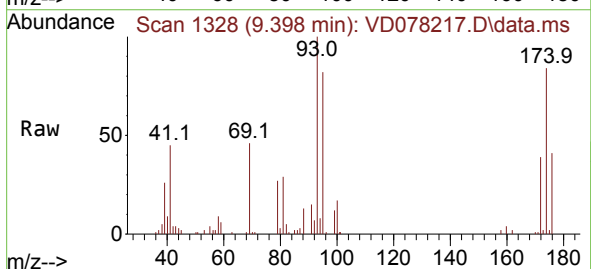
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

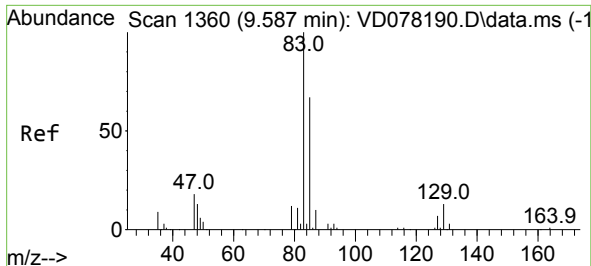
Tgt Ion: 63 Resp: 95983
Ion Ratio Lower Upper
63 100
65 28.4 24.5 36.7



#46
Dibromomethane
Concen: 51.863 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 93 Resp: 51879
Ion Ratio Lower Upper
93 100
95 84.3 67.7 101.5
174 85.4 85.4 128.2#

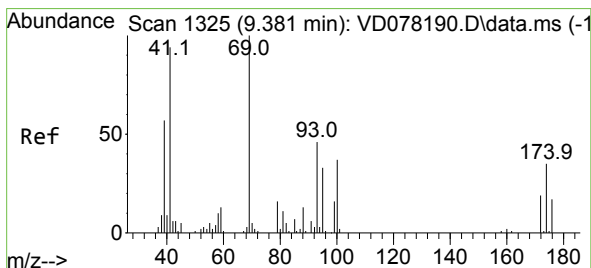
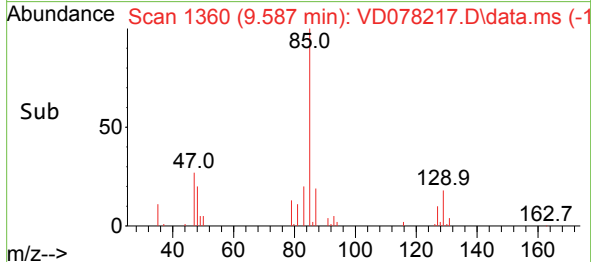
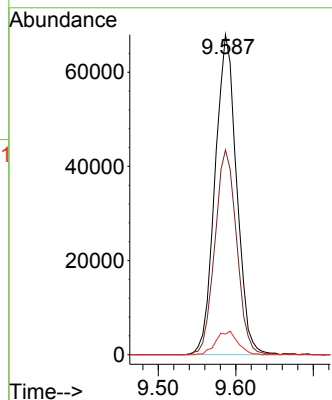
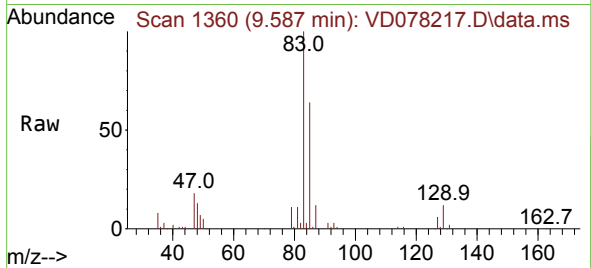




#47
Bromodichloromethane
Concen: 52.304 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

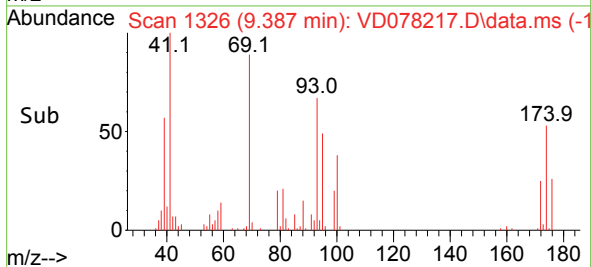
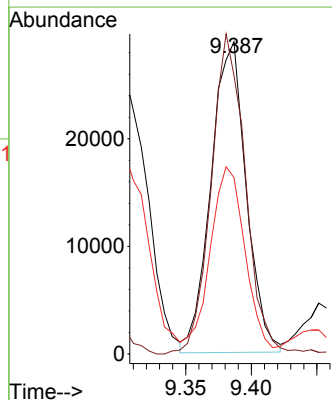
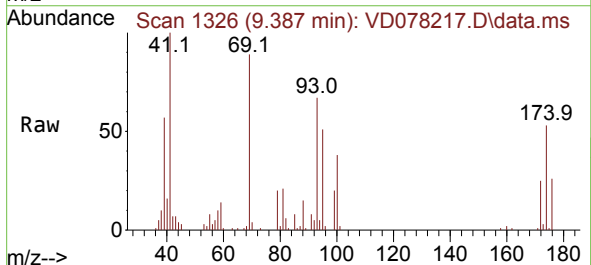
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

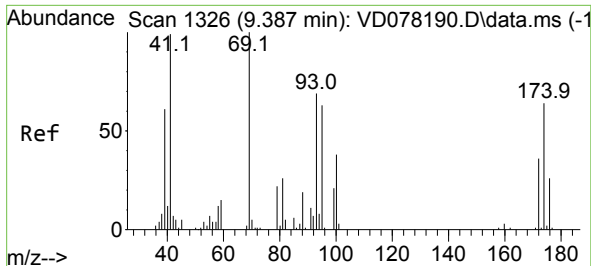
Tgt Ion: 83 Resp: 131428
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 6.4 6.3 9.5



#48
Methyl methacrylate
Concen: 52.866 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 41 Resp: 53997
Ion Ratio Lower Upper
41 100
69 100.4 102.2 153.2#
39 55.4 41.4 62.2





#49

1,4-Dioxane

Concen: 1039.874 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

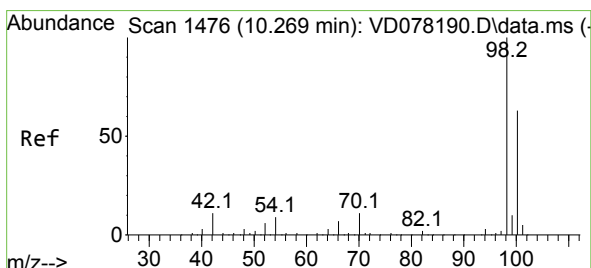
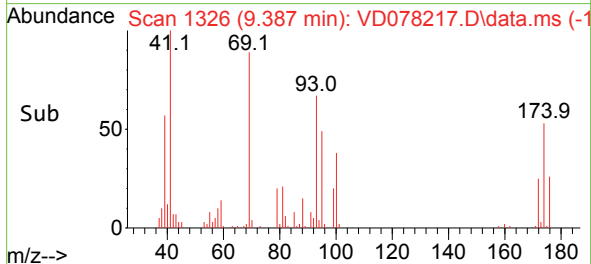
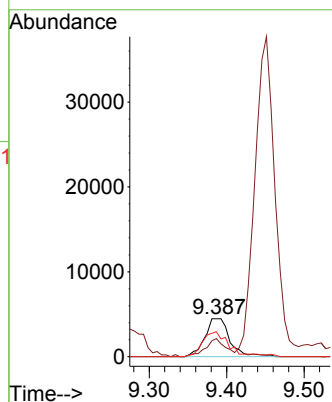
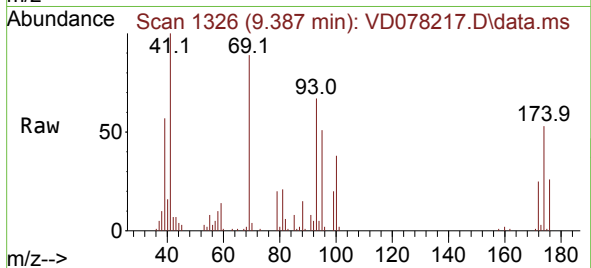
Tgt Ion: 88 Resp: 10065

Ion Ratio Lower Upper

88 100

43 37.8 19.0 28.6#

58 70.9 43.5 65.3#



#50

Toluene-d8

Concen: 52.272 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078217.D

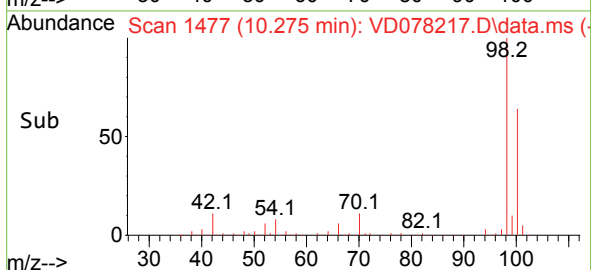
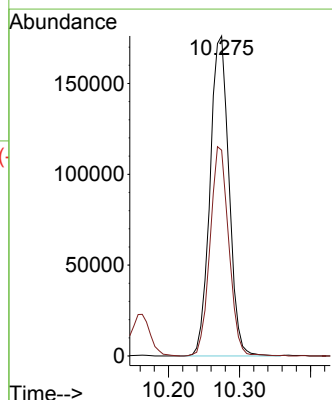
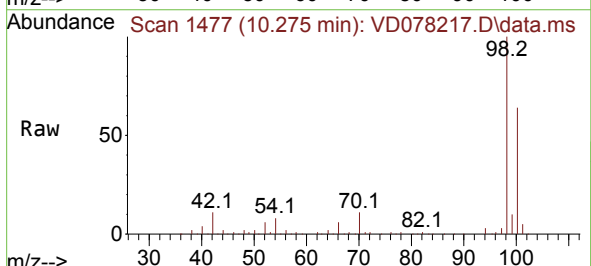
Acq: 24 Jan 2024 11:38

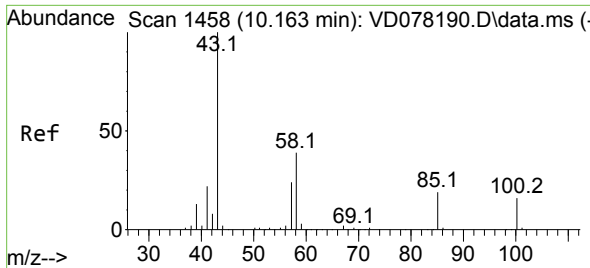
Tgt Ion: 98 Resp: 325573

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

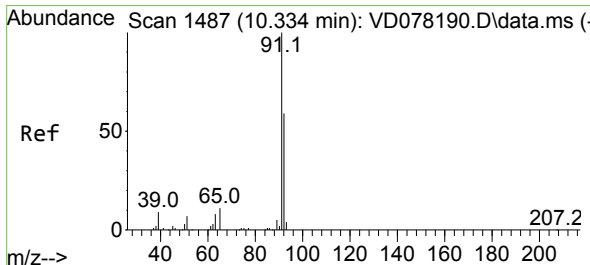
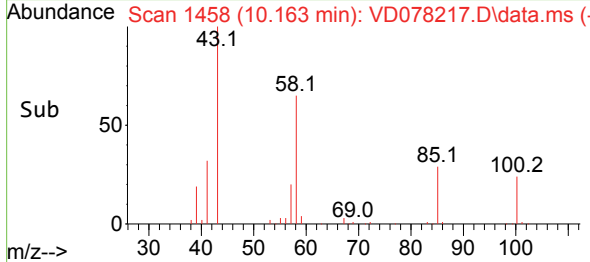
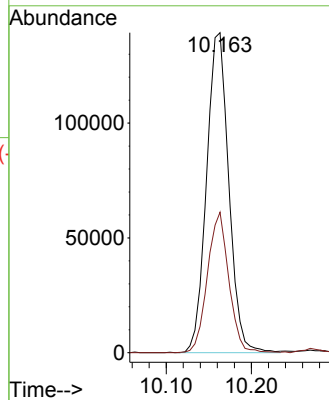
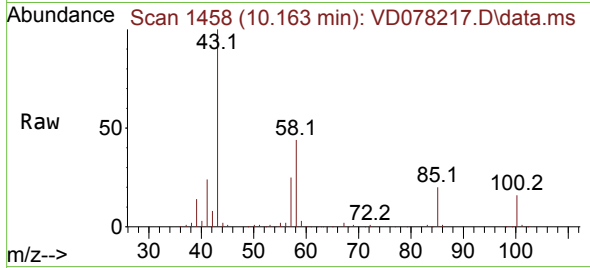




#51
4-Methyl-2-Pentanone
Concen: 272.630 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

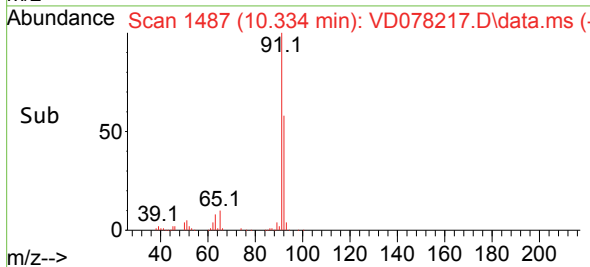
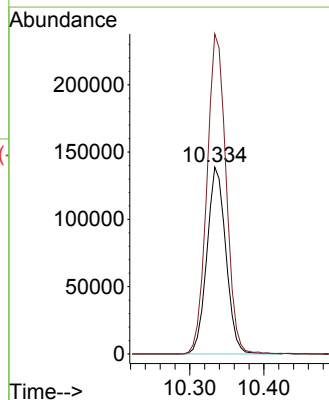
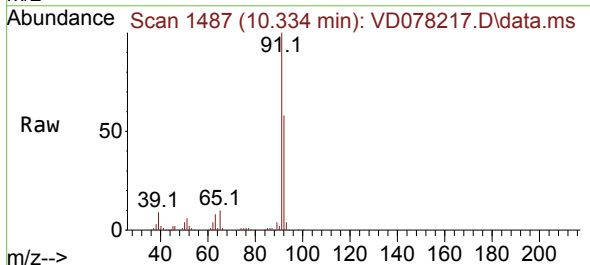
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

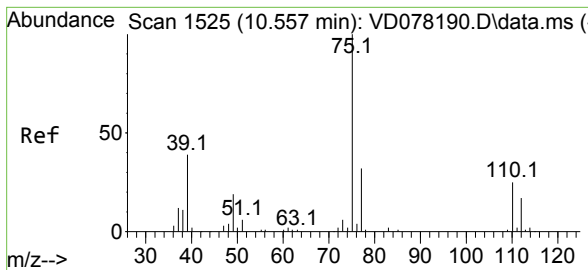
Tgt Ion: 43 Resp: 252747
Ion Ratio Lower Upper
43 100
58 42.3 38.9 58.3



#52
Toluene
Concen: 53.113 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 92 Resp: 247128
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4

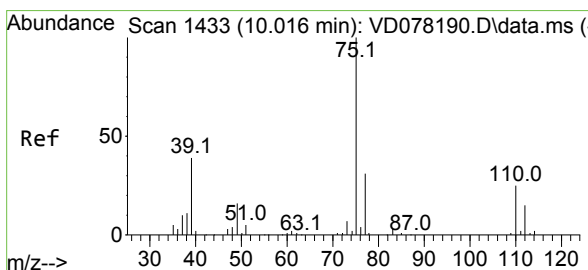
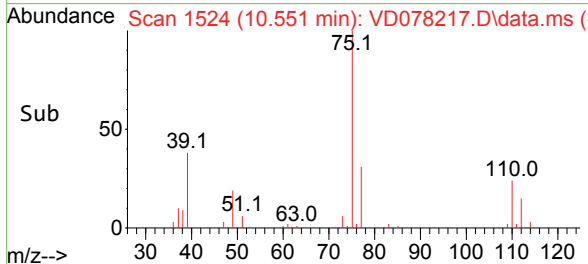
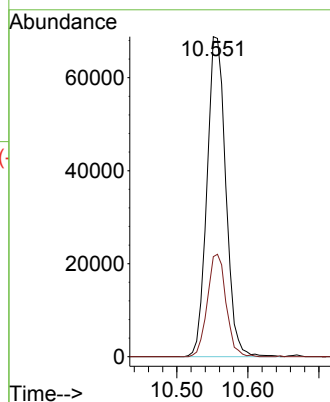
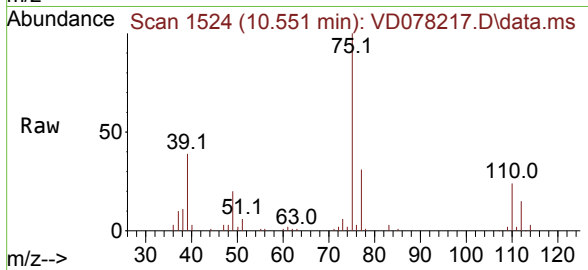




#53
 t-1,3-Dichloropropene
 Concen: 54.625 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

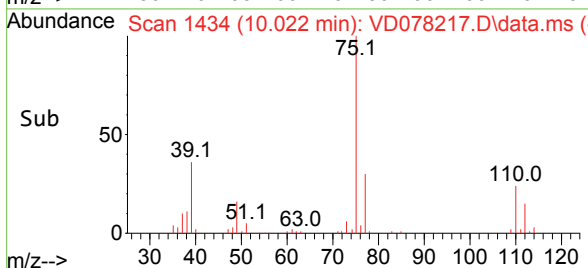
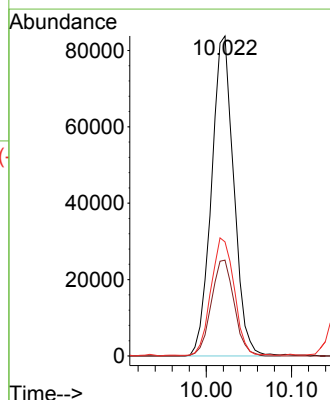
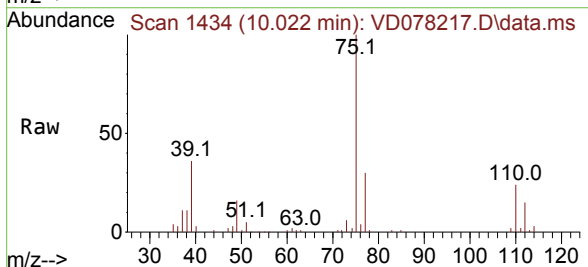
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

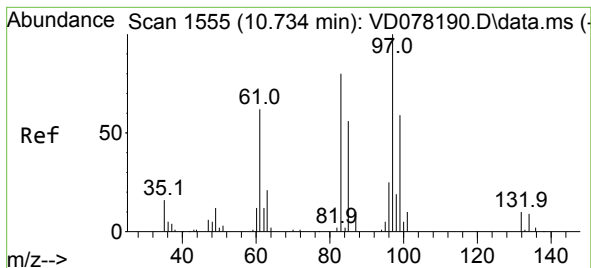
Tgt Ion: 75 Resp: 126630
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.942 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

Tgt Ion: 75 Resp: 152685
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.5 38.3
 39 35.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.132 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 71118

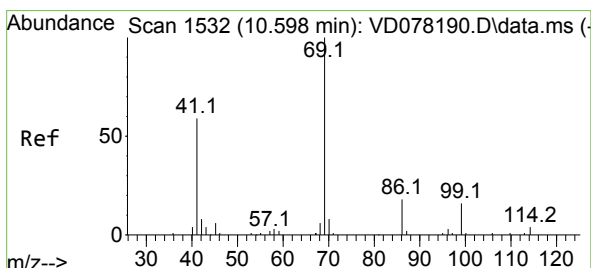
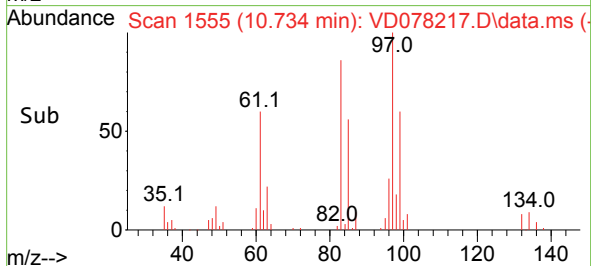
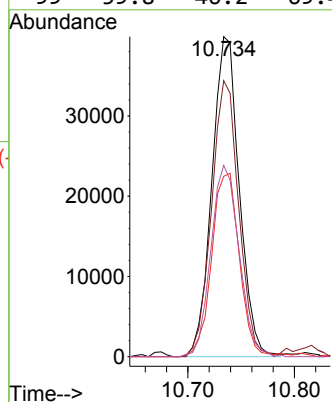
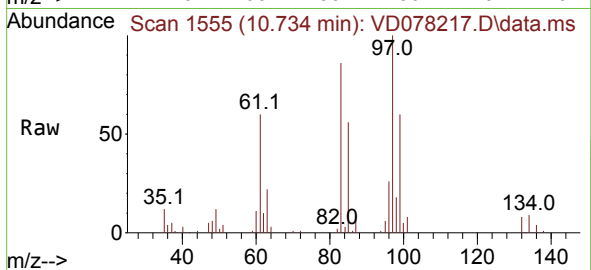
Ion Ratio Lower Upper

97 100

83 86.3 65.8 98.6

85 56.3 45.7 68.5

99 59.8 46.2 69.4



#56

Ethyl methacrylate

Concen: 56.919 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

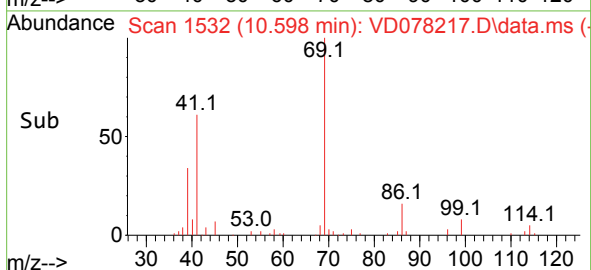
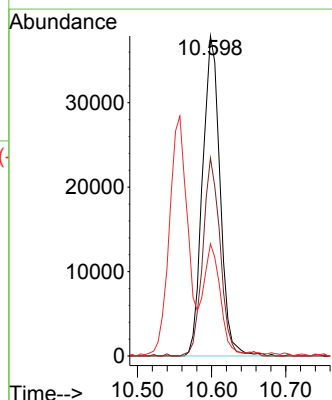
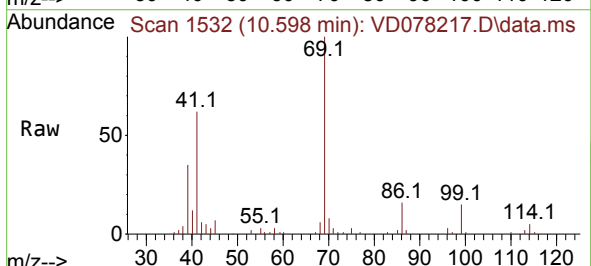
Tgt Ion: 69 Resp: 62366

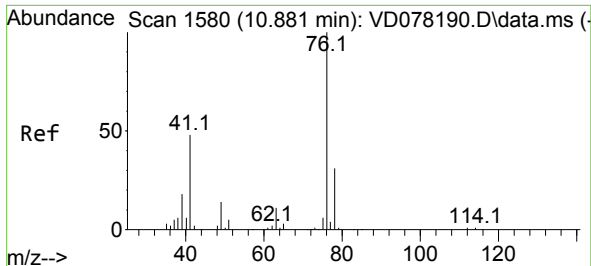
Ion Ratio Lower Upper

69 100

41 61.3 39.1 58.7#

39 31.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.882 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

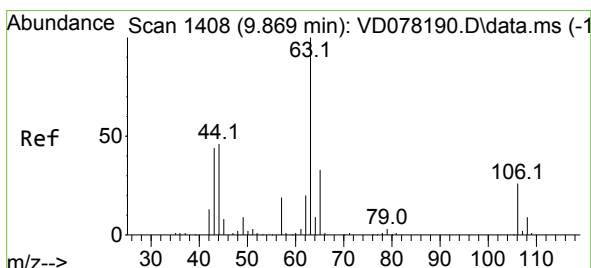
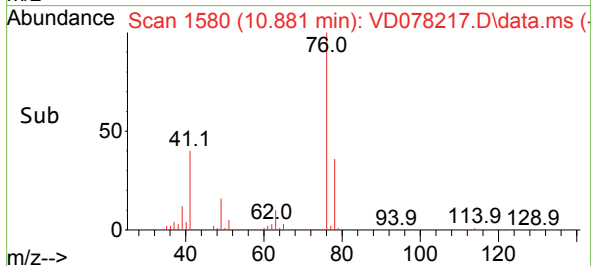
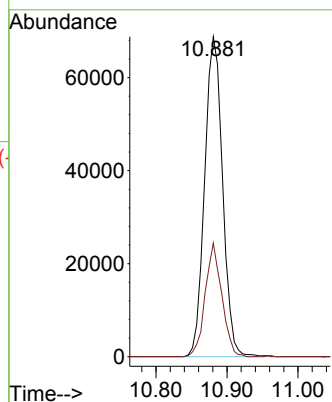
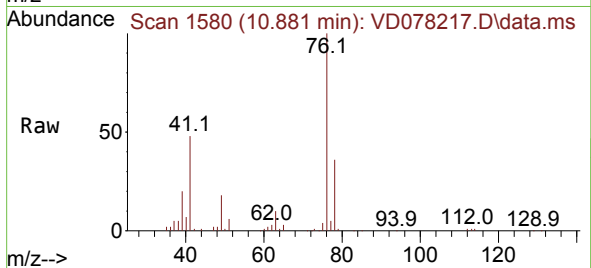
VSTDCCC050

Tgt Ion: 76 Resp: 121050

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 293.013 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078217.D

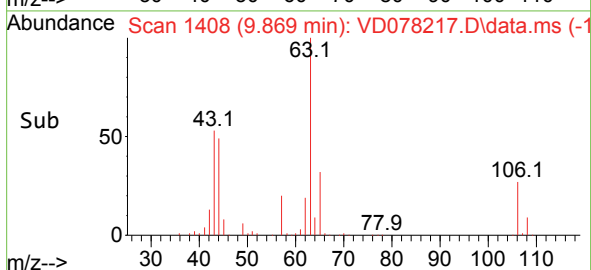
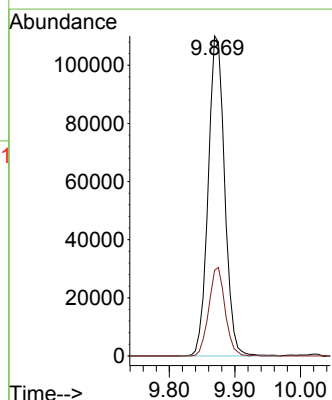
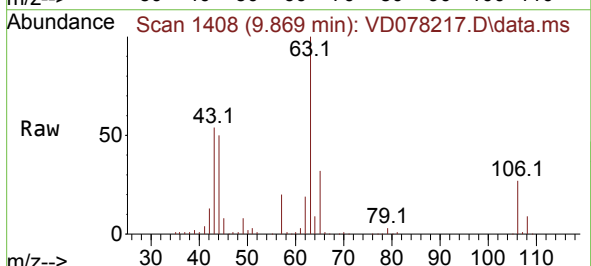
Acq: 24 Jan 2024 11:38

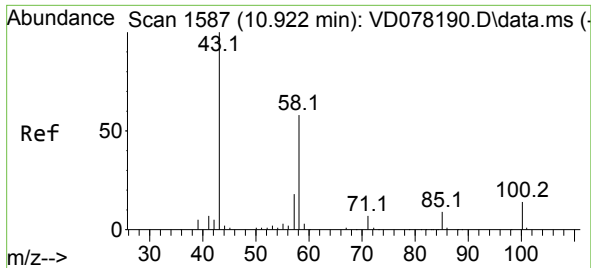
Tgt Ion: 63 Resp: 192398

Ion Ratio Lower Upper

63 100

106 27.3 25.3 37.9

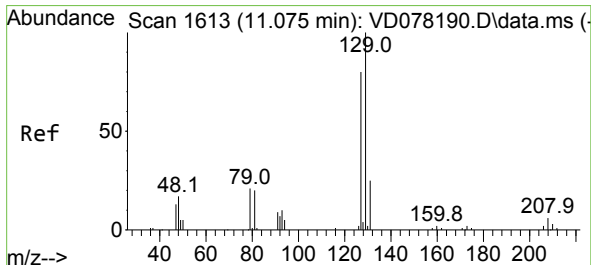
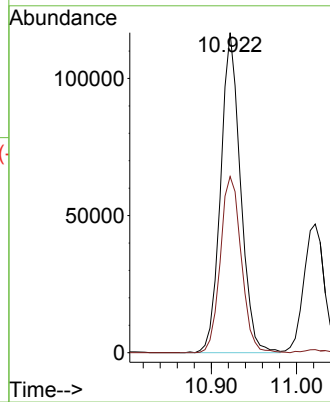
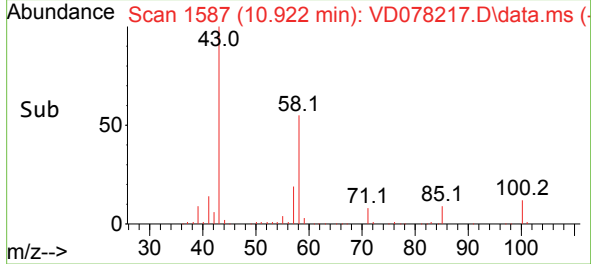
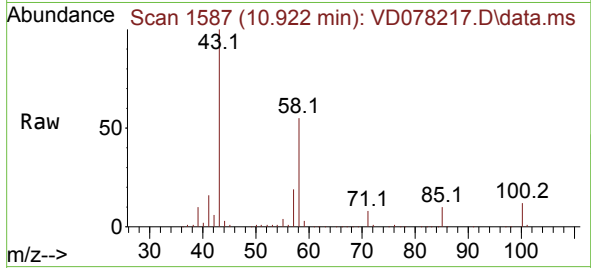




#59
2-Hexanone
Concen: 251.235 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

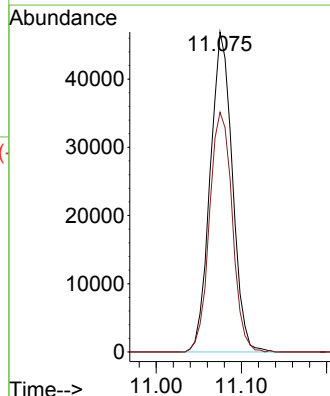
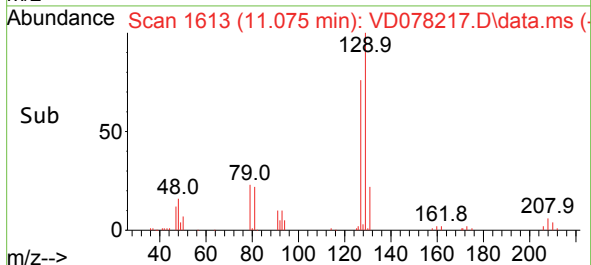
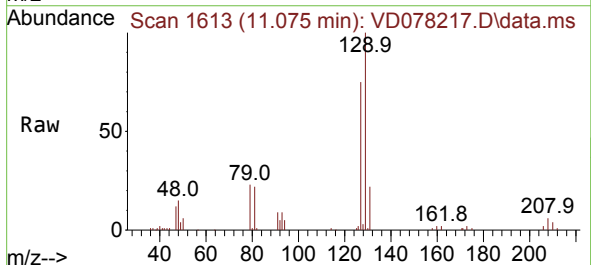
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

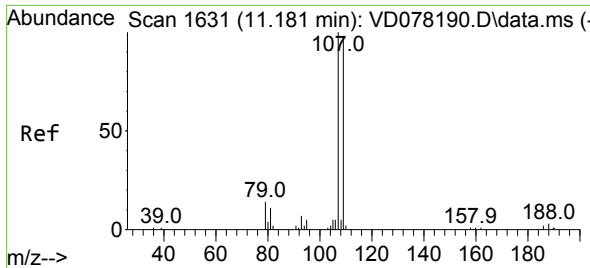
Tgt Ion: 43 Resp: 189269
Ion Ratio Lower Upper
43 100
58 57.9 34.1 102.2



#60
Dibromochloromethane
Concen: 53.700 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:129 Resp: 84743
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

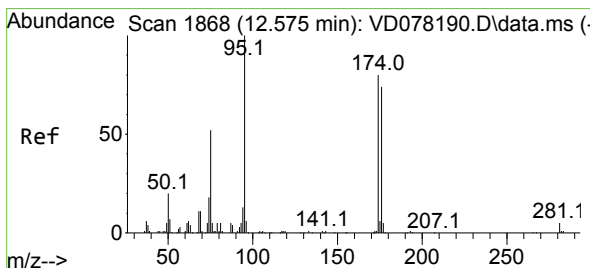
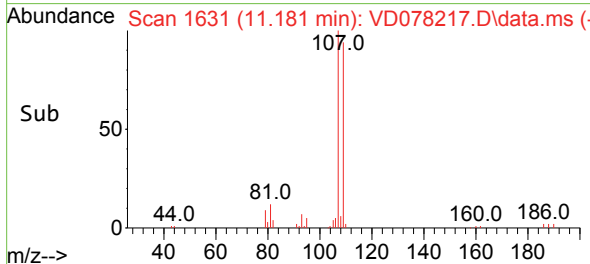
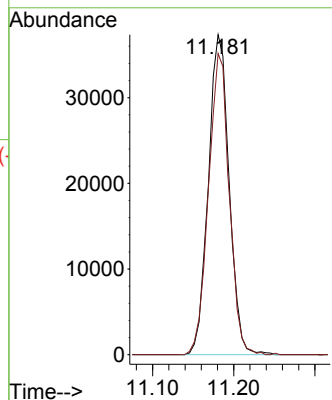
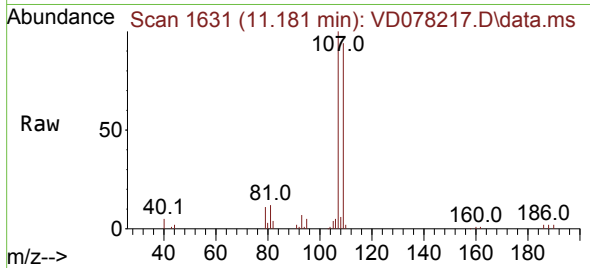




#61
1,2-Dibromoethane
Concen: 53.801 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

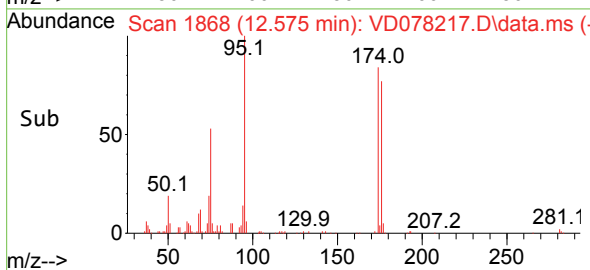
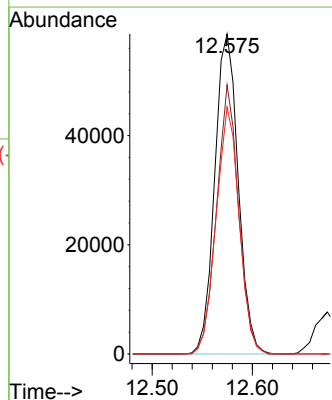
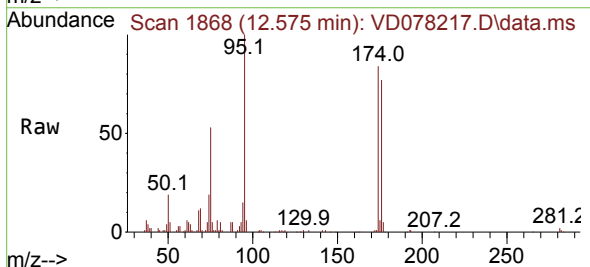
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

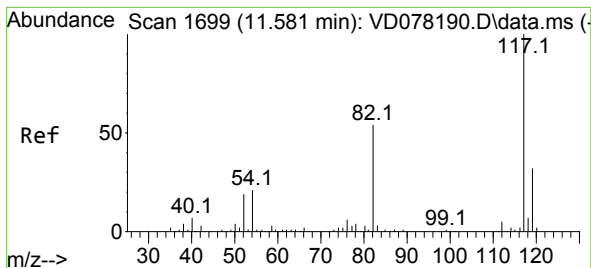
Tgt Ion:107 Resp: 66381
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.639 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 95 Resp: 95080
Ion Ratio Lower Upper
95 100
174 79.0 0.0 201.8
176 75.9 0.0 191.8

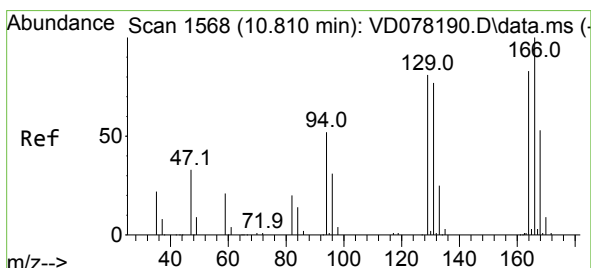
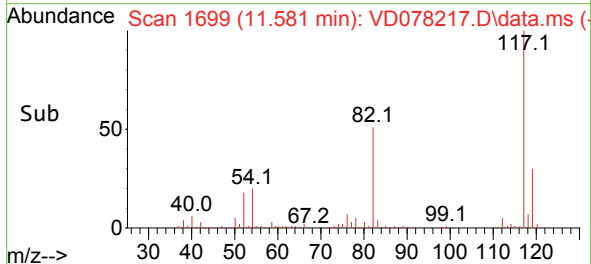
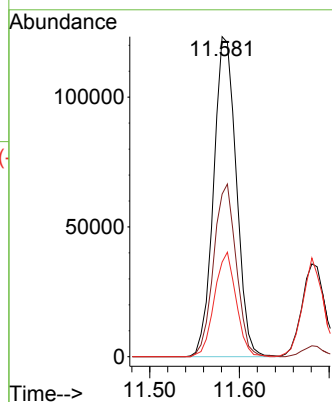
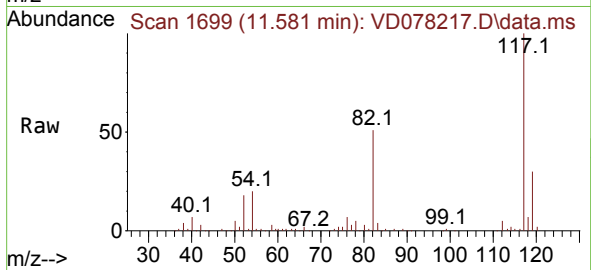




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

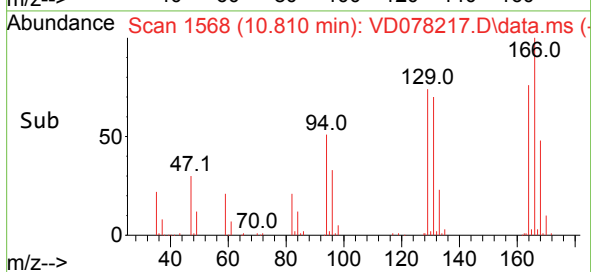
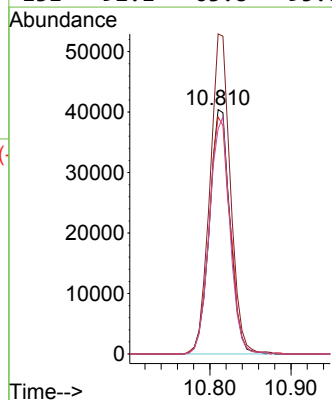
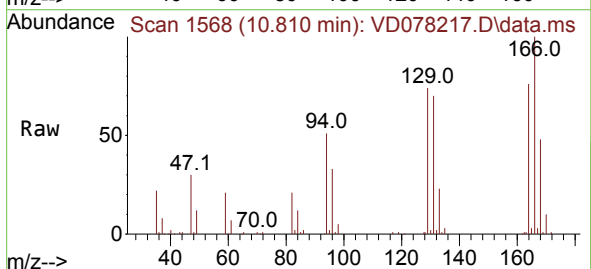
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

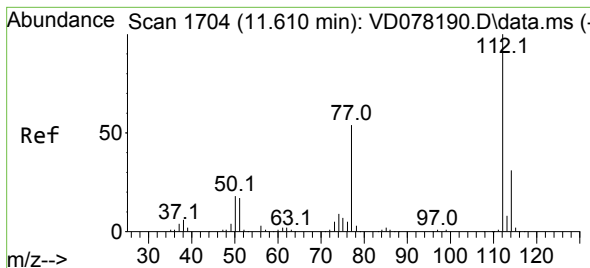
Tgt Ion:117 Resp: 216091
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 29.5 25.0 37.4



#64
Tetrachloroethene
Concen: 50.479 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:164 Resp: 71323
Ion Ratio Lower Upper
164 100
166 131.0 99.2 148.8
129 97.0 68.4 102.6
131 92.1 63.8 95.8

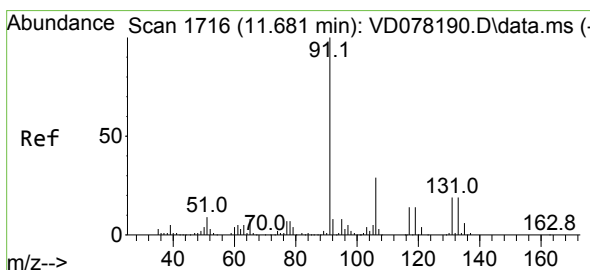
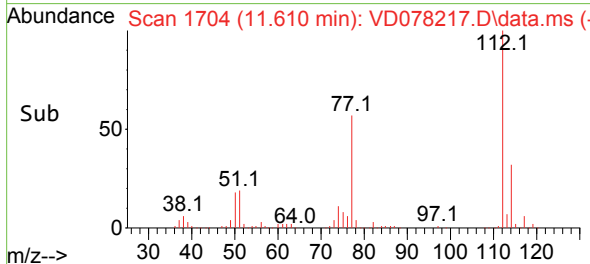
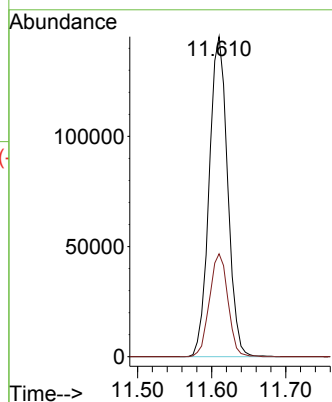
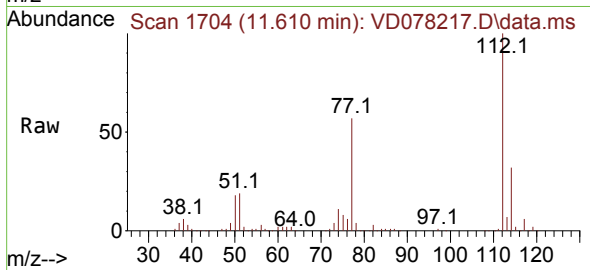




#65
Chlorobenzene
Concen: 52.549 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

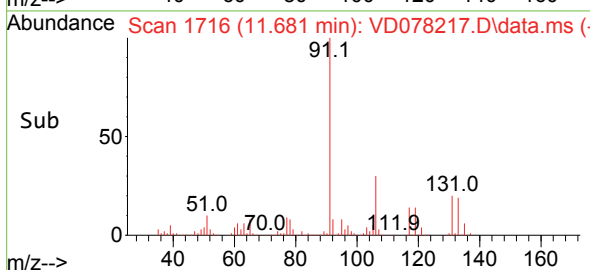
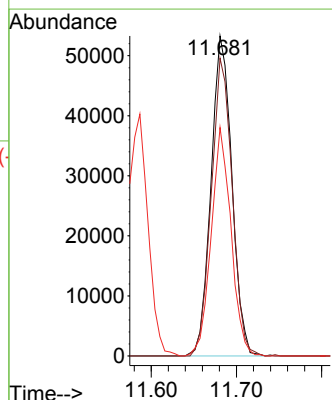
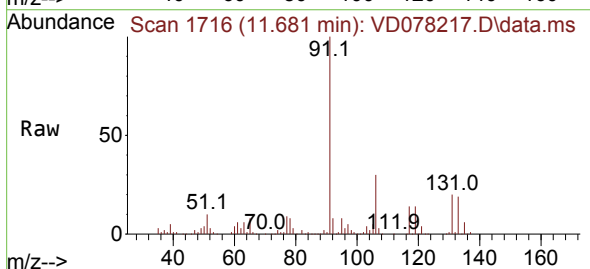
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

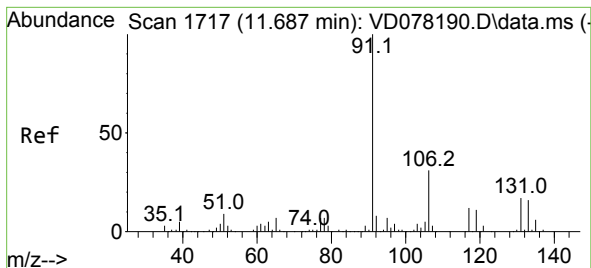
Tgt Ion:112 Resp: 250849
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.155 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:131 Resp: 90676
Ion Ratio Lower Upper
131 100
133 93.4 48.5 145.5
119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 54.591 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

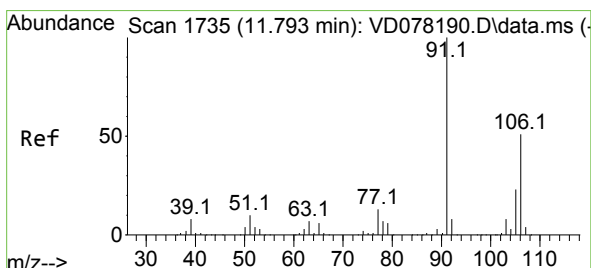
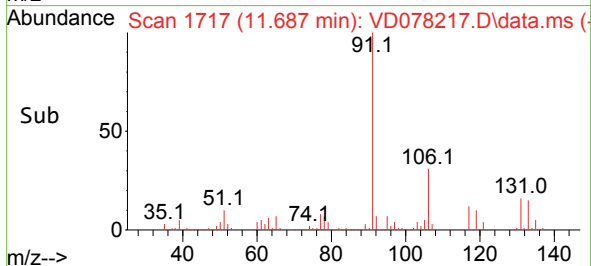
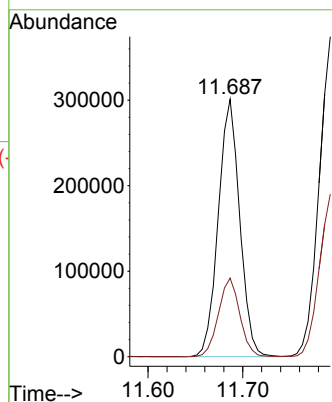
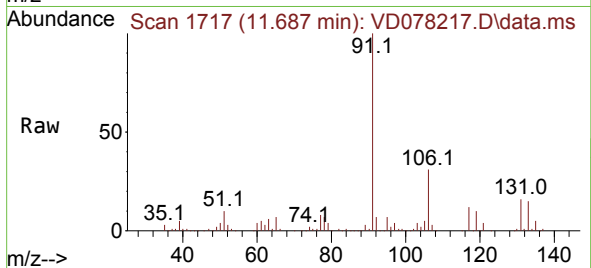
VSTDCCC050

Tgt Ion: 91 Resp: 474224

Ion Ratio Lower Upper

91 100

106 30.5 26.5 39.7



#68

m/p-Xylenes

Concen: 109.247 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078217.D

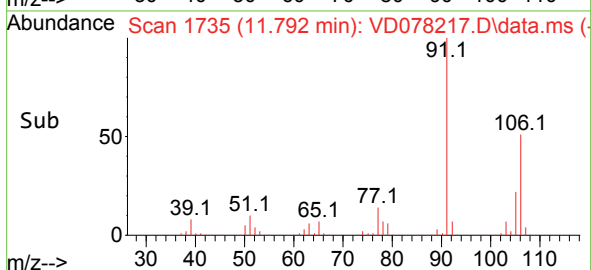
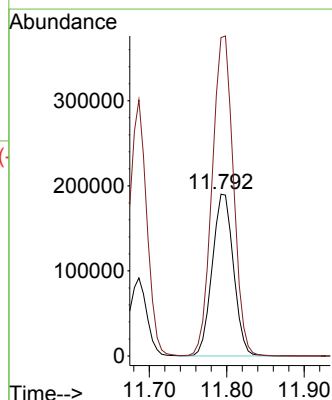
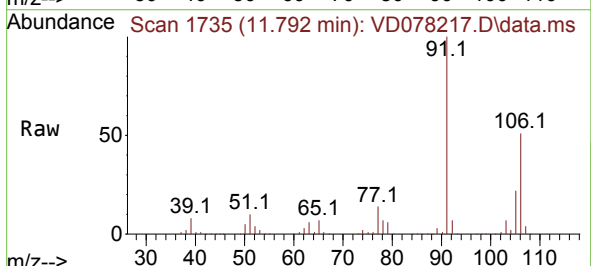
Acq: 24 Jan 2024 11:38

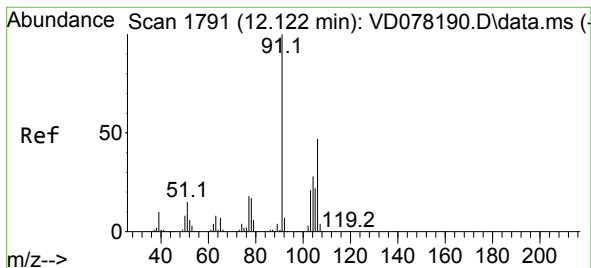
Tgt Ion:106 Resp: 362450

Ion Ratio Lower Upper

106 100

91 197.8 147.0 220.6

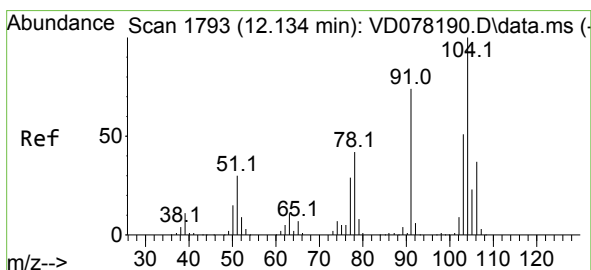
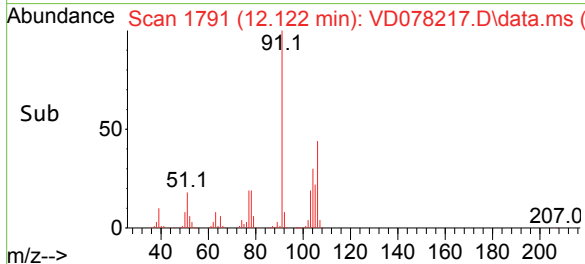
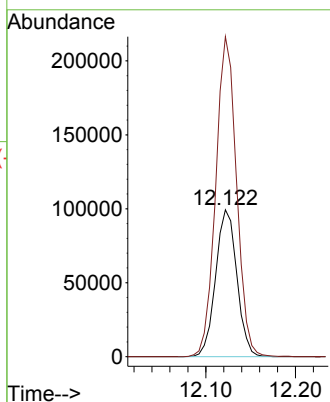
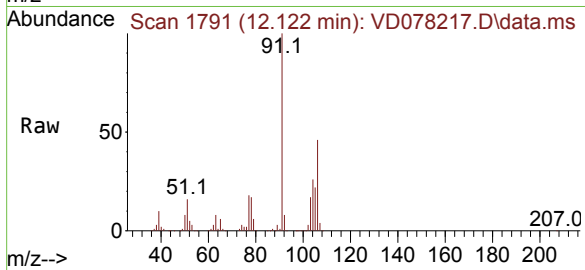




#69
o-Xylene
Concen: 54.206 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

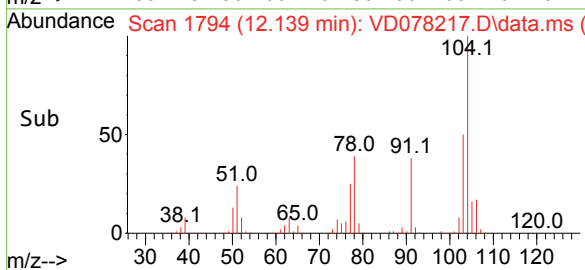
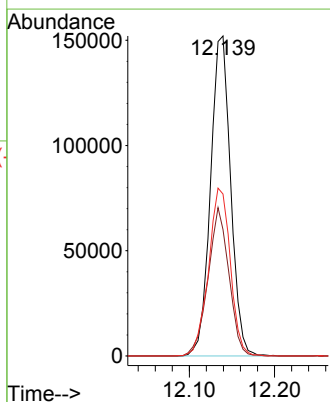
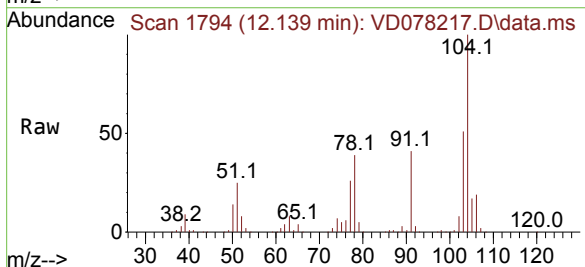
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

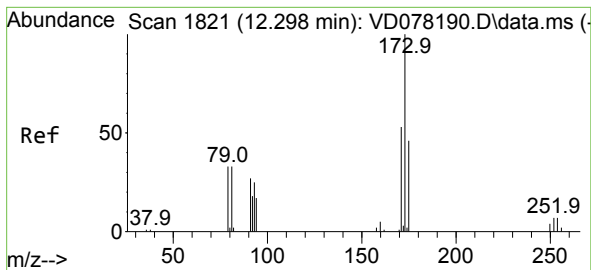
Tgt Ion:106 Resp: 163210
Ion Ratio Lower Upper
106 100
91 213.5 97.9 293.6



#70
Styrene
Concen: 55.407 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:104 Resp: 249985
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 56.8 43.6 65.4





#71

Bromoform

Concen: 51.390 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

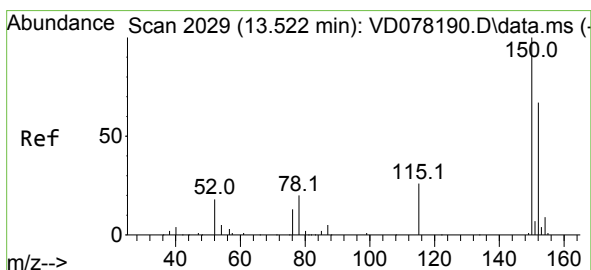
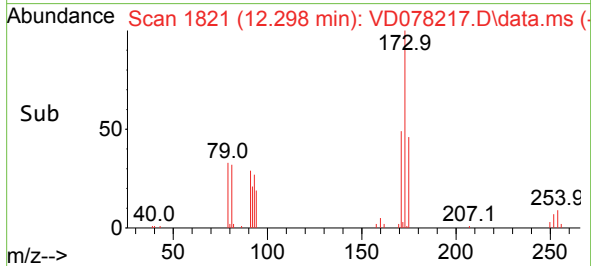
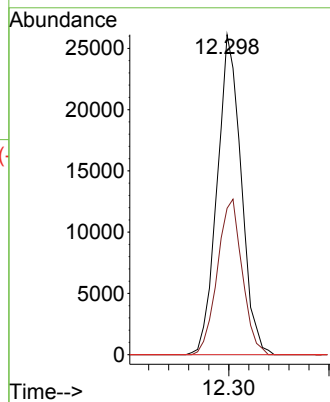
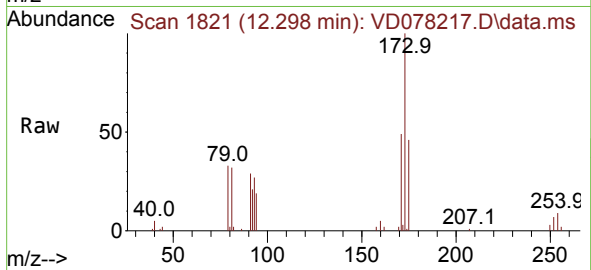
Tgt Ion:173 Resp: 43414

Ion Ratio Lower Upper

173 100

175 50.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

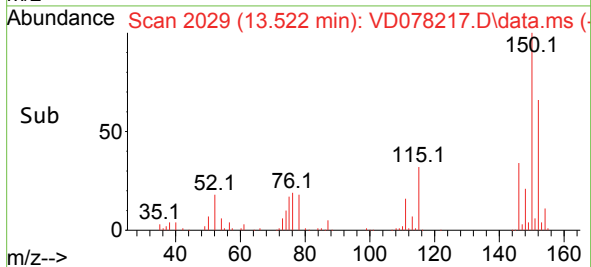
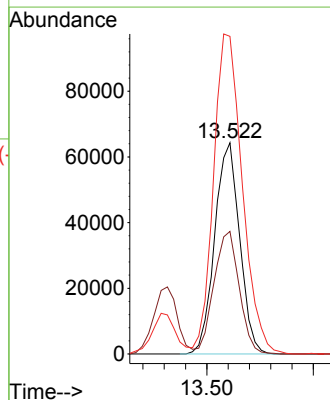
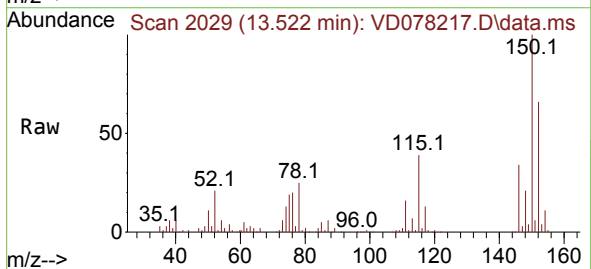
Tgt Ion:152 Resp: 104396

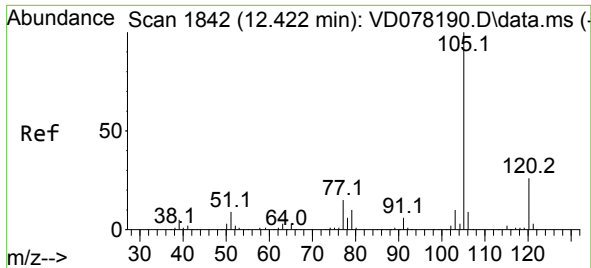
Ion Ratio Lower Upper

152 100

115 59.0 27.1 81.3

150 174.8 0.0 353.6

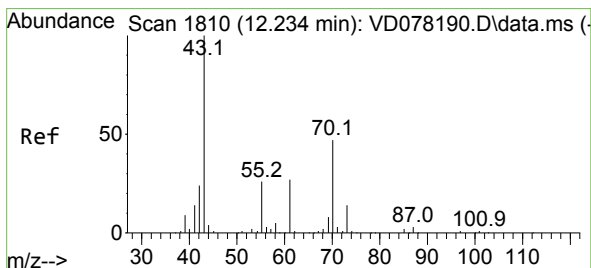
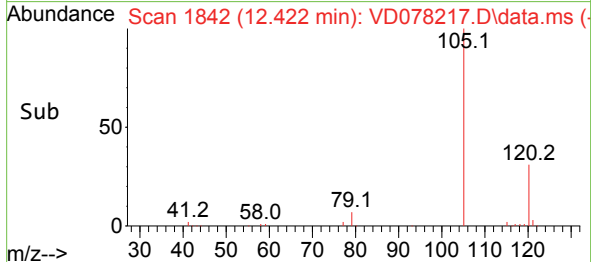
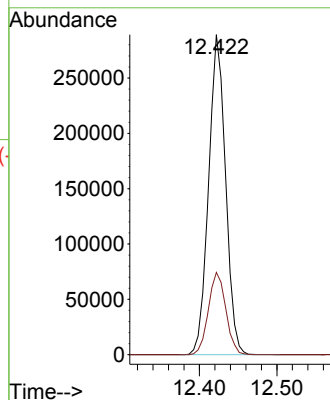
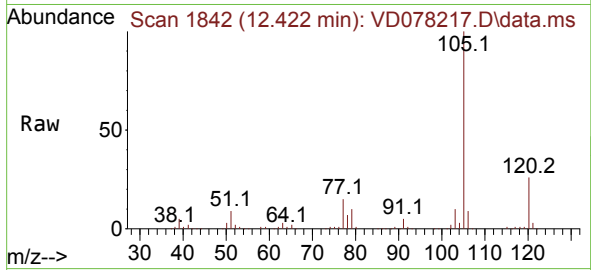




#73
Isopropylbenzene
Concen: 53.473 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

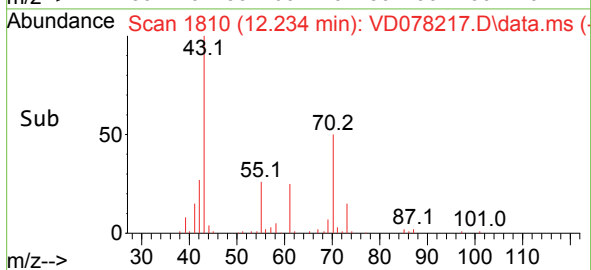
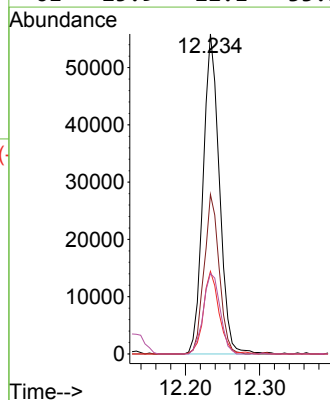
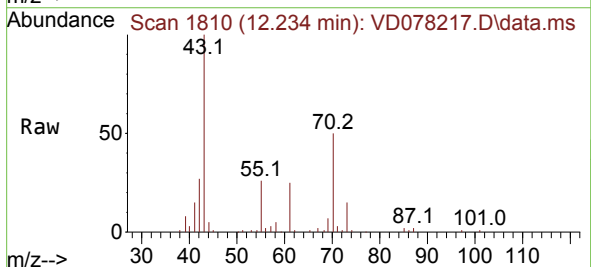
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

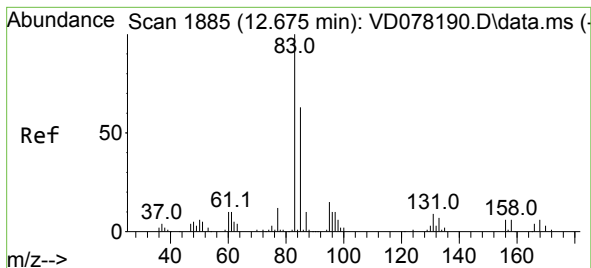
Tgt Ion:105 Resp: 438925
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 54.264 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 43 Resp: 85218
Ion Ratio Lower Upper
43 100
70 46.3 45.0 67.4
55 24.9 23.8 35.6
61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.978 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

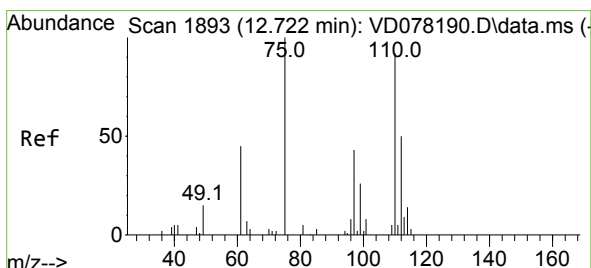
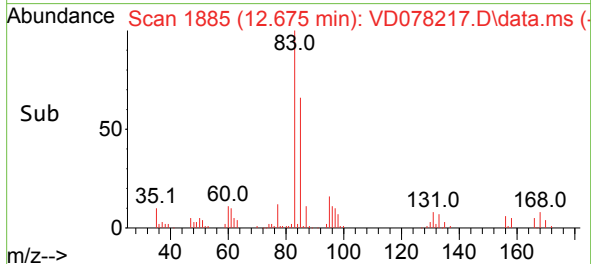
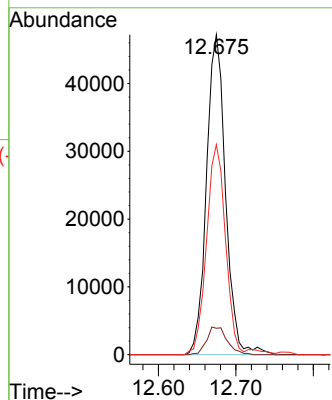
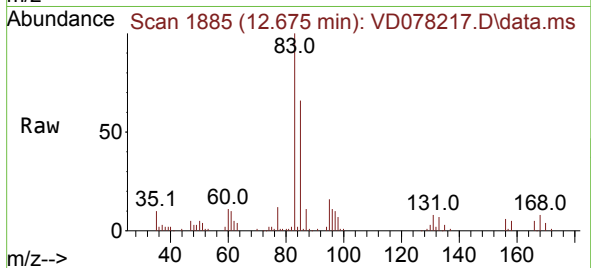
Tgt Ion: 83 Resp: 80917

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 65.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 100.474 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078217.D

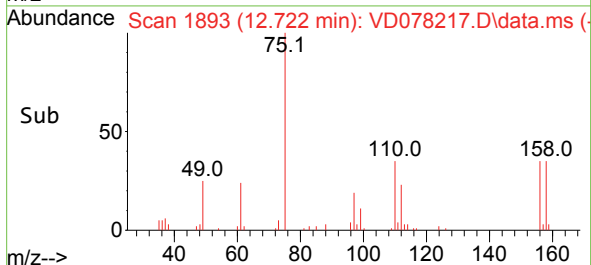
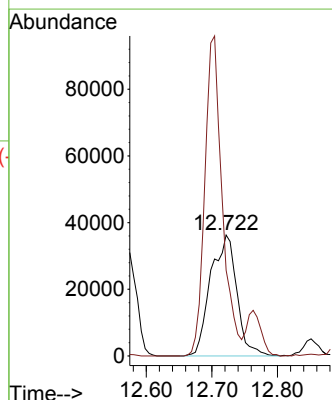
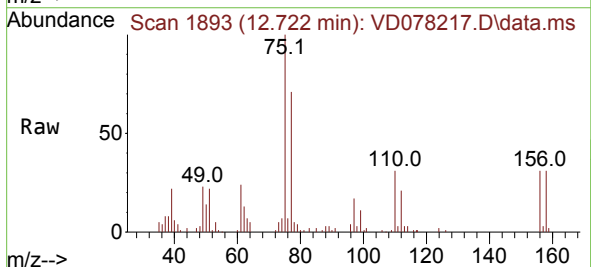
Acq: 24 Jan 2024 11:38

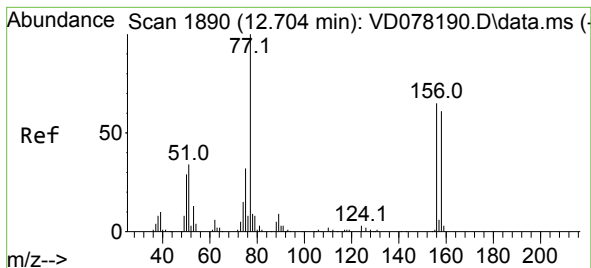
Tgt Ion: 75 Resp: 100604

Ion Ratio Lower Upper

75 100

77 176.9 0.0 0.0#





#77

Bromobenzene

Concen: 51.349 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

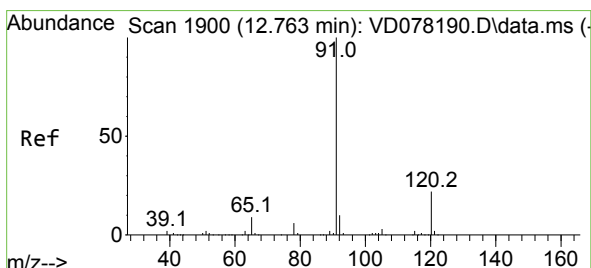
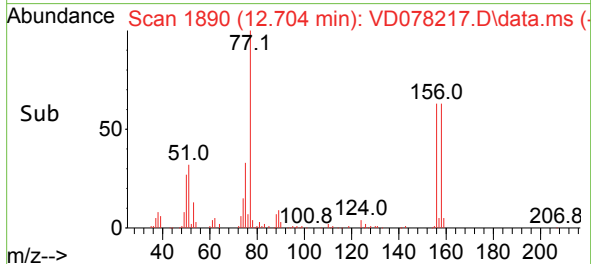
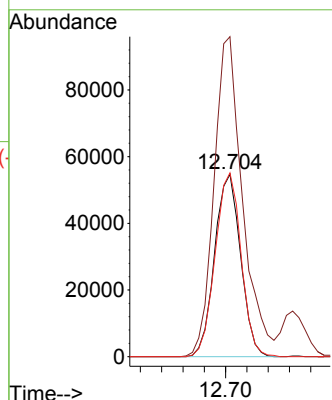
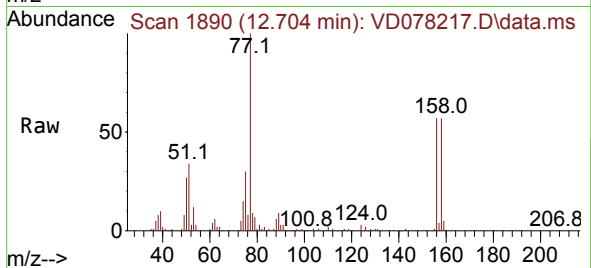
Tgt Ion:156 Resp: 92412

Ion Ratio Lower Upper

156 100

77 192.6 76.8 230.4

158 100.6 48.6 145.9



#78

n-propylbenzene

Concen: 53.783 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078217.D

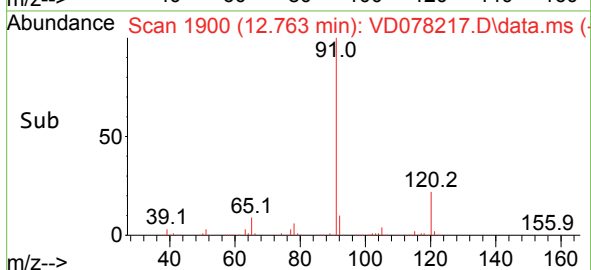
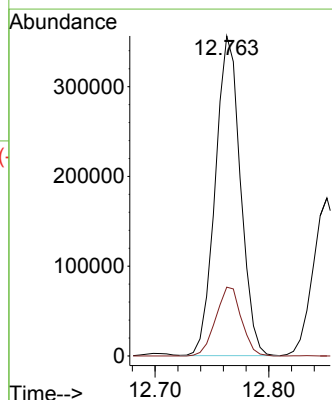
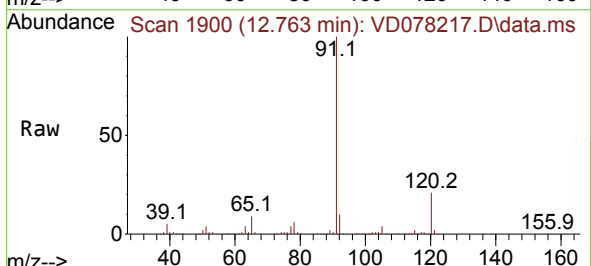
Acq: 24 Jan 2024 11:38

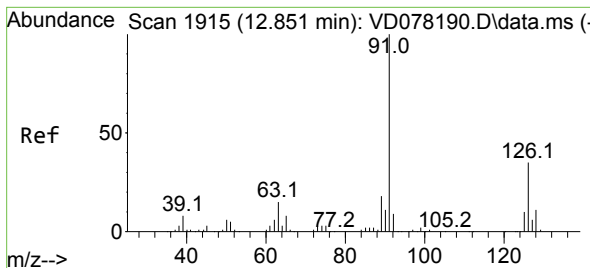
Tgt Ion: 91 Resp: 547551

Ion Ratio Lower Upper

91 100

120 21.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 52.203 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

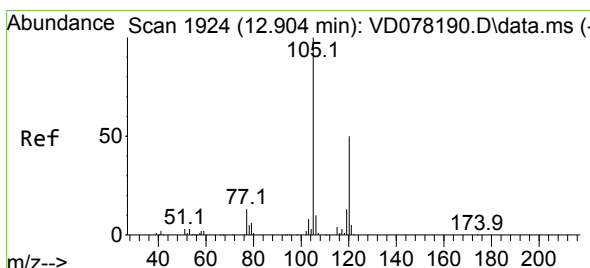
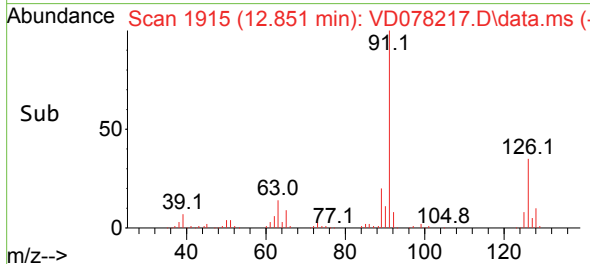
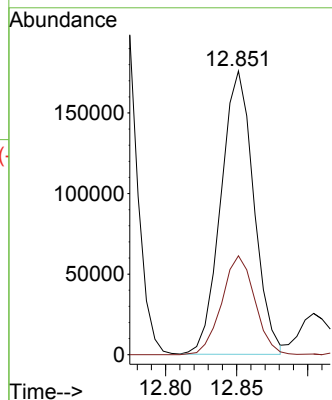
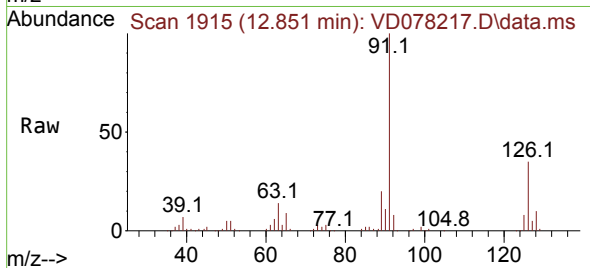
VSTDCCC050

Tgt Ion: 91 Resp: 283614

Ion Ratio Lower Upper

91 100

126 35.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 53.375 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078217.D

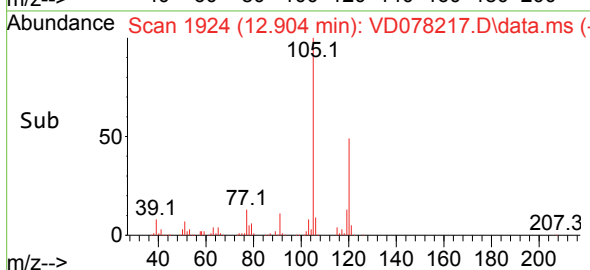
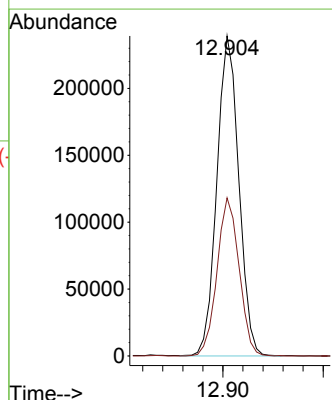
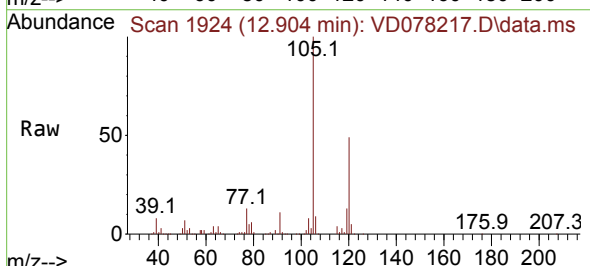
Acq: 24 Jan 2024 11:38

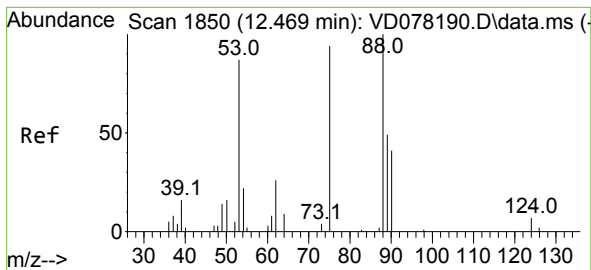
Tgt Ion: 105 Resp: 363278

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

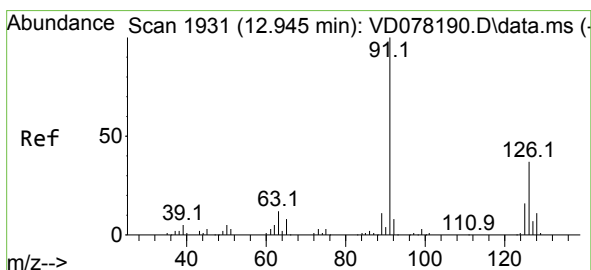
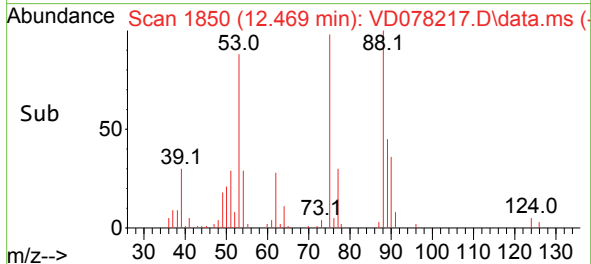
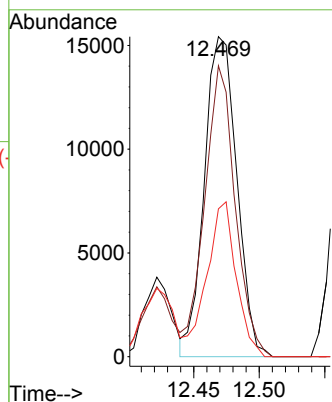
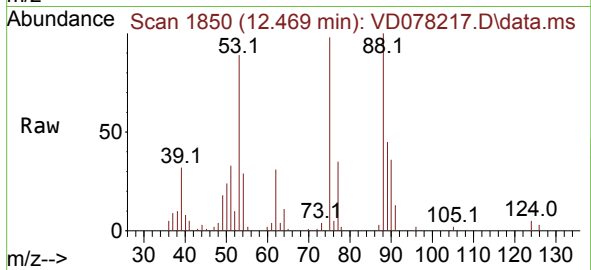




#81
trans-1,4-Dichloro-2-butene
Concen: 57.056 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

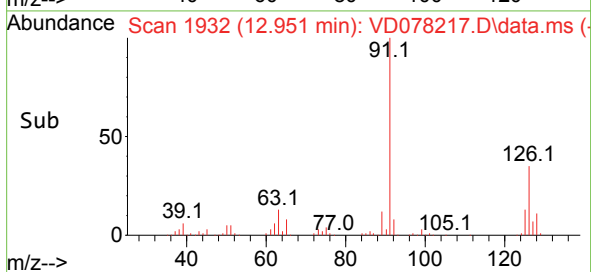
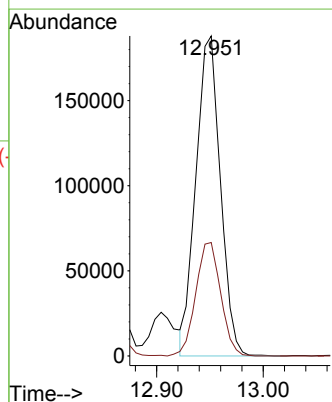
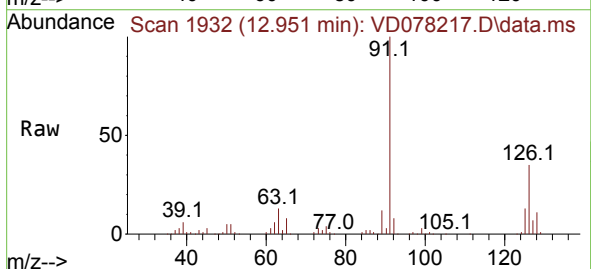
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

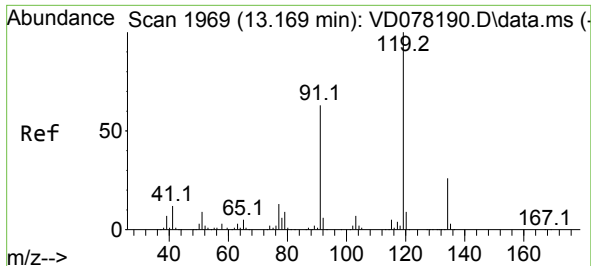
Tgt Ion: 75 Resp: 26522
Ion Ratio Lower Upper
75 100
53 85.8 63.0 94.4
89 44.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.369 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 91 Resp: 299915
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4

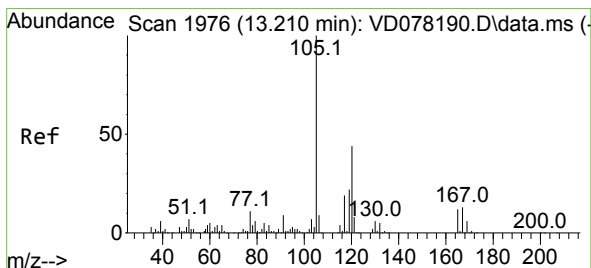
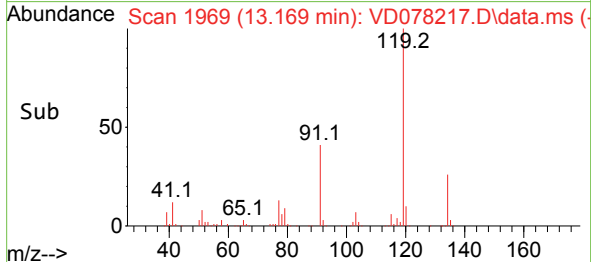
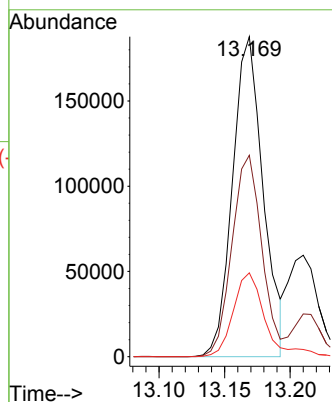
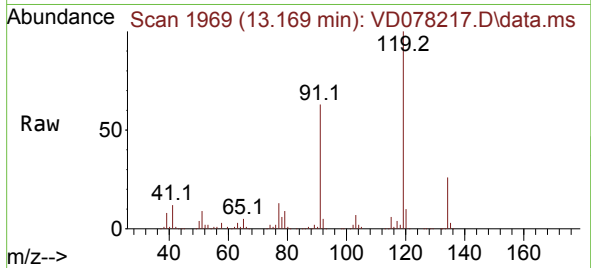




#83
 tert-Butylbenzene
 Concen: 53.631 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

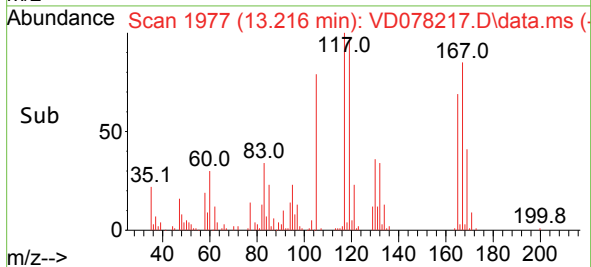
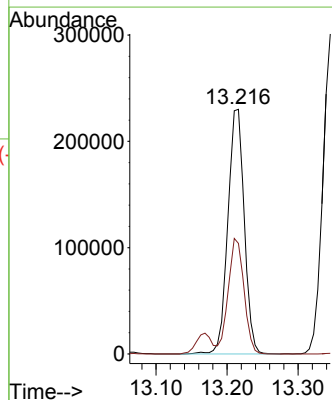
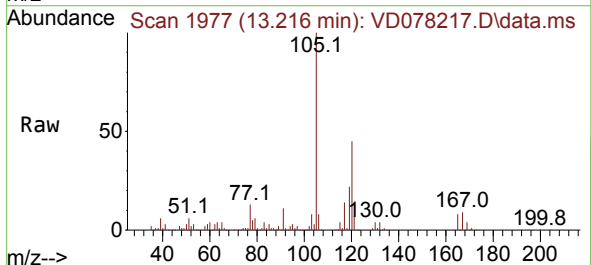
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

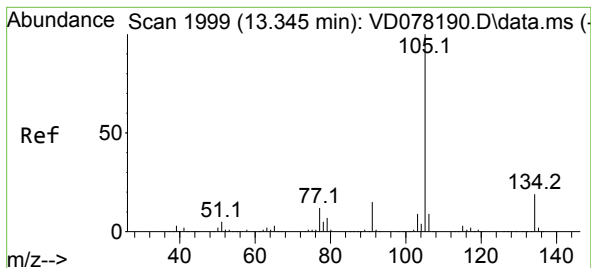
Tgt Ion:119 Resp: 305141
 Ion Ratio Lower Upper
 119 100
 91 61.5 29.3 87.8
 134 27.2 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.633 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

Tgt Ion:105 Resp: 369179
 Ion Ratio Lower Upper
 105 100
 120 45.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 53.757 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

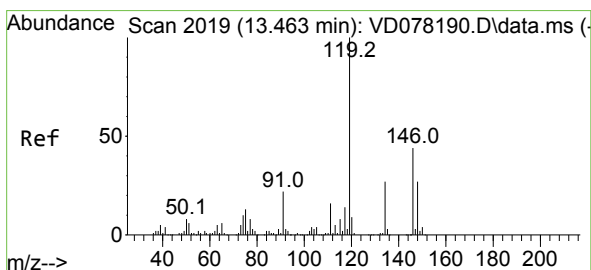
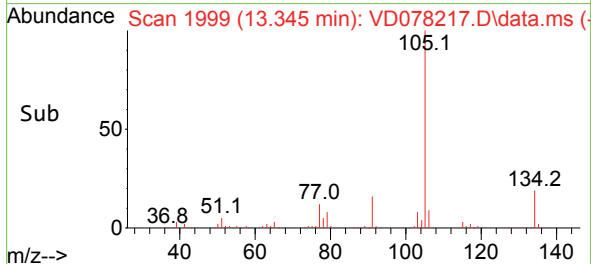
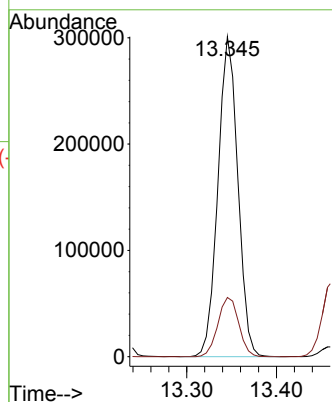
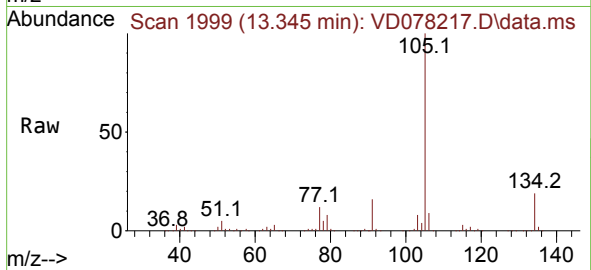
VSTDCCC050

Tgt Ion:105 Resp: 463127

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 54.252 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

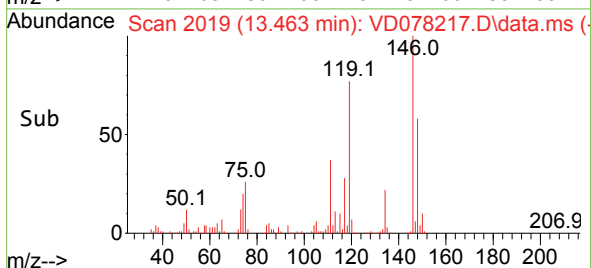
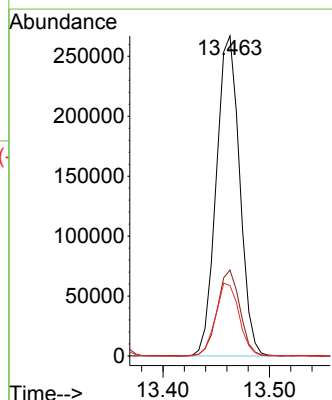
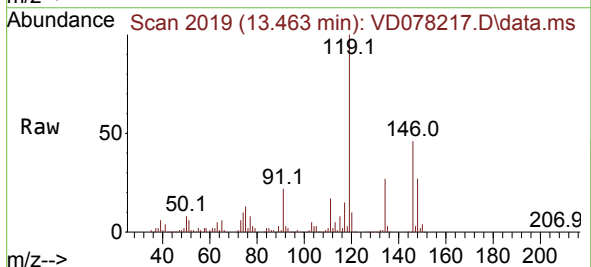
Tgt Ion:119 Resp: 406731

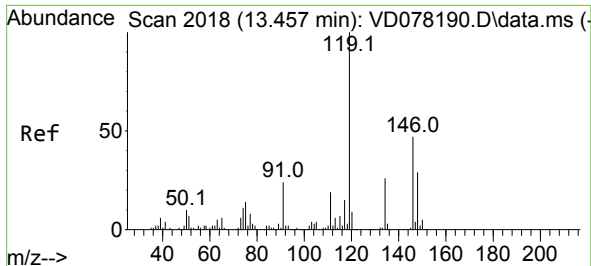
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 23.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.050 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

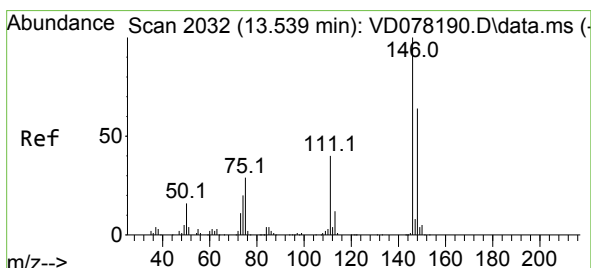
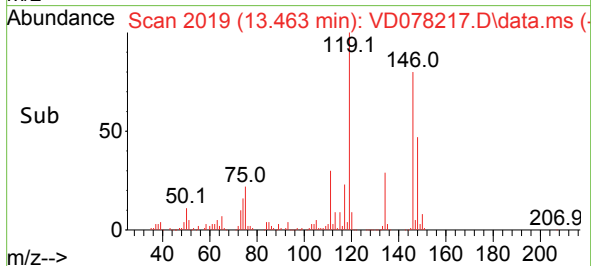
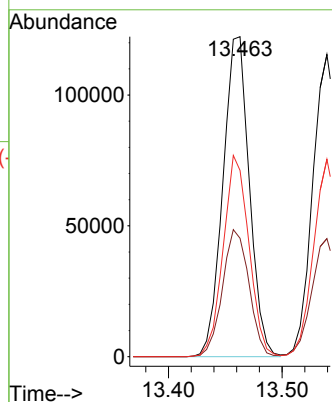
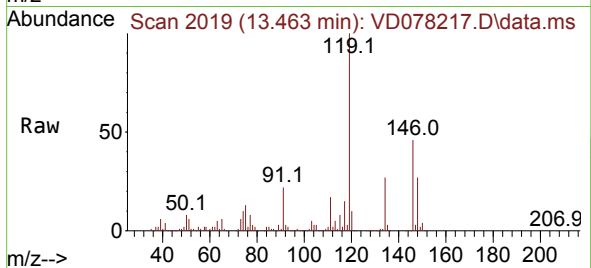
Tgt Ion:146 Resp: 197671

Ion Ratio Lower Upper

146 100

111 39.9 17.9 53.8

148 61.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 51.410 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078217.D

Acq: 24 Jan 2024 11:38

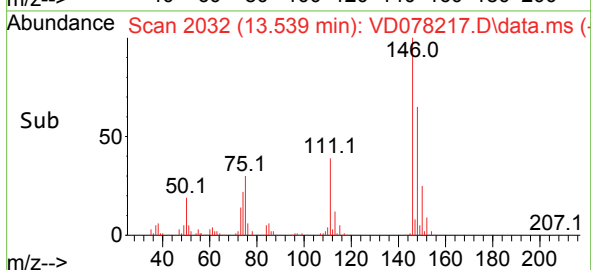
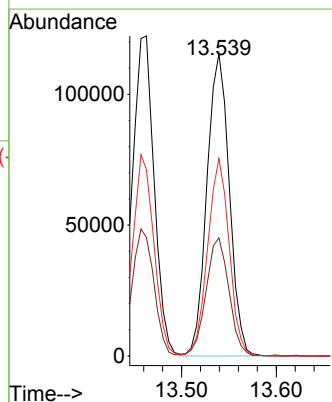
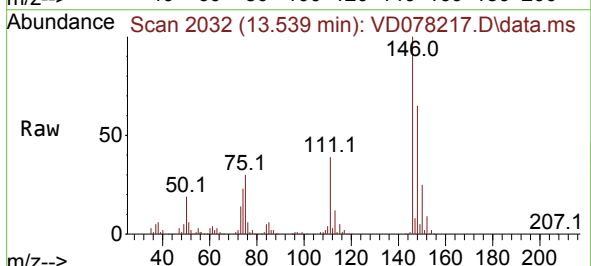
Tgt Ion:146 Resp: 189249

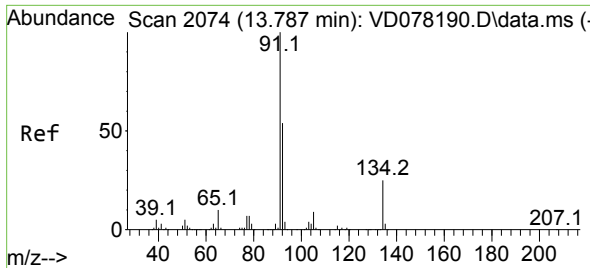
Ion Ratio Lower Upper

146 100

111 40.0 17.4 52.3

148 62.9 31.7 95.1

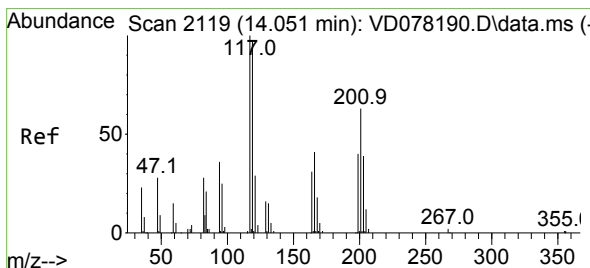
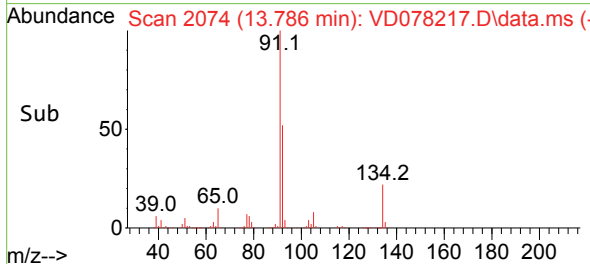
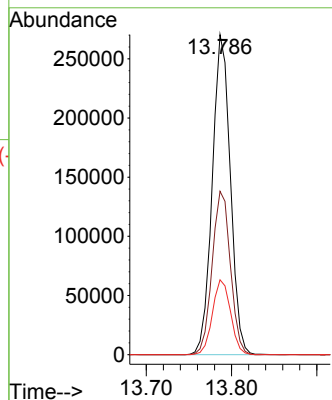
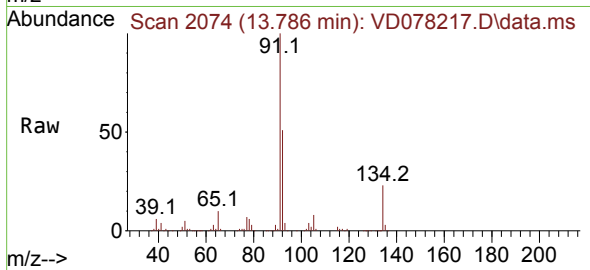




#89
n-Butylbenzene
Concen: 54.640 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

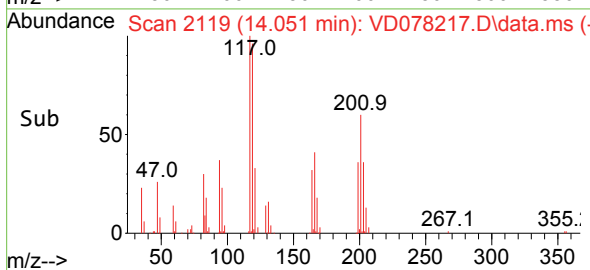
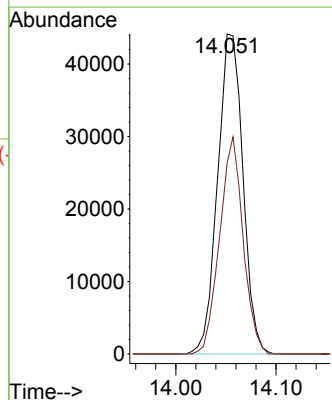
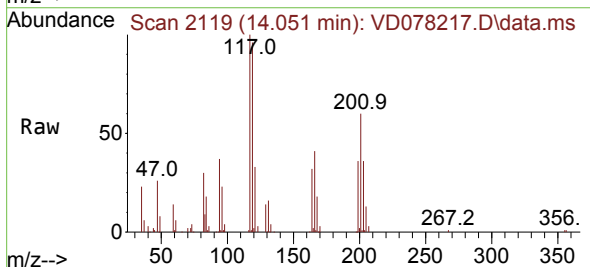
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

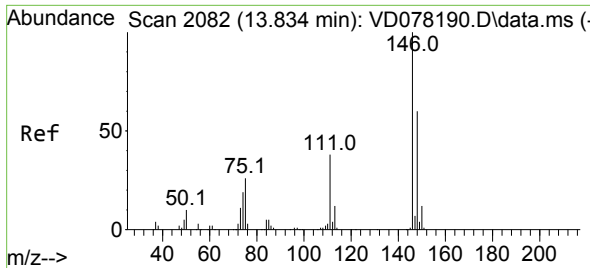
Tgt Ion: 91 Resp: 398777
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 23.4 13.8 41.3



#90
Hexachloroethane
Concen: 52.634 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 117 Resp: 77406
Ion Ratio Lower Upper
117 100
201 62.8 38.5 115.5

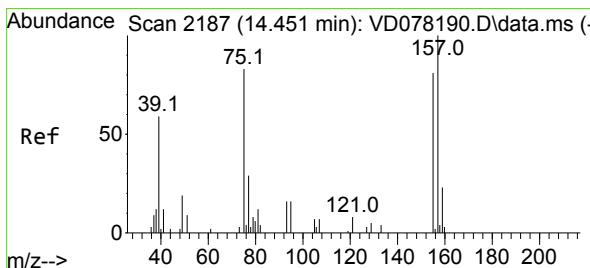
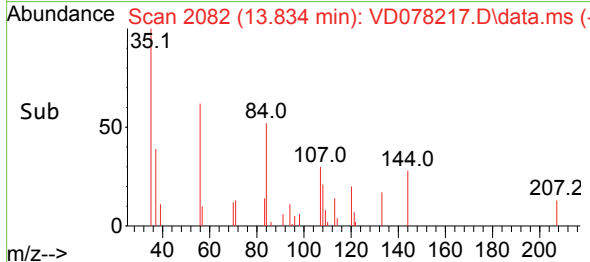
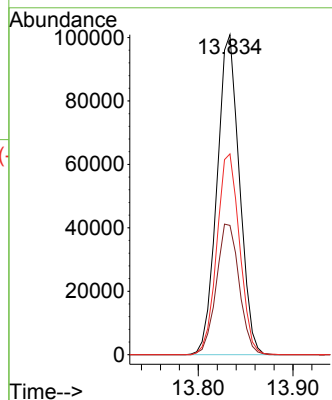
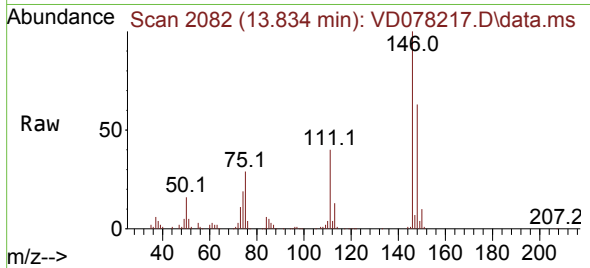




#91
1,2-Dichlorobenzene
Concen: 52.945 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

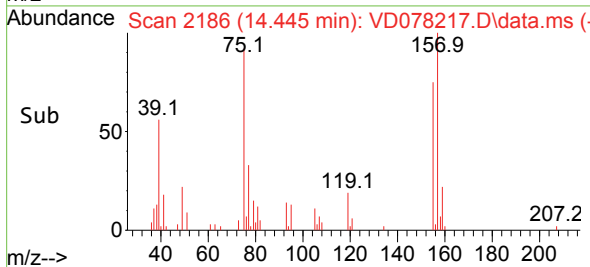
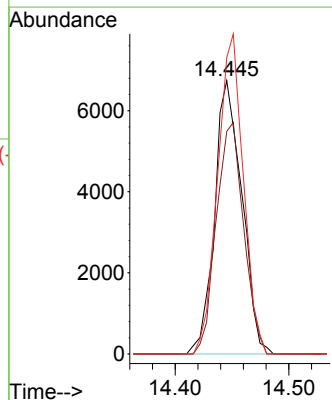
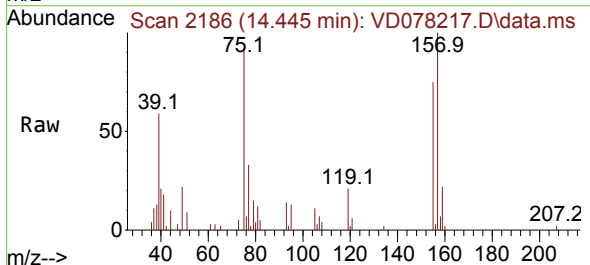
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

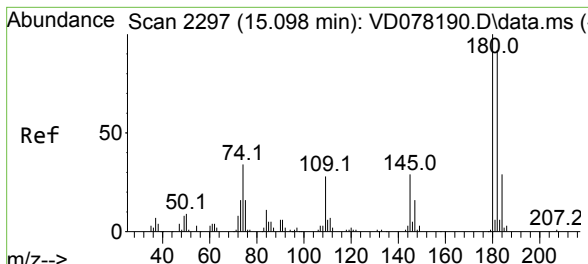
Tgt Ion:146 Resp: 165891
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.482 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion: 75 Resp: 11237
Ion Ratio Lower Upper
75 100
155 85.0 47.9 143.8
157 110.5 59.9 179.7

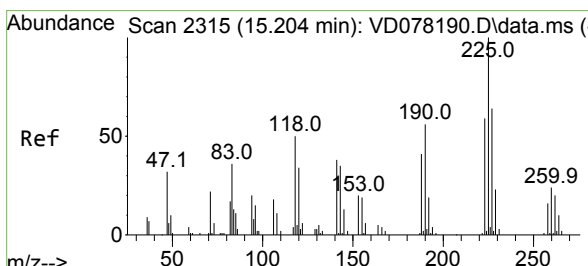
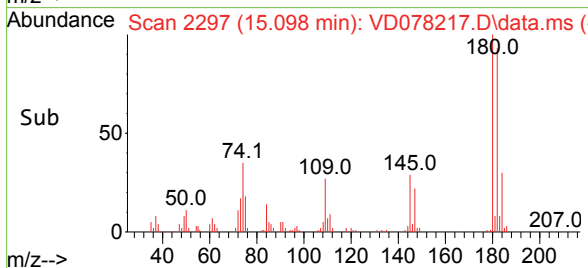
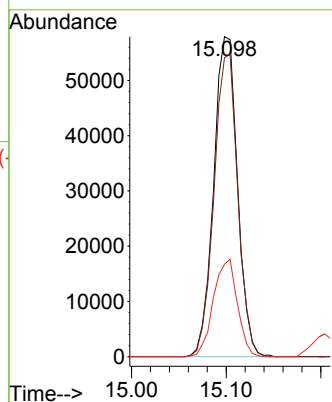
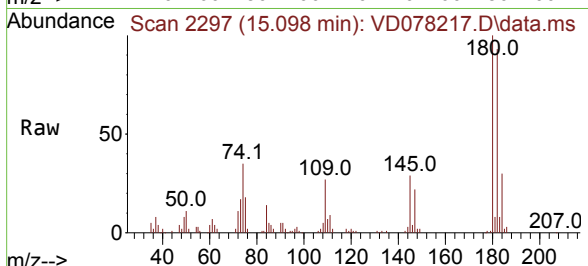




#93
 1,2,4-Trichlorobenzene
 Concen: 52.306 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

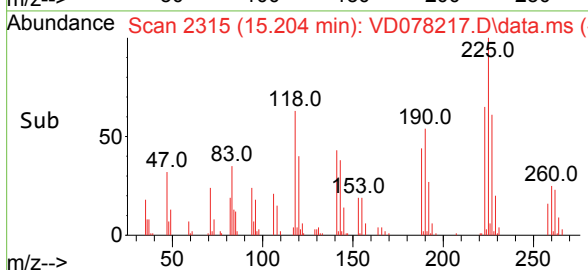
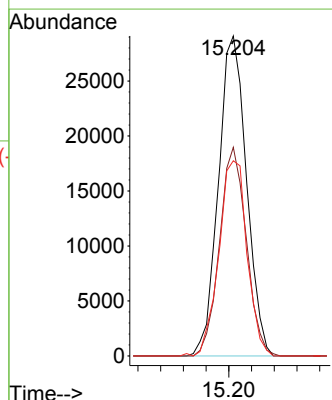
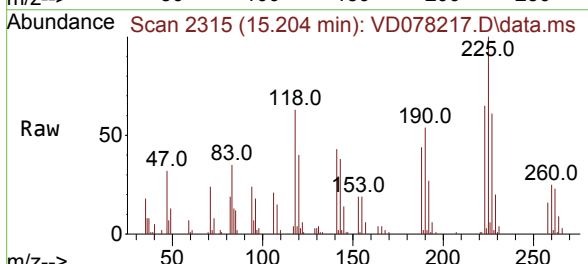
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

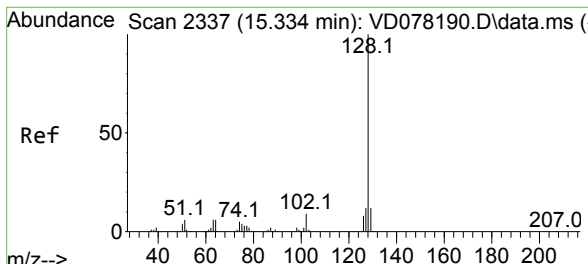
Tgt Ion:180 Resp: 101307
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.5 145.6
 145 30.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 53.339 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078217.D
 Acq: 24 Jan 2024 11:38

Tgt Ion:225 Resp: 49922
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 94.8
 227 61.1 31.7 95.1

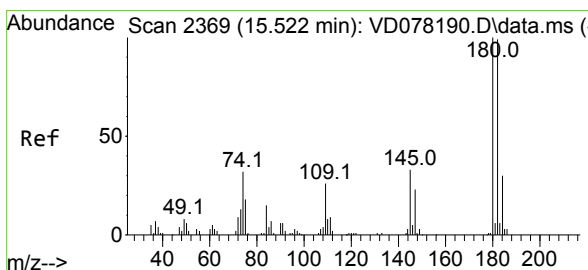
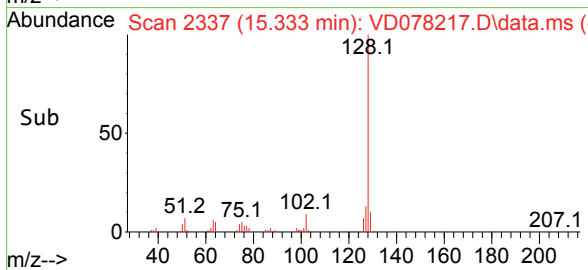
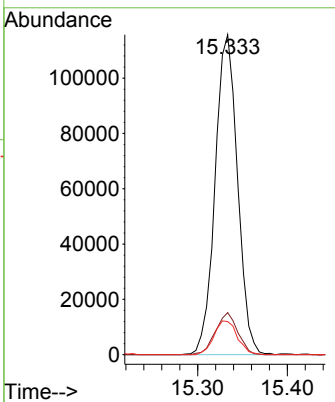
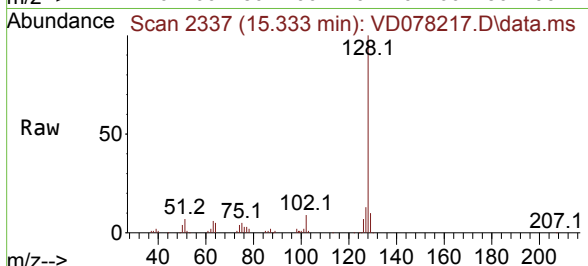




#95
Naphthalene
Concen: 55.418 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	200679
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.216 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078217.D
Acq: 24 Jan 2024 11:38

Tgt Ion:	180	Resp:	88100
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.3	141.9
145	33.6	15.1	45.3

