

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078202.D
 Acq On : 23 Jan 2024 10:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 00:17:10 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	137453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	248233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75023	47.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.811	113	77467	47.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.275	98	300396	46.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.575	95	88493	47.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63958	47.308	ug/l	97
3) Chloromethane	2.152	50	111123	49.841	ug/l	99
4) Vinyl Chloride	2.293	62	146076	44.816	ug/l	98
5) Bromomethane	2.699	94	107204	45.069	ug/l	98
6) Chloroethane	2.846	64	109179	47.953	ug/l	99
7) Trichlorofluoromethane	3.187	101	139290	46.982	ug/l	98
8) Diethyl Ether	3.599	74	40430	49.193	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	83440	48.592	ug/l	95
10) Methyl Iodide	4.170	142	82883	48.151	ug/l	# 88
11) Tert butyl alcohol	5.058	59	18032	233.422	ug/l	97
12) 1,1-Dichloroethene	3.946	96	81105	47.680	ug/l	85
13) Acrolein	3.805	56	38193	215.368	ug/l	100
14) Allyl chloride	4.569	41	105632	47.079	ug/l	89
15) Acrylonitrile	5.264	53	90251	244.715	ug/l	97
16) Acetone	4.028	43	107119	284.915	ug/l	# 82
17) Carbon Disulfide	4.281	76	257454	46.676	ug/l	96
18) Methyl Acetate	4.569	43	66104	48.965	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	177376	50.005	ug/l	98
20) Methylene Chloride	4.811	84	95445	50.159	ug/l	# 88
21) trans-1,2-Dichloroethene	5.328	96	97521	49.614	ug/l	98
22) Diisopropyl ether	6.222	45	248474	52.334	ug/l	# 94
23) Vinyl Acetate	6.164	43	576753	246.561	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	163583	49.862	ug/l	96
25) 2-Butanone	7.087	43	125829	254.691	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	134986	49.117	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	108163	51.227	ug/l	92
28) Bromochloromethane	7.434	49	63099	49.313	ug/l	# 75
29) Tetrahydrofuran	7.446	42	66637	257.412	ug/l	# 84
30) Chloroform	7.599	83	170399	51.072	ug/l	94
31) Cyclohexane	7.887	56	136214	46.949	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	145906	50.625	ug/l	99
36) 1,1-Dichloropropene	8.016	75	132234	49.221	ug/l	97
37) Ethyl Acetate	7.169	43	46543	46.536	ug/l	# 91
38) Carbon Tetrachloride	7.999	117	127242	47.956	ug/l	98
39) Methylcyclohexane	9.275	83	157968	49.720	ug/l	97
40) Benzene	8.258	78	383437	50.294	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31122	56.671	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	95595	48.191	ug/l	95
43) Isopropyl Acetate	8.363	43	88596	48.351	ug/l #	92
44) Trichloroethene	9.034	130	94678	48.542	ug/l	99
45) 1,2-Dichloropropane	9.305	63	94675	50.044	ug/l	97
46) Dibromomethane	9.399	93	51287	49.365	ug/l	89
47) Bromodichloromethane	9.587	83	130665	50.067	ug/l	95
48) Methyl methacrylate	9.381	41	53596	50.523	ug/l #	78
49) 1,4-Dioxane	9.387	88	10028	997.540	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	234768	243.824	ug/l	90
52) Toluene	10.340	92	246794	51.069	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	119101	49.467	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	146425	50.731	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	69234	49.802	ug/l	93
56) Ethyl methacrylate	10.599	69	58551	51.451	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	117745	49.526	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	165054	242.026	ug/l	95
59) 2-Hexanone	10.922	43	187486	239.618	ug/l	85
60) Dibromochloromethane	11.075	129	82191	50.147	ug/l	95
61) 1,2-Dibromoethane	11.181	107	63884	49.853	ug/l	100
64) Tetrachloroethene	10.810	164	72820	49.157	ug/l #	89
65) Chlorobenzene	11.610	112	251859	50.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	89086	49.810	ug/l	99
67) Ethyl Benzene	11.687	91	466541	51.225	ug/l	95
68) m/p-Xylenes	11.793	106	358377	103.028	ug/l	90
69) o-Xylene	12.122	106	164336	52.058	ug/l	89
70) Styrene	12.134	104	256023	54.123	ug/l	97
71) Bromoform	12.304	173	43364	48.959	ug/l #	100
73) Isopropylbenzene	12.422	105	437561	50.505	ug/l	96
74) N-amyl acetate	12.234	43	79673	48.066	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	77357	47.985	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	94845	89.744	ug/l #	100
77) Bromobenzene	12.698	156	92676	48.790	ug/l	85
78) n-propylbenzene	12.763	91	544022	50.628	ug/l	96
79) 2-Chlorotoluene	12.851	91	286468	49.957	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	358454	49.898	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24465	49.865	ug/l	94
82) 4-Chlorotoluene	12.951	91	308485	51.035	ug/l	93
83) tert-Butylbenzene	13.169	119	307624	51.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	374121	51.494	ug/l	95
85) sec-Butylbenzene	13.345	105	461718	50.777	ug/l	94
86) p-Isopropyltoluene	13.463	119	408950	51.681	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	197960	50.335	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	193160	49.714	ug/l	97
89) n-Butylbenzene	13.787	91	393056	51.025	ug/l	96
90) Hexachloroethane	14.051	117	75887	48.889	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	165154	49.940	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10130	43.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100704	49.262	ug/l	96
94) Hexachlorobutadiene	15.204	225	50370	50.990	ug/l	96
95) Naphthalene	15.328	128	191515	50.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	84994	49.556	ug/l	98

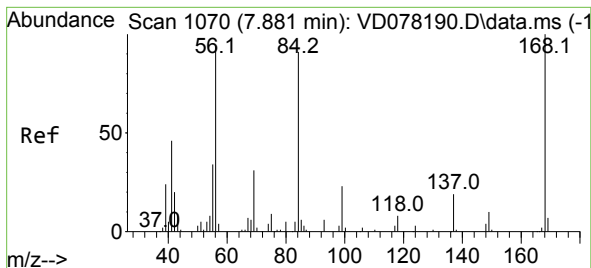
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Quant Title : SW846 8260
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Response via : Initial Calibration

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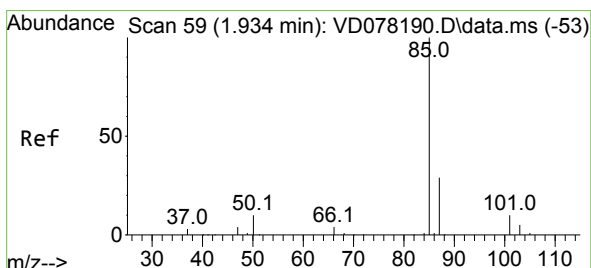
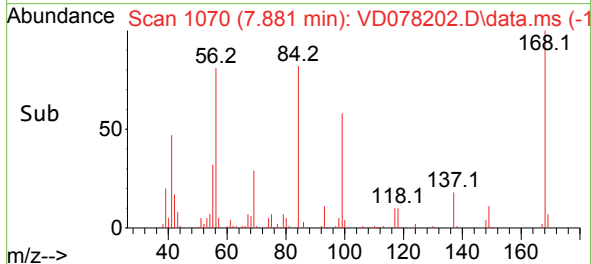
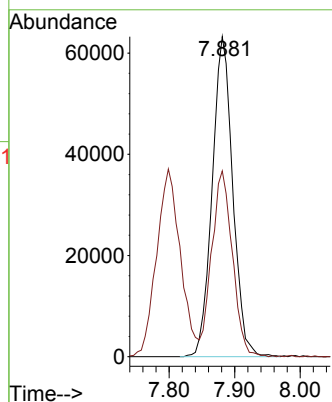
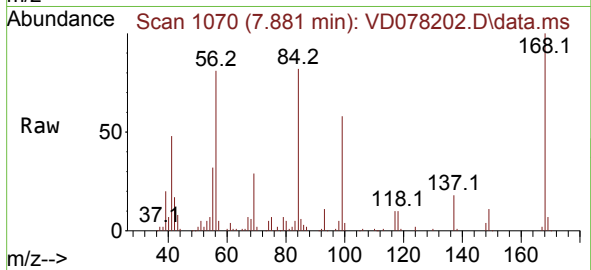
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

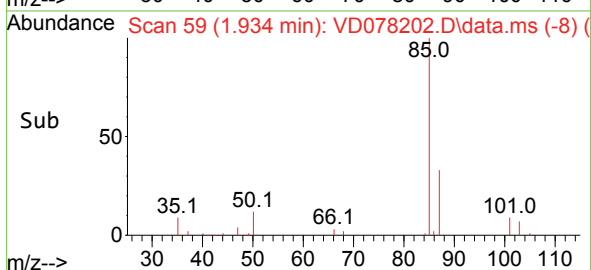
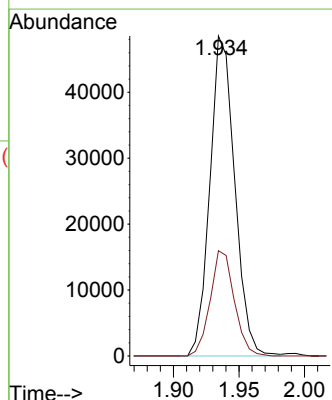
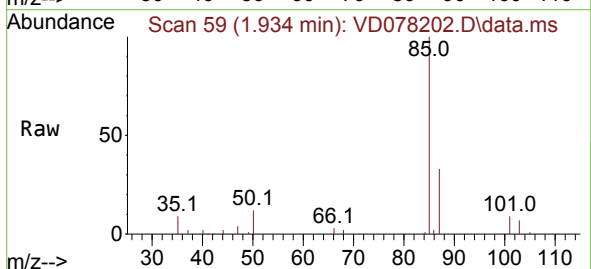
Instrument :
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VSTDCCC050

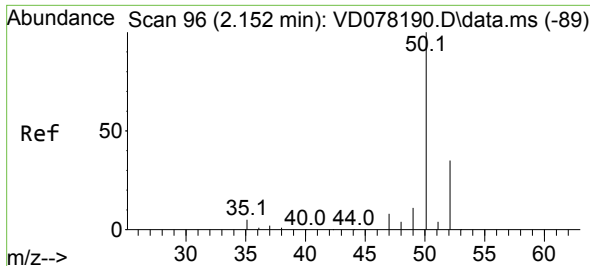
Tgt Ion:168 Resp: 137453
Ion Ratio Lower Upper
168 100
99 57.8 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 47.308 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 85 Resp: 63958
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

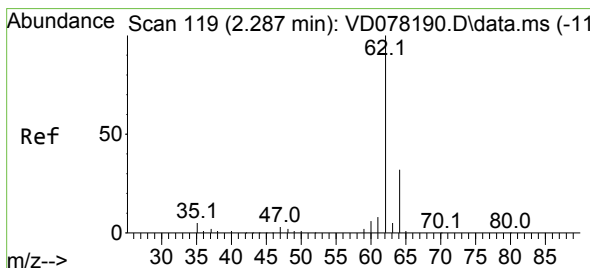
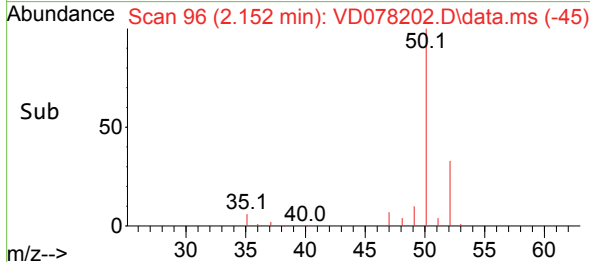
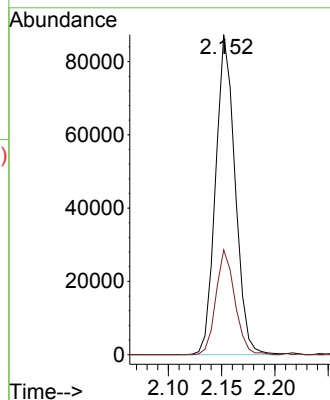
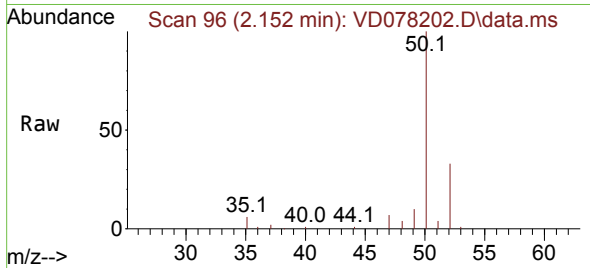




#3
Chloromethane
Concen: 49.841 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

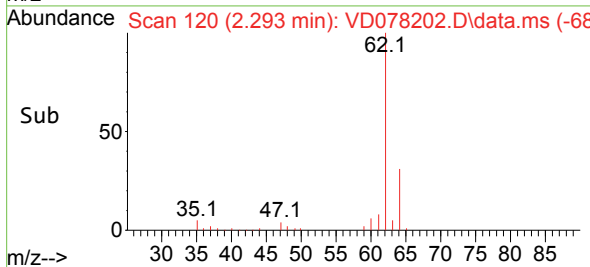
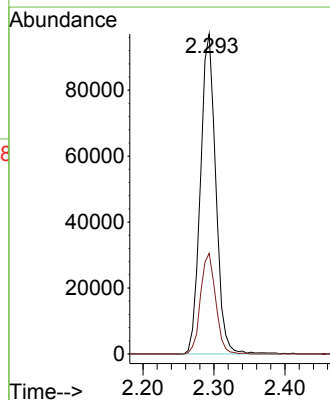
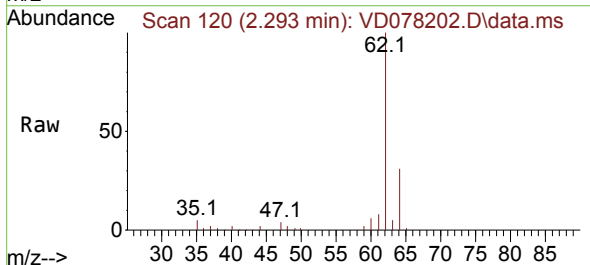
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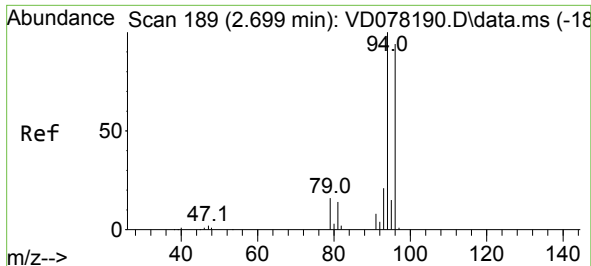
Tgt Ion: 50 Resp: 111123
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 44.816 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 62 Resp: 146076
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

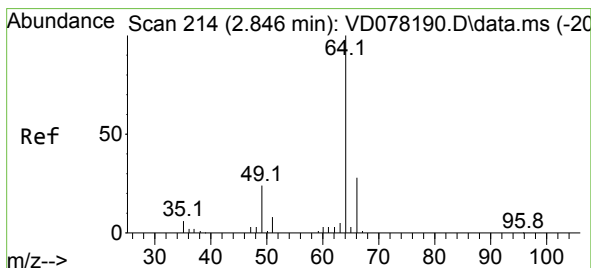
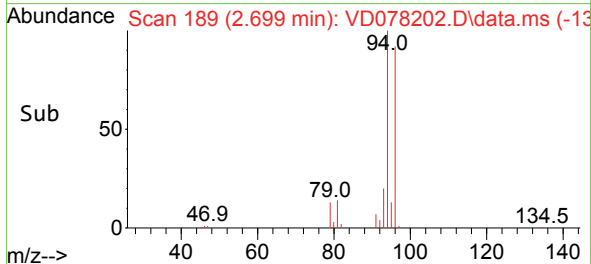
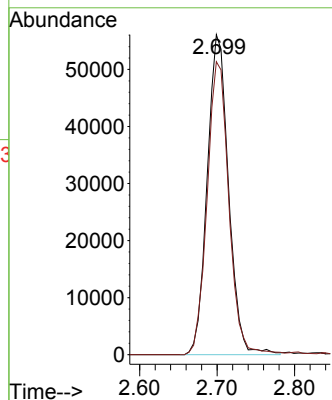
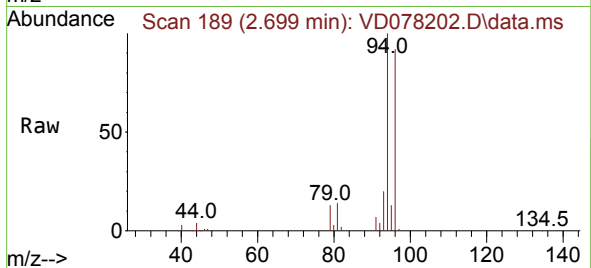




#5
Bromomethane
Concen: 45.069 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

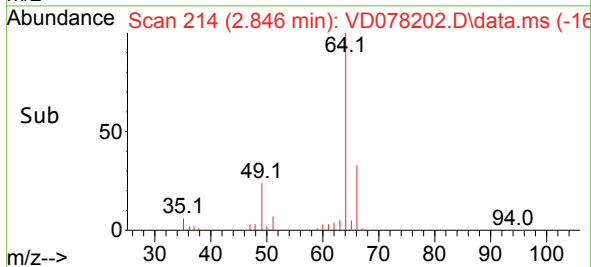
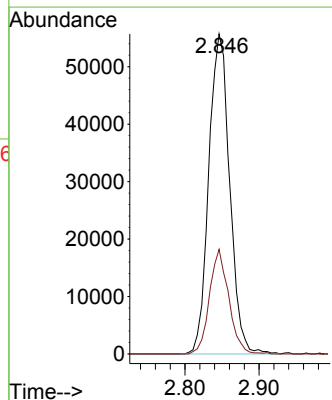
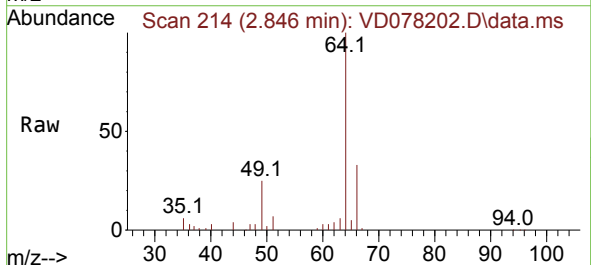
Instrument :
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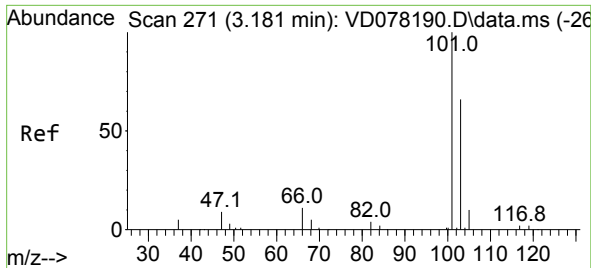
Tgt Ion: 94 Resp: 107204
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 47.953 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 64 Resp: 109179
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

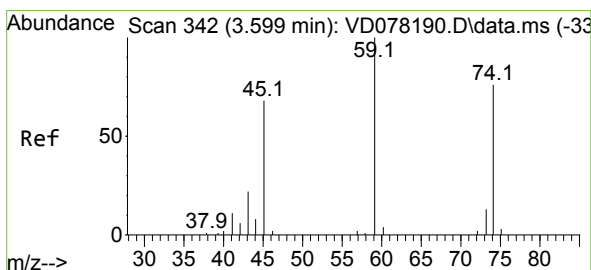
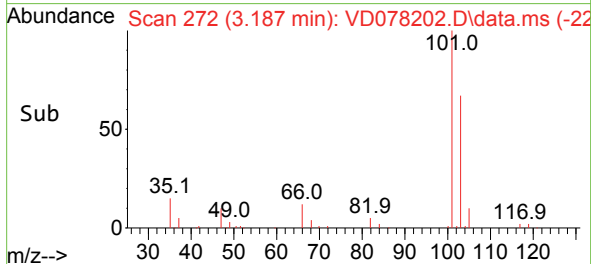
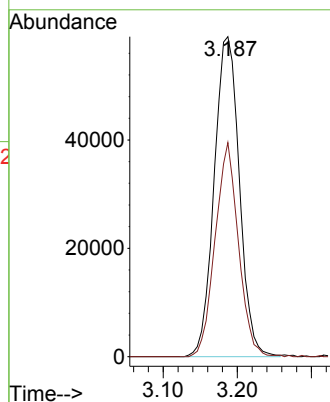
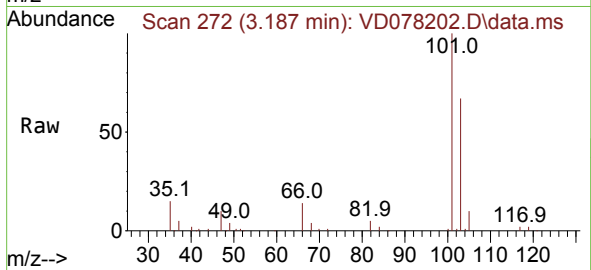




#7
 Trichlorofluoromethane
 Concen: 46.982 ug/l
 RT: 3.187 min Scan# 271
 Delta R.T. 0.006 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

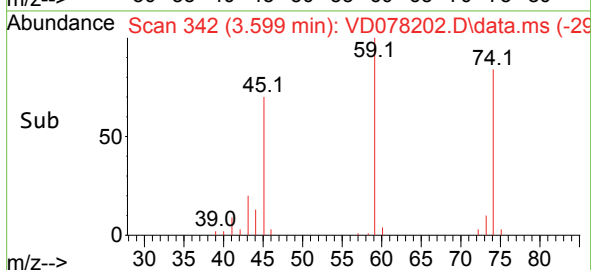
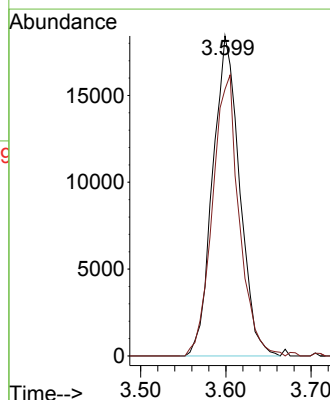
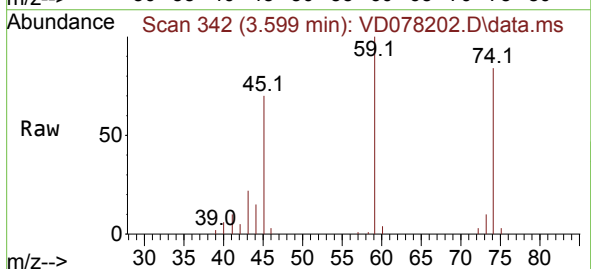
Instrument :
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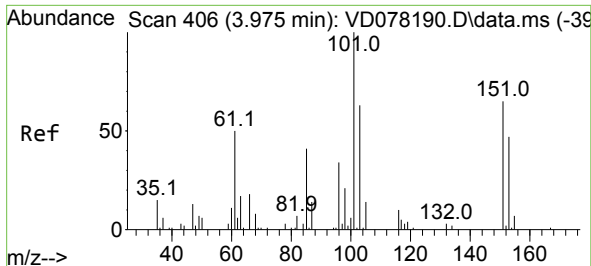
Tgt Ion:101 Resp: 139290
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.193 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

Tgt Ion: 74 Resp: 40430
 Ion Ratio Lower Upper
 74 100
 45 87.1 37.5 112.7

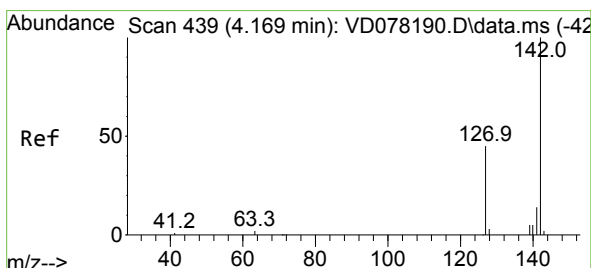
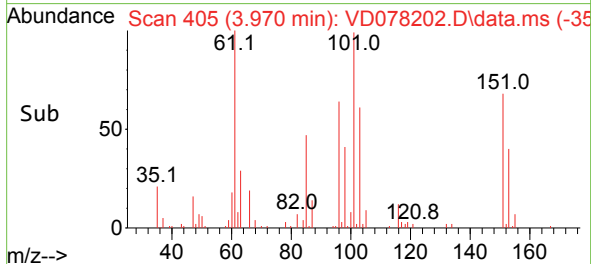
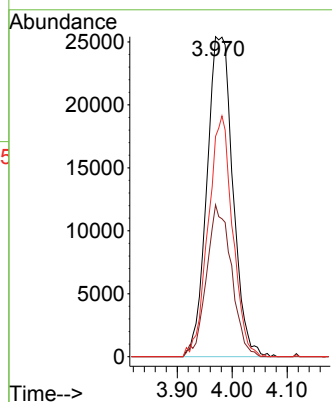
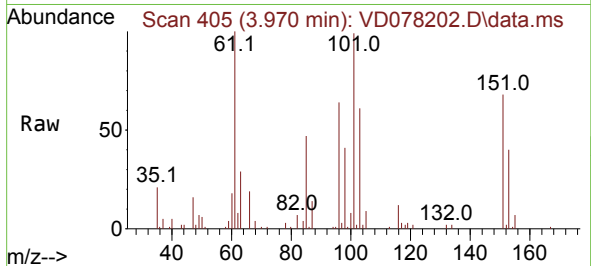




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.592 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

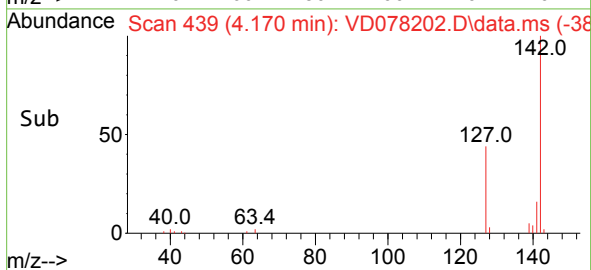
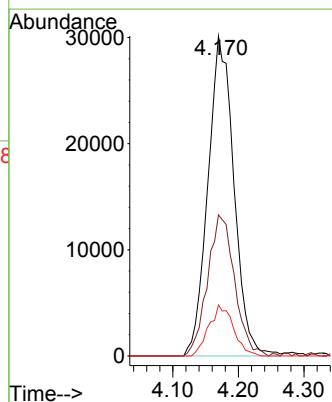
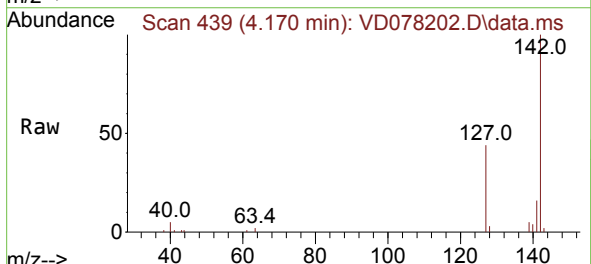
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

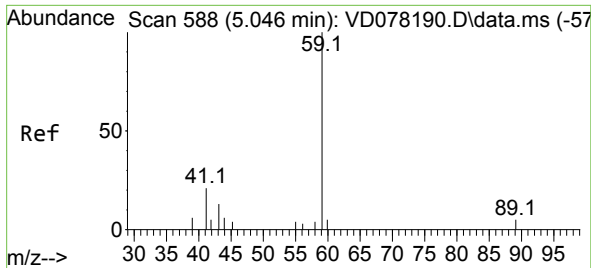
Tgt Ion:	101	Resp:	83440
Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.8	50.6
151	70.7	59.8	89.6



#10
Methyl Iodide
Concen: 48.151 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:	142	Resp:	82883
Ion	Ratio	Lower	Upper
142	100		
127	45.9	29.4	44.0#
141	15.0	11.1	16.7

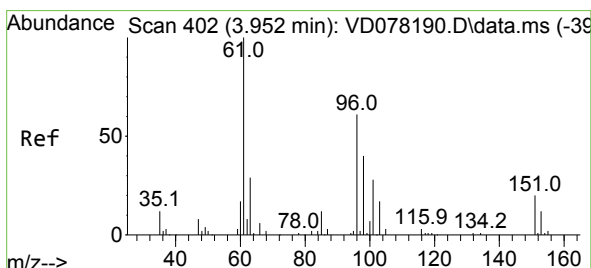
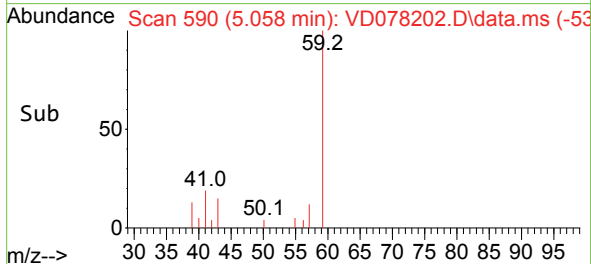
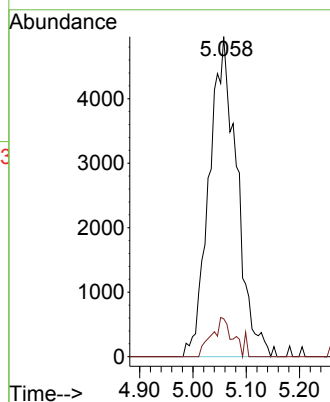
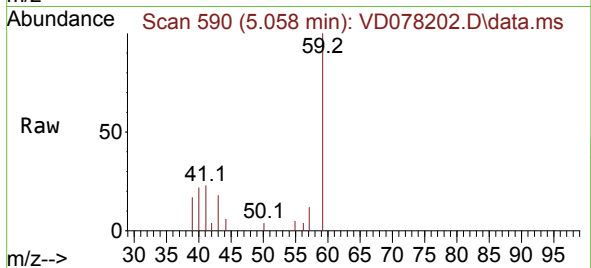




#11
Tert butyl alcohol
Concen: 233.422 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

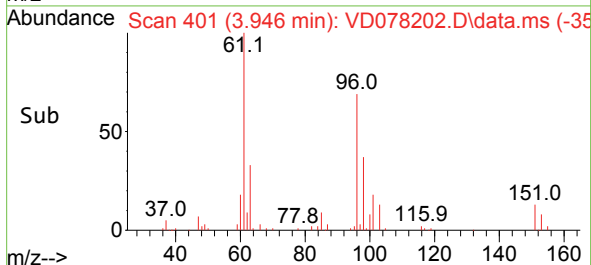
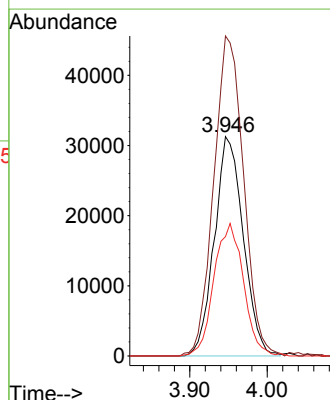
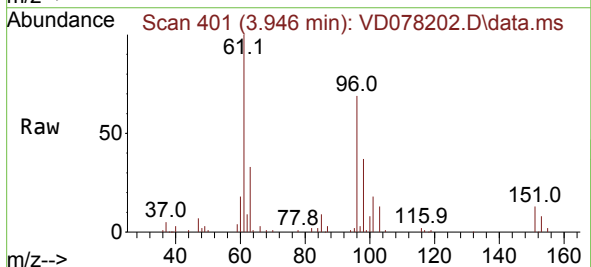
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

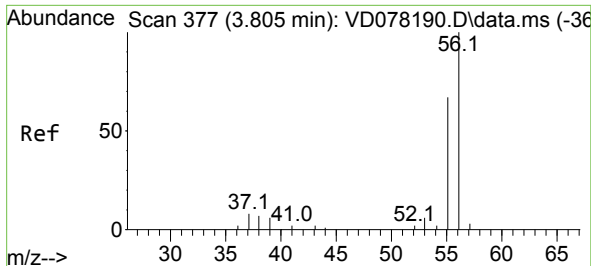
Tgt Ion: 59 Resp: 18032
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.680 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 96 Resp: 81105
Ion Ratio Lower Upper
96 100
61 145.8 100.6 150.8
98 54.4 50.2 75.2





#13

Acrolein

Concen: 215.368 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

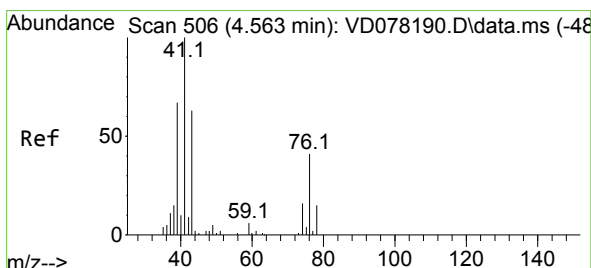
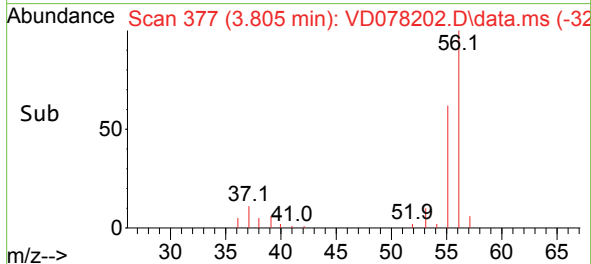
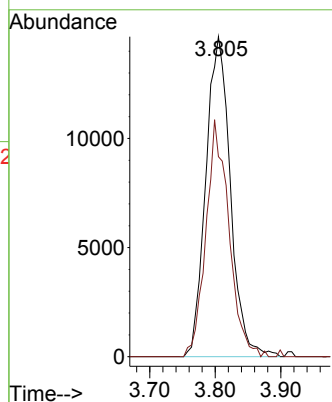
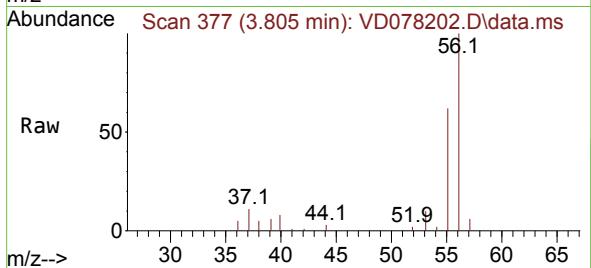
VSTDCCC050

Tgt Ion: 56 Resp: 38193

Ion Ratio Lower Upper

56 100

55 69.1 55.1 82.7



#14

Allyl chloride

Concen: 47.079 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

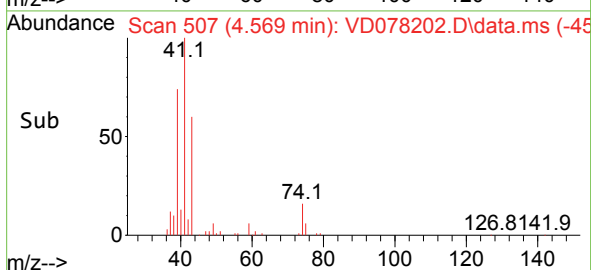
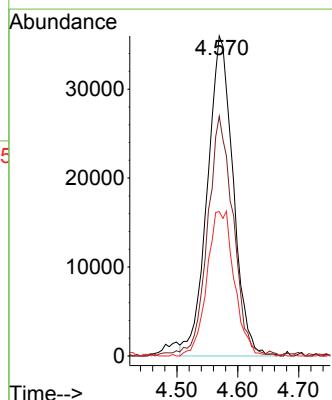
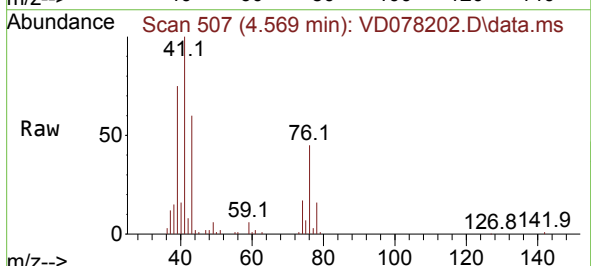
Tgt Ion: 41 Resp: 105632

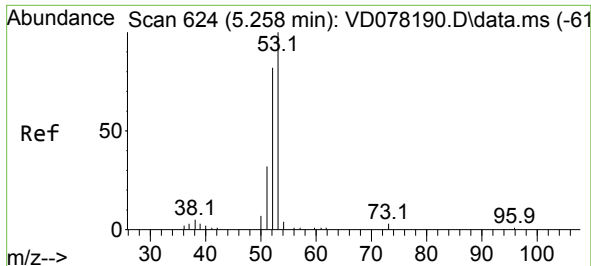
Ion Ratio Lower Upper

41 100

39 74.7 53.8 80.6

76 48.0 45.8 68.8

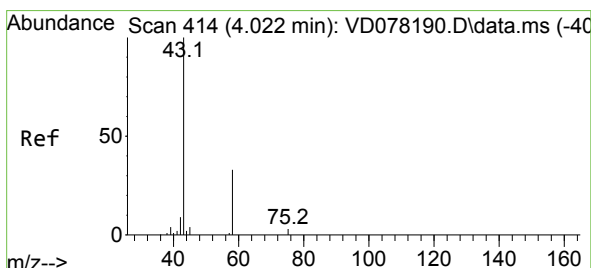
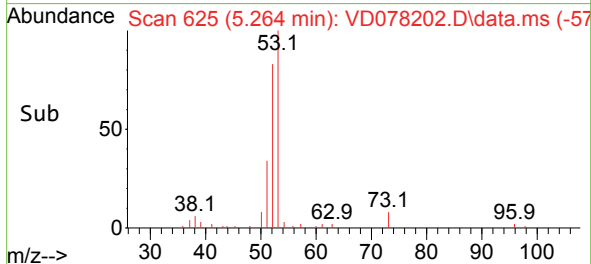
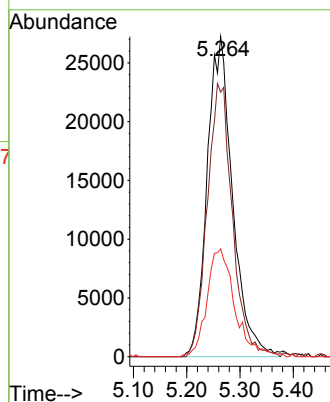
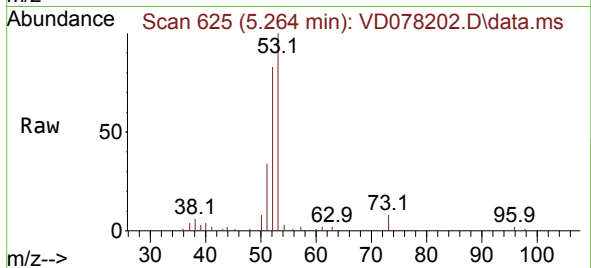




#15
Acrylonitrile
Concen: 244.715 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

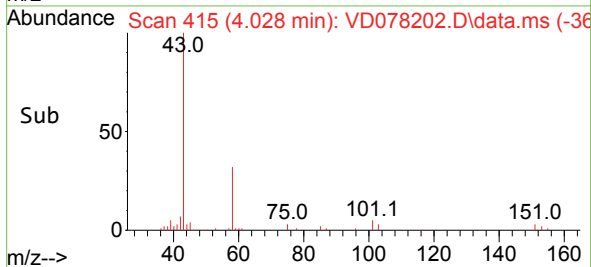
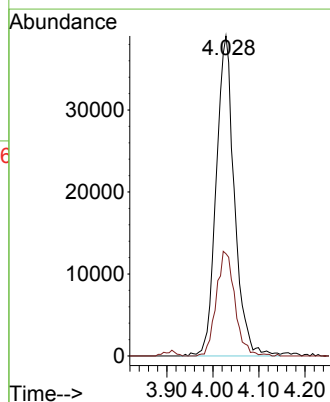
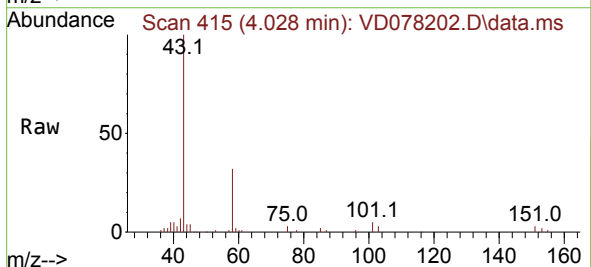
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

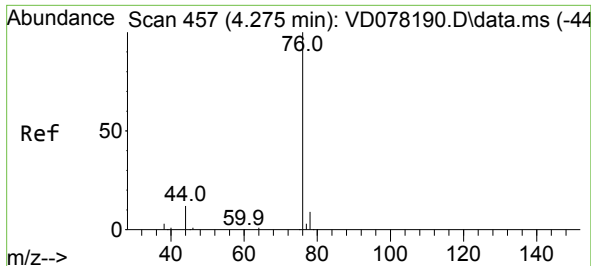
Tgt Ion: 53	Resp:	90251
Ion Ratio	Lower	Upper
53	100	
52	84.2	65.0 97.4
51	36.8	28.3 42.5



#16
Acetone
Concen: 284.915 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 43	Resp:	107119
Ion Ratio	Lower	Upper
43	100	
58	31.9	34.7 52.1#





#17

Carbon Disulfide

Concen: 46.676 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

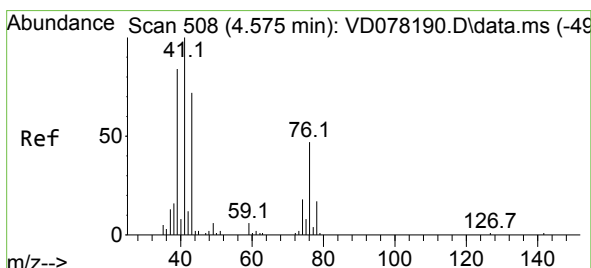
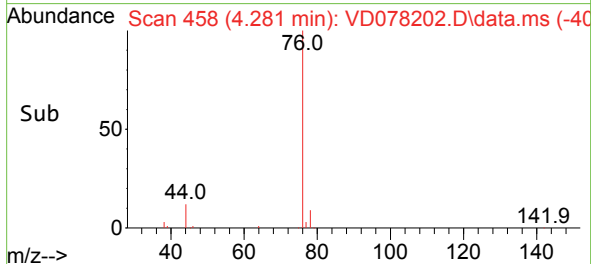
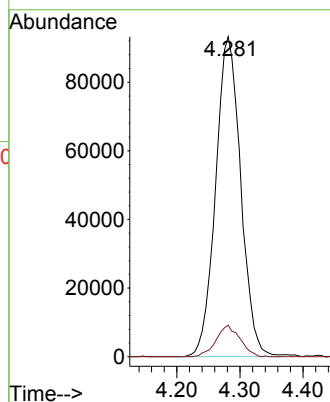
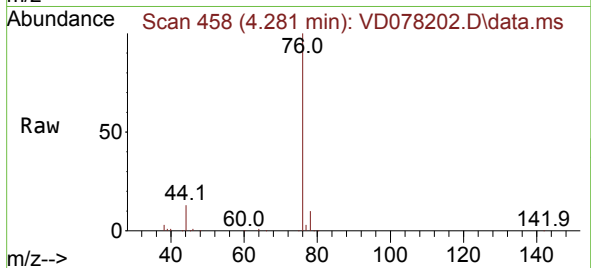
VSTDCCC050

Tgt Ion: 76 Resp: 257454

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2



#18

Methyl Acetate

Concen: 48.965 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078202.D

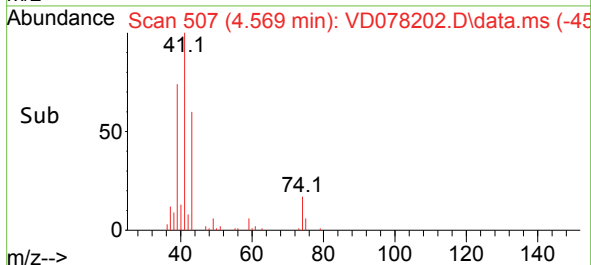
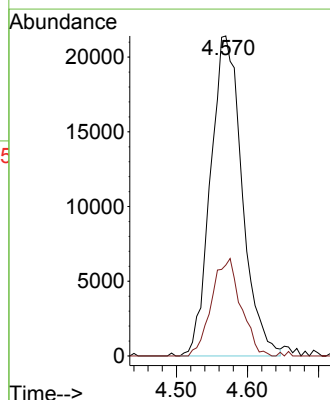
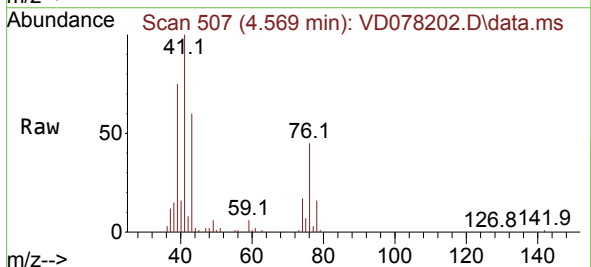
Acq: 23 Jan 2024 10:47

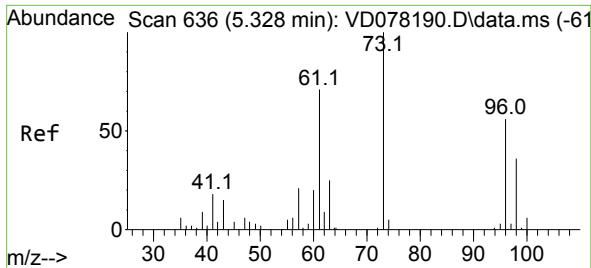
Tgt Ion: 43 Resp: 66104

Ion Ratio Lower Upper

43 100

74 28.3 26.4 39.6

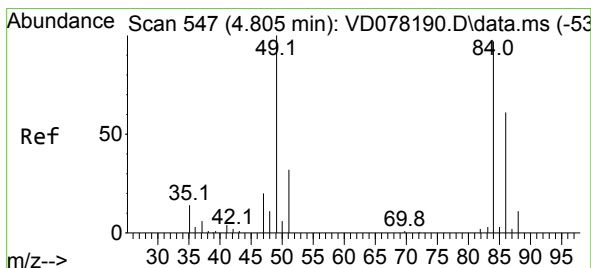
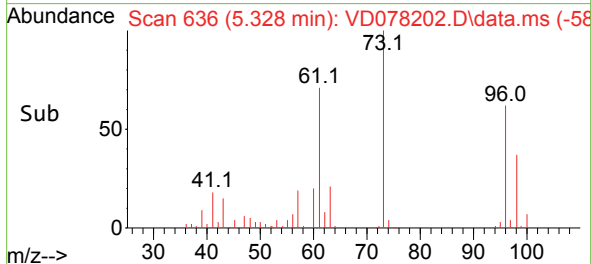
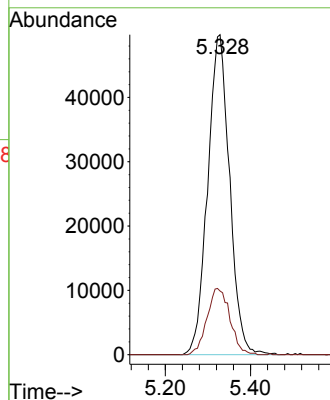
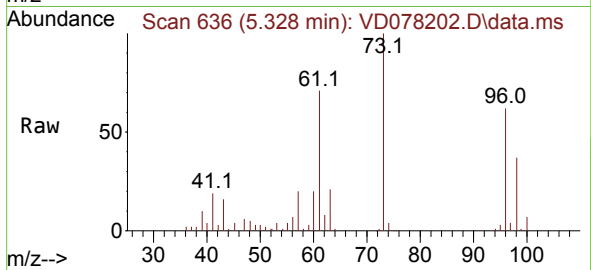




#19
Methyl tert-butyl Ether
Concen: 50.005 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

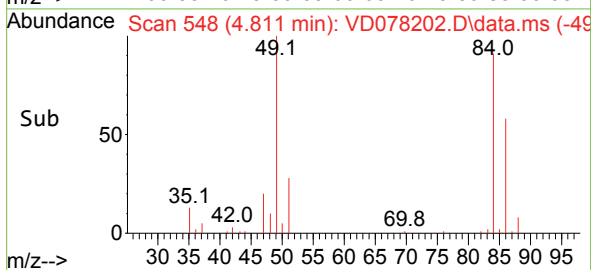
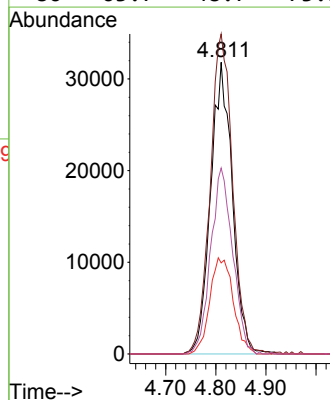
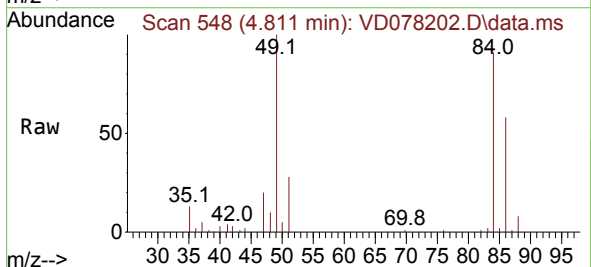
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

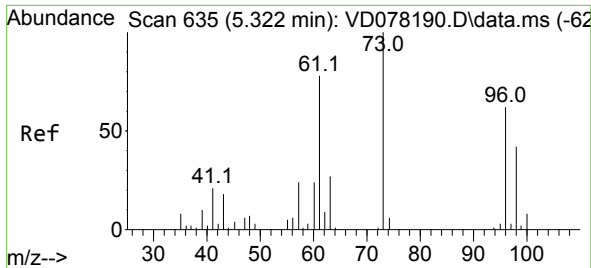
Tgt Ion: 73 Resp: 177376
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 50.159 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 84 Resp: 95445
Ion Ratio Lower Upper
84 100
49 109.7 71.4 107.2#
51 31.2 24.5 36.7
86 63.7 48.7 73.1

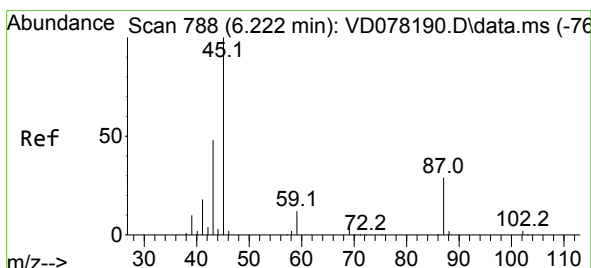
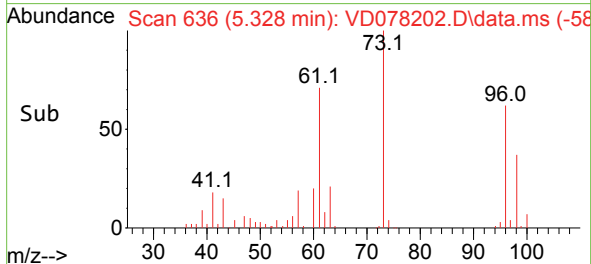
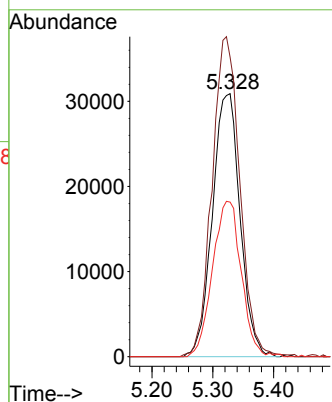
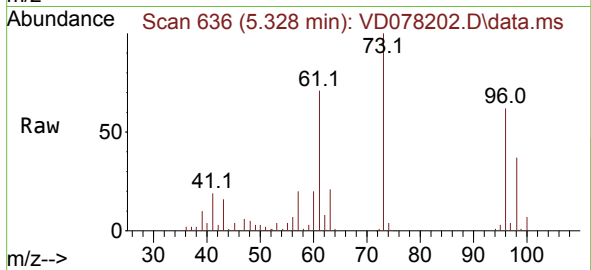




#21
trans-1,2-Dichloroethene
Concen: 49.614 ug/l
RT: 5.328 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

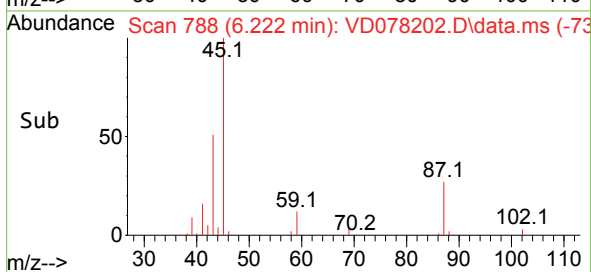
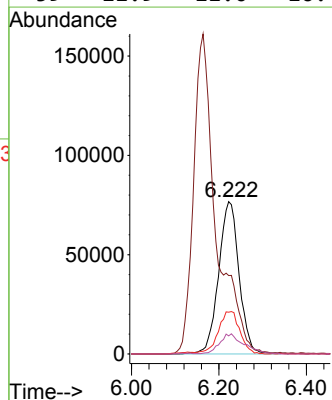
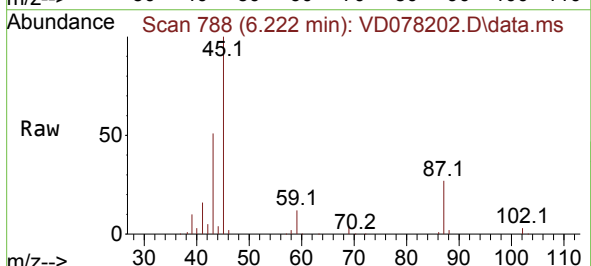
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

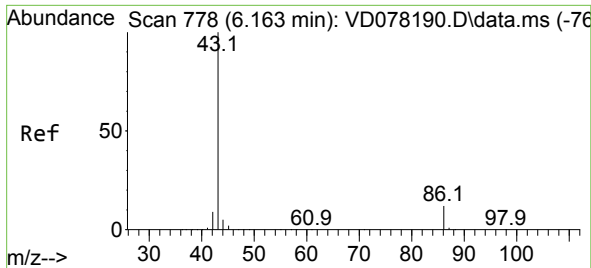
Tgt Ion: 96 Resp: 97521
Ion Ratio Lower Upper
96 100
61 113.8 89.3 133.9
98 58.8 48.6 73.0



#22
Diisopropyl ether
Concen: 52.334 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 45 Resp: 248474
Ion Ratio Lower Upper
45 100
43 50.4 40.0 60.0
87 27.1 28.2 42.4#
59 11.9 11.0 16.4

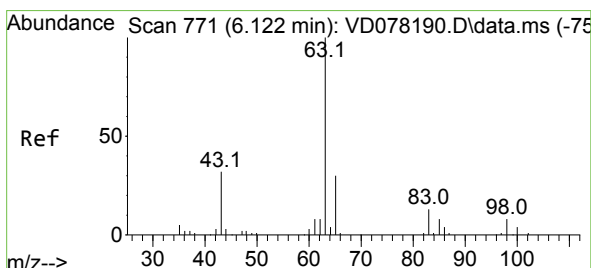
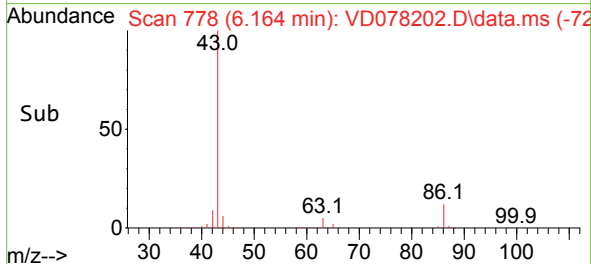
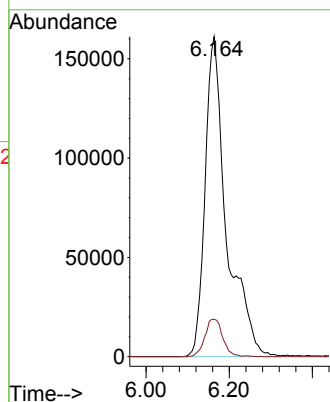
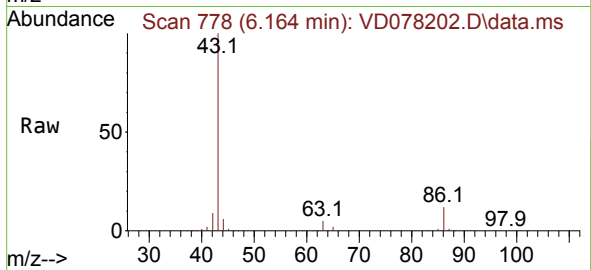




#23
 Vinyl Acetate
 Concen: 246.561 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

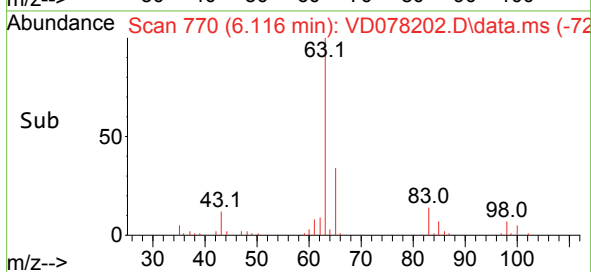
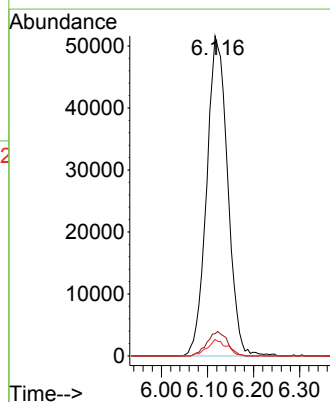
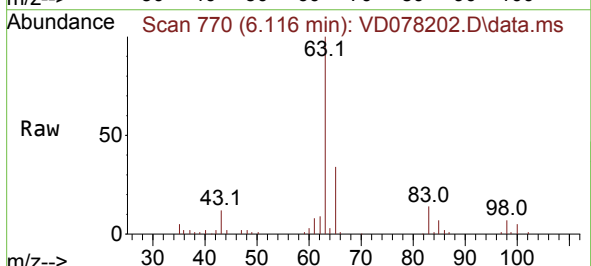
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

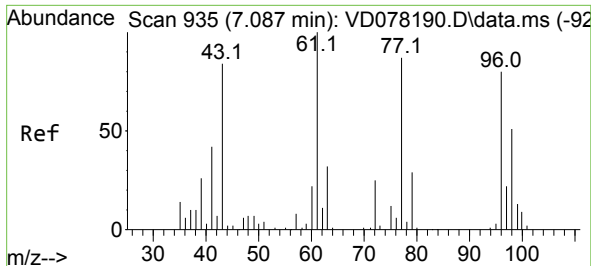
Tgt Ion: 43 Resp: 576753
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.862 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

Tgt Ion: 63 Resp: 163583
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.2 2.5 7.5

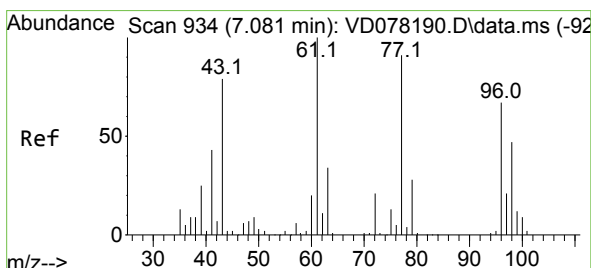
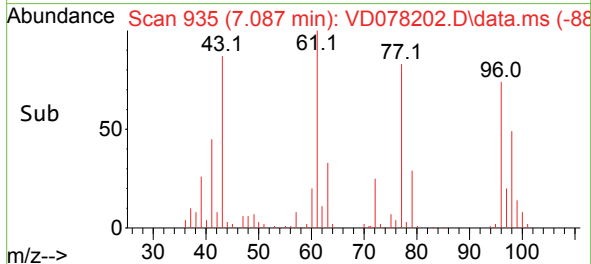
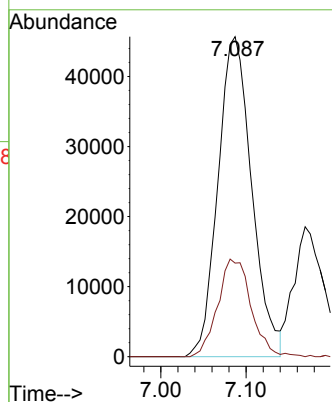
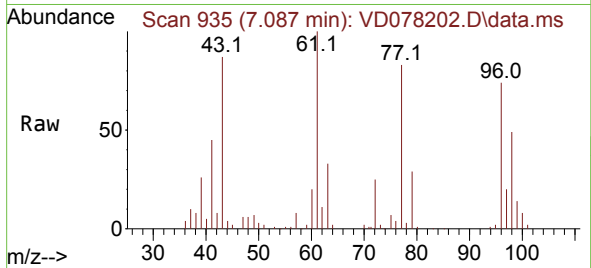




#25
2-Butanone
Concen: 254.691 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

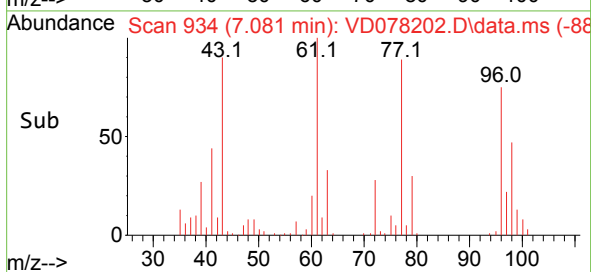
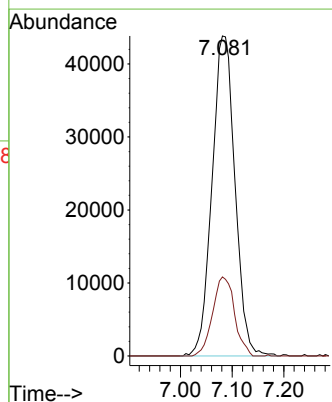
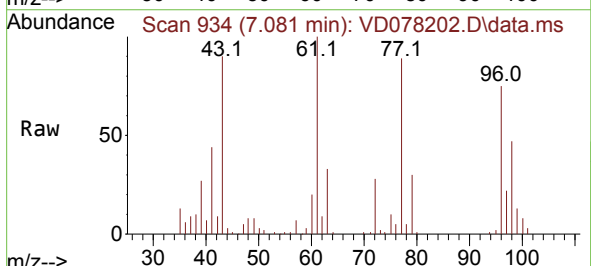
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

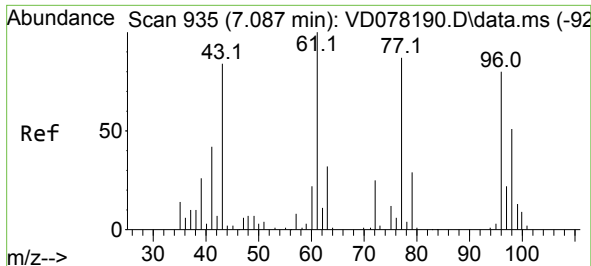
Tgt Ion: 43 Resp: 125829
Ion Ratio Lower Upper
43 100
72 29.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.117 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 77 Resp: 134986
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.227 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

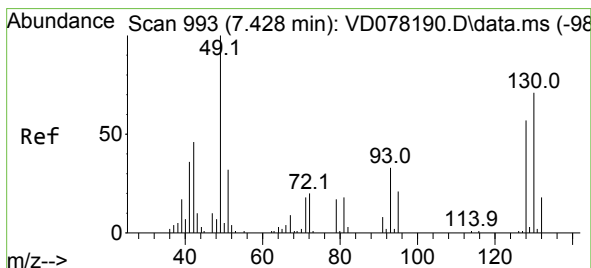
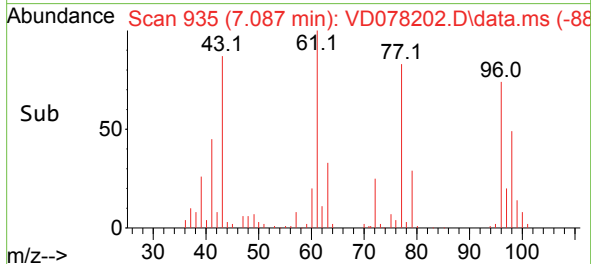
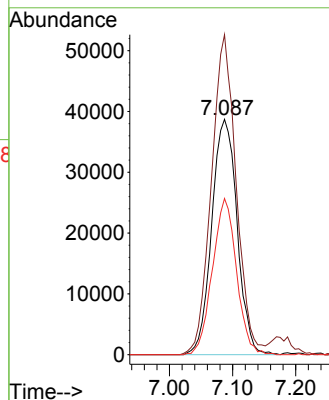
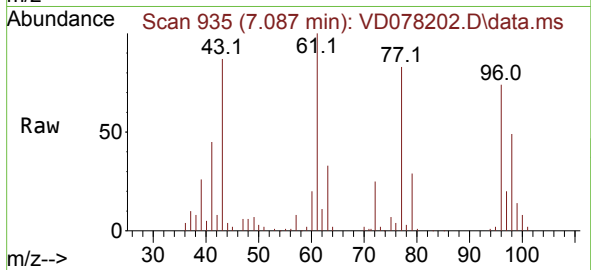
Tgt Ion: 96 Resp: 108163

Ion Ratio Lower Upper

96 100

61 132.8 0.0 239.2

98 63.0 0.0 128.6



#28

Bromochloromethane

Concen: 49.313 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

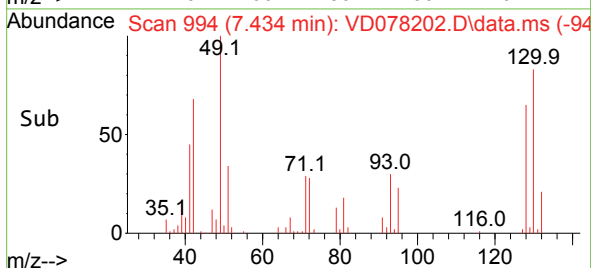
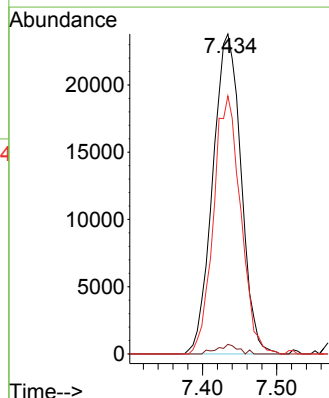
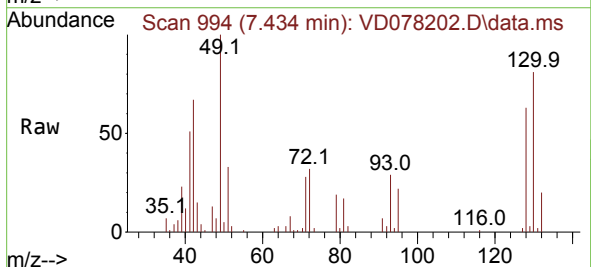
Tgt Ion: 49 Resp: 63099

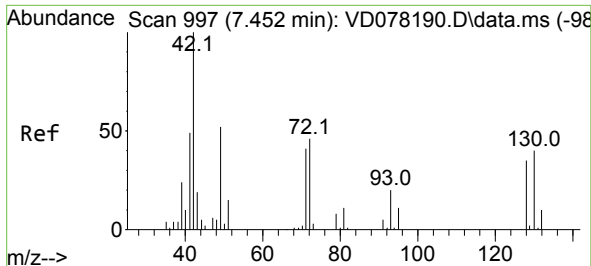
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 77.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 257.412 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

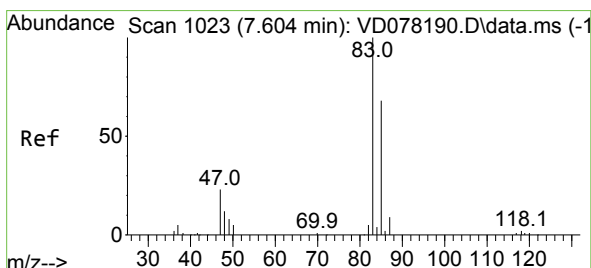
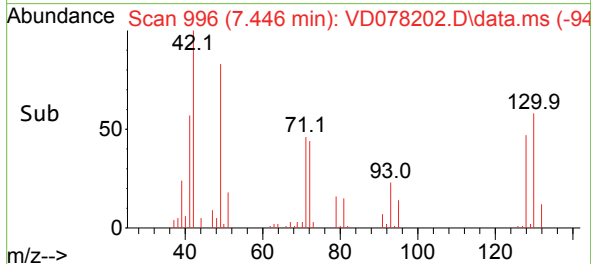
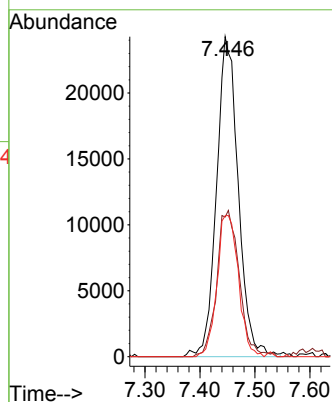
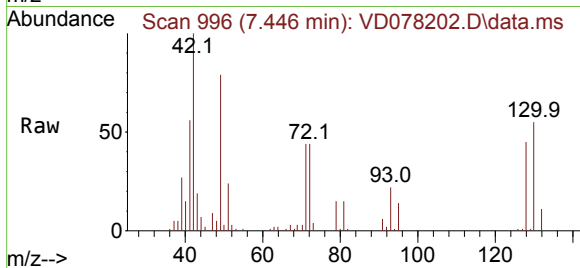
Tgt Ion: 42 Resp: 66637

Ion Ratio Lower Upper

42 100

72 47.3 46.5 69.7

71 43.5 44.5 66.7#



#30

Chloroform

Concen: 51.072 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078202.D

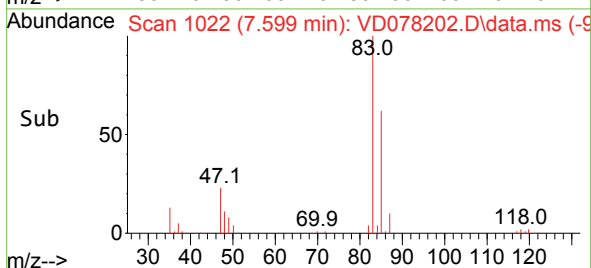
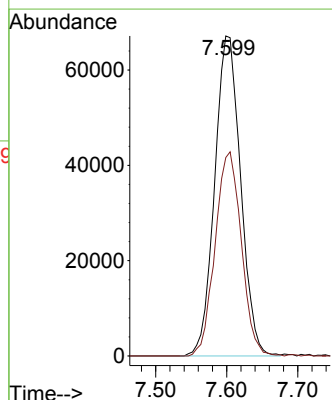
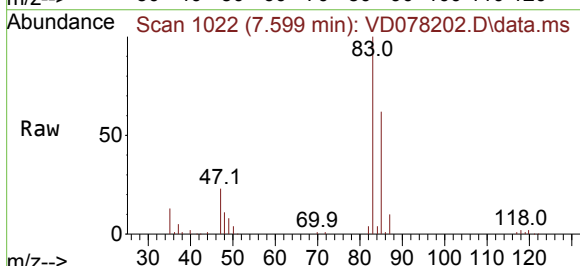
Acq: 23 Jan 2024 10:47

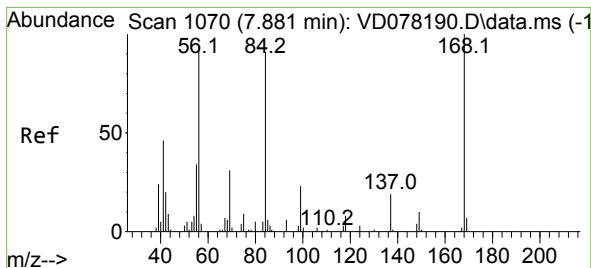
Tgt Ion: 83 Resp: 170399

Ion Ratio Lower Upper

83 100

85 62.0 53.4 80.2





#31

Cyclohexane

Concen: 46.949 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

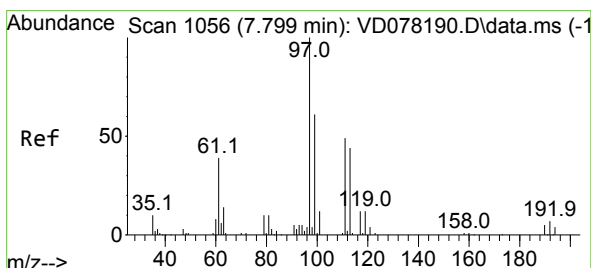
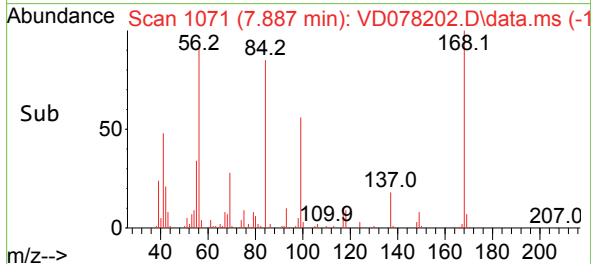
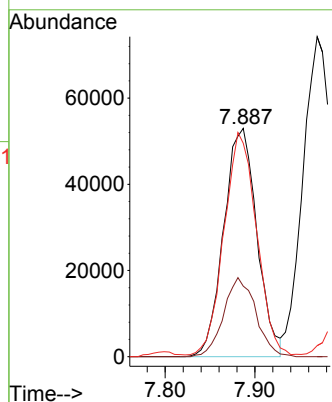
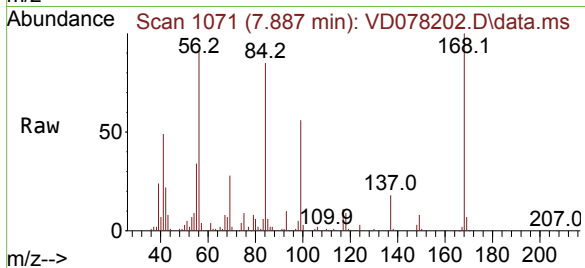
Tgt Ion: 56 Resp: 136214

Ion Ratio Lower Upper

56 100

69 30.9 28.6 43.0

84 92.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.625 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

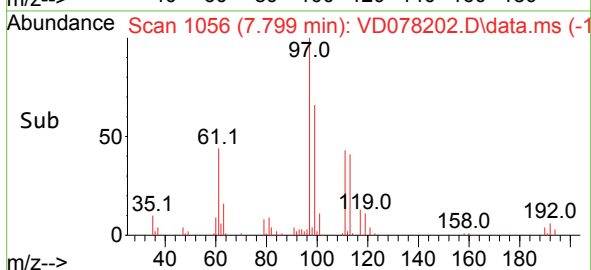
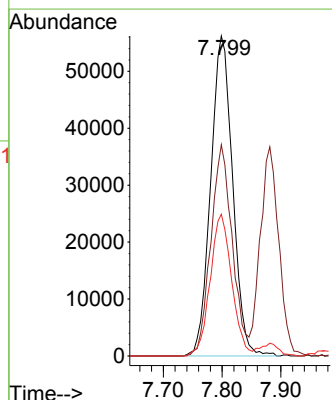
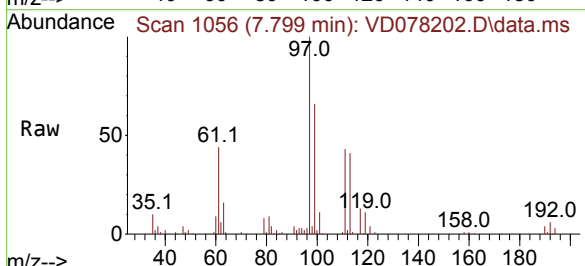
Tgt Ion: 97 Resp: 145906

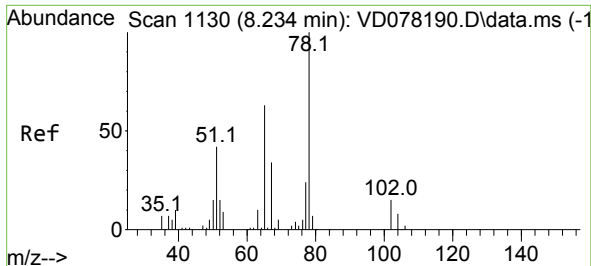
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 43.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.811 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

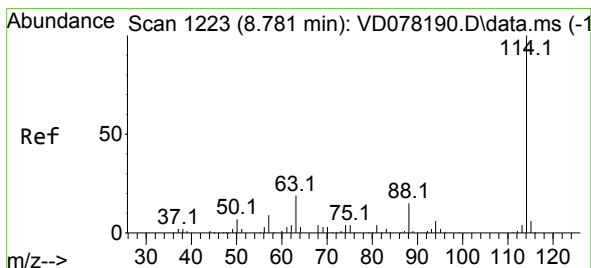
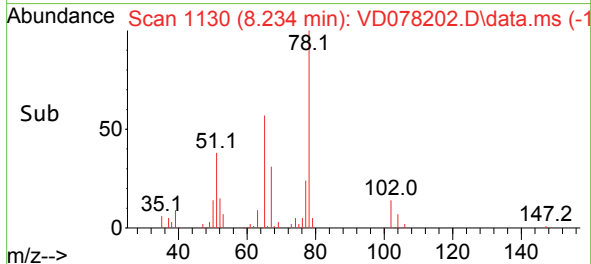
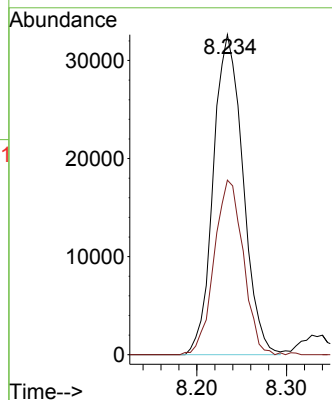
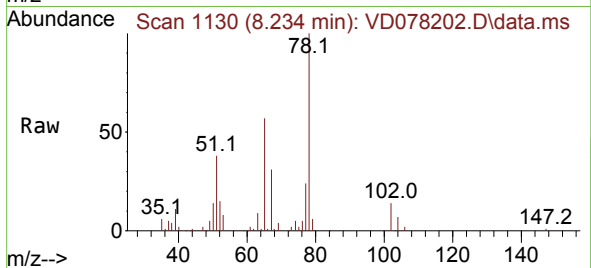
VSTDCCC050

Tgt Ion: 65 Resp: 75023

Ion Ratio Lower Upper

65 100

67 53.4 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: VD078202.D

Acq: 23 Jan 2024 10:47

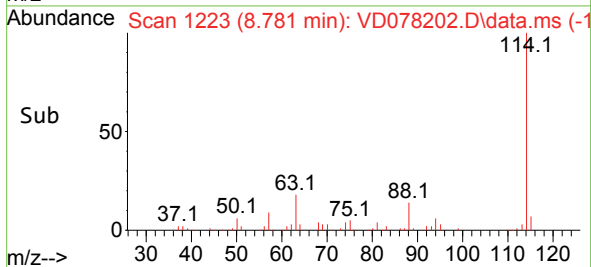
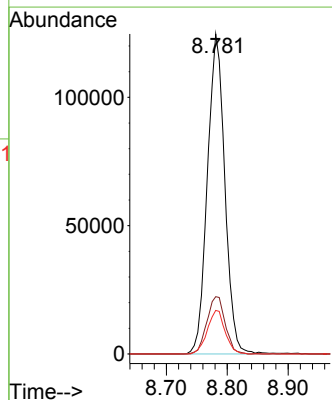
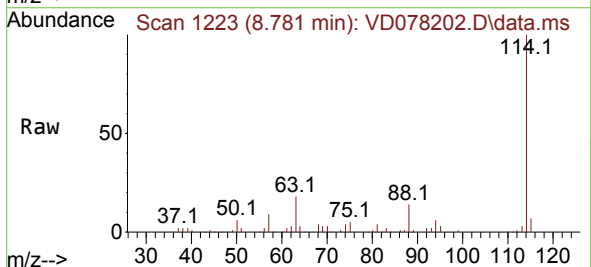
Tgt Ion: 114 Resp: 248233

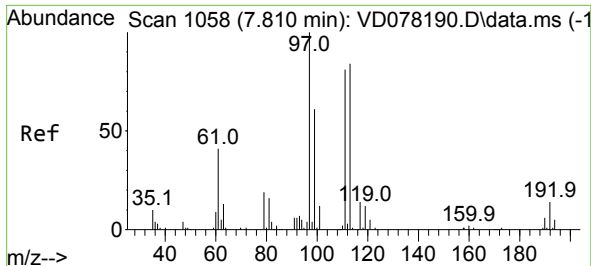
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.6 0.0 26.2

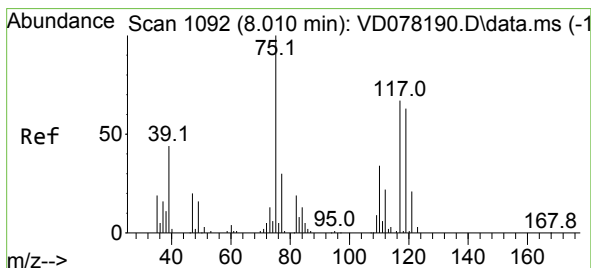
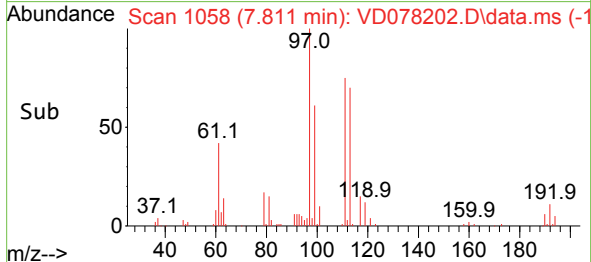
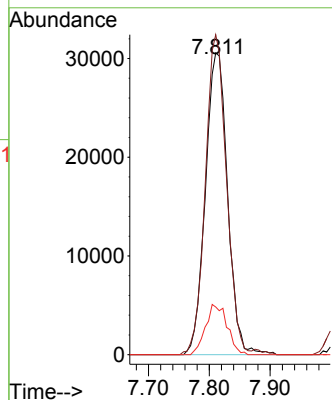
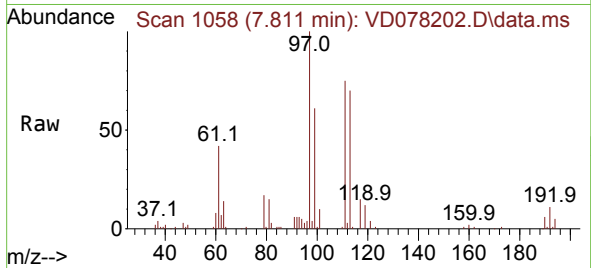




#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

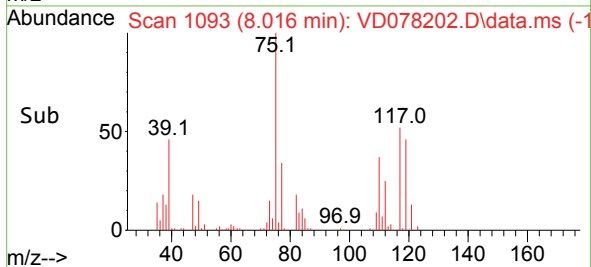
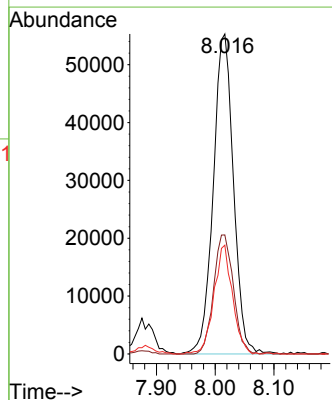
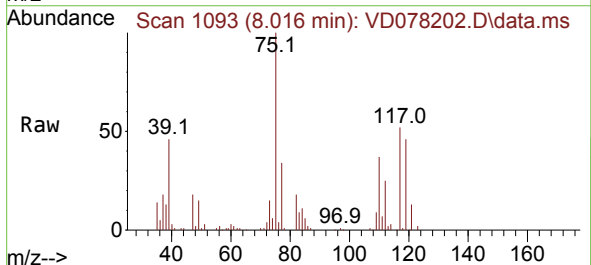
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

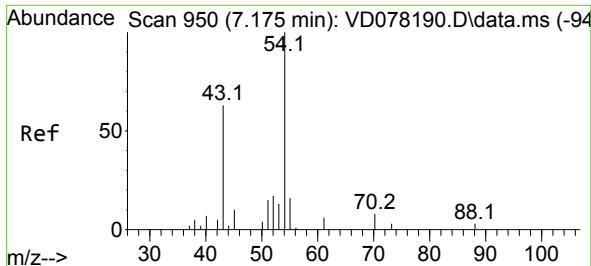
Tgt Ion:113 Resp: 77467
Ion Ratio Lower Upper
113 100
111 100.9 84.7 127.1
192 16.2 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 49.221 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 75 Resp: 132234
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 46.536 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

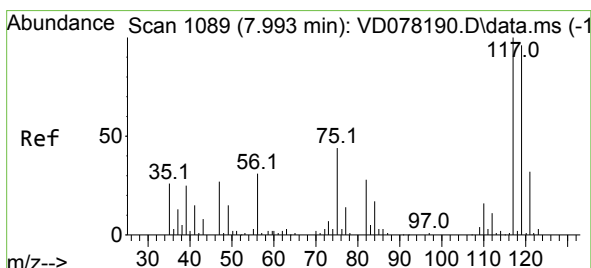
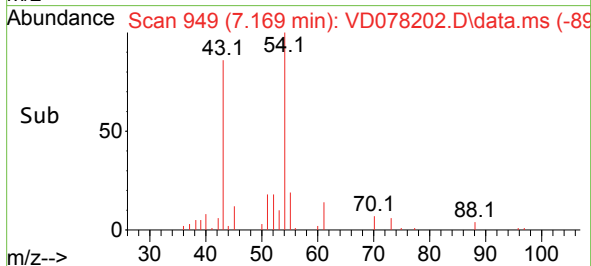
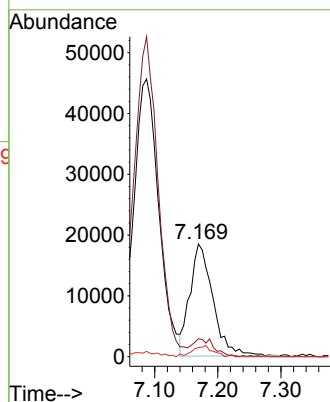
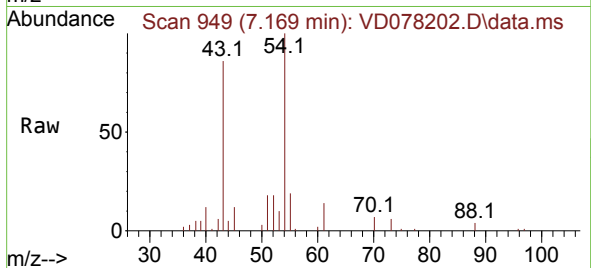
Tgt Ion: 43 Resp: 46543

Ion Ratio Lower Upper

43 100

61 14.9 14.9 22.3

70 8.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 47.956 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

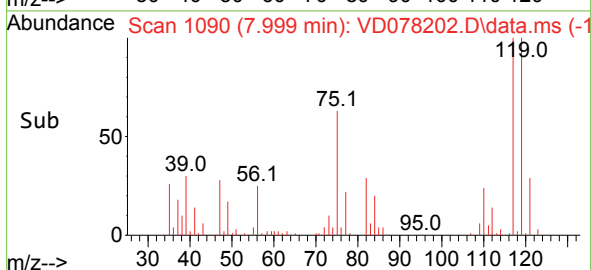
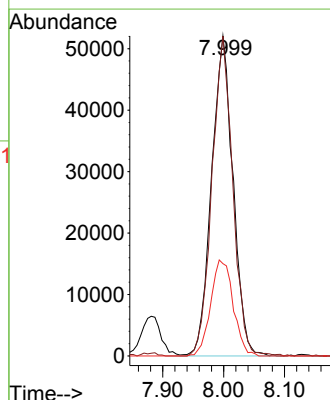
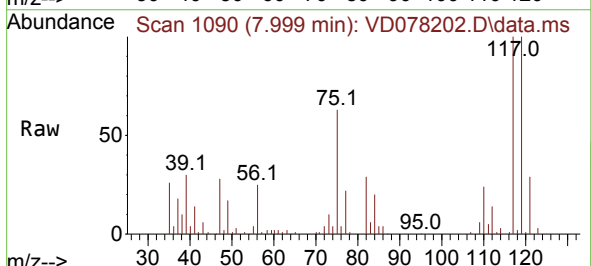
Tgt Ion:117 Resp: 127242

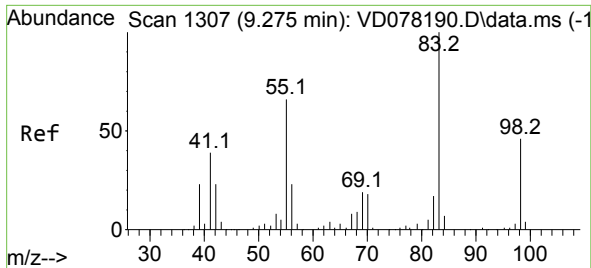
Ion Ratio Lower Upper

117 100

119 99.9 78.0 117.0

121 28.9 24.2 36.2

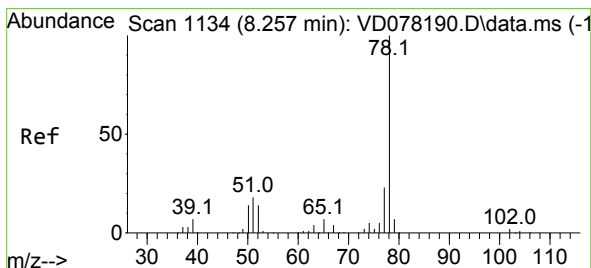
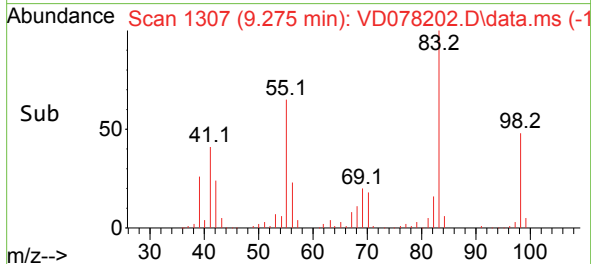
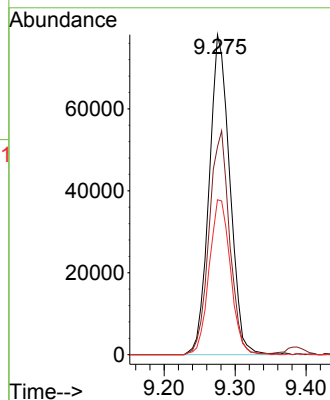
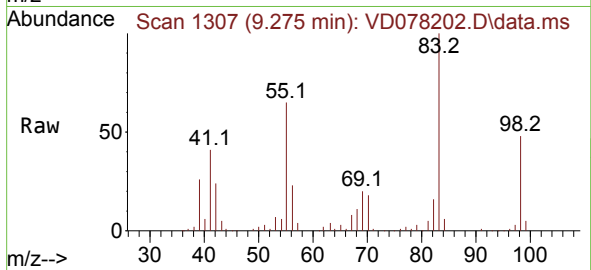




#39
Methylcyclohexane
Concen: 49.720 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

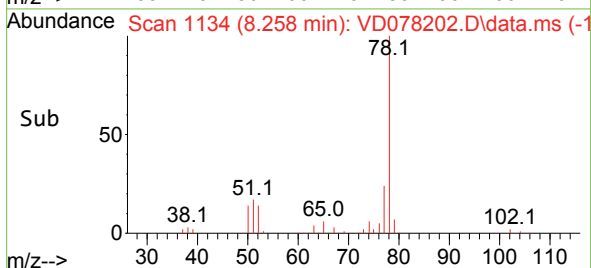
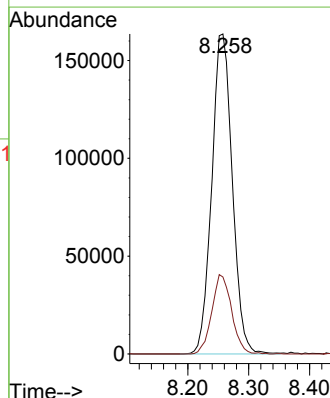
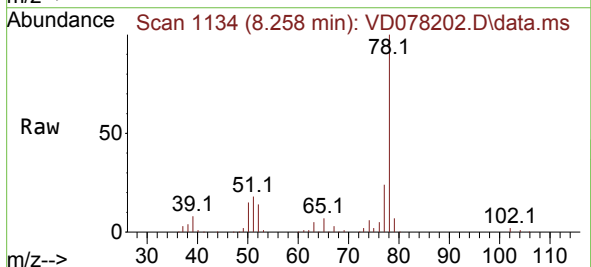
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

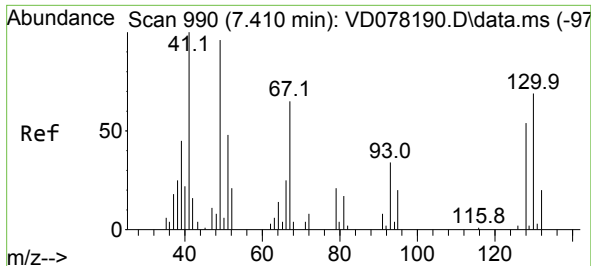
Tgt Ion: 83 Resp: 157968
Ion Ratio Lower Upper
83 100
55 64.9 49.4 74.0
98 48.4 38.4 57.6



#40
Benzene
Concen: 50.294 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 78 Resp: 383437
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



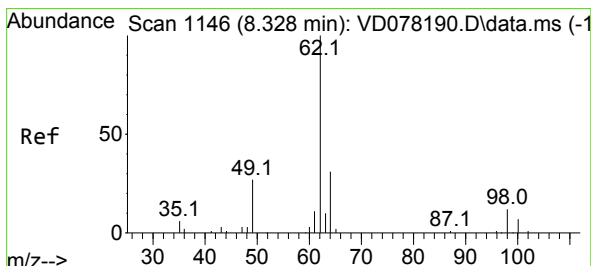
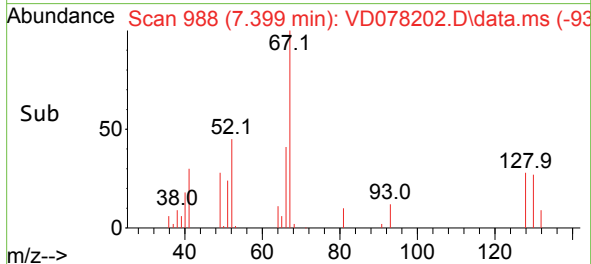
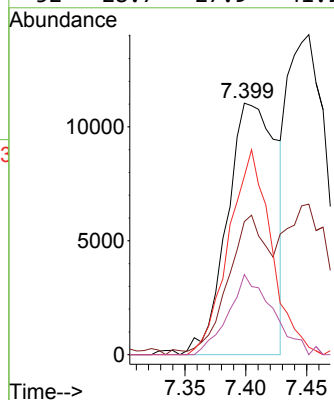
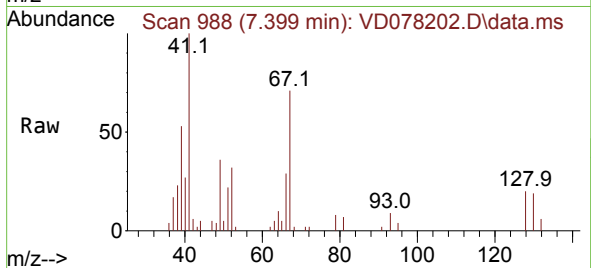


#41
Methacrylonitrile
Concen: 56.671 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 31122

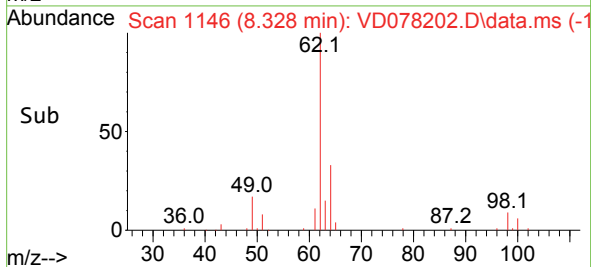
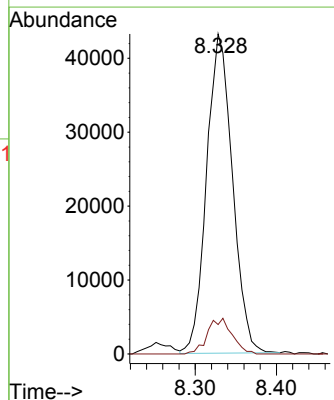
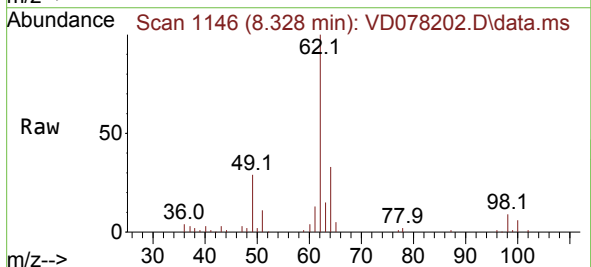
Ion	Ratio	Lower	Upper
41	100		
39	46.2	34.0	51.0
67	70.5	77.0	115.4#
52	28.7	27.9	41.9

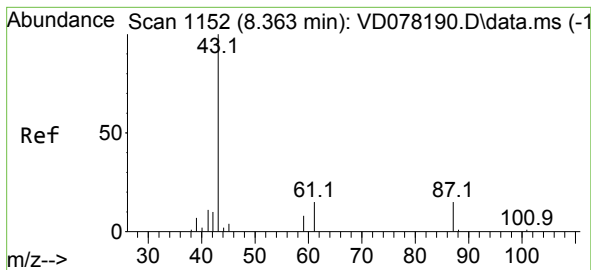


#42
1,2-Dichloroethane
Concen: 48.191 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 62 Resp: 95595

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	25.4





#43

Isopropyl Acetate

Concen: 48.351 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

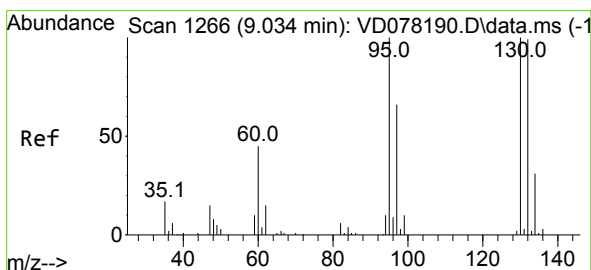
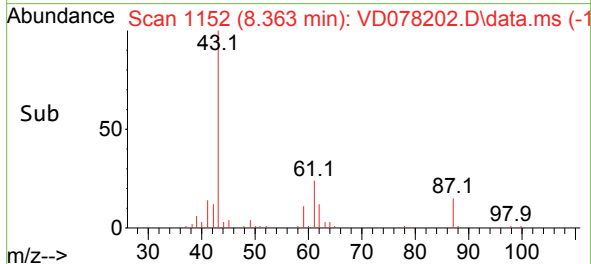
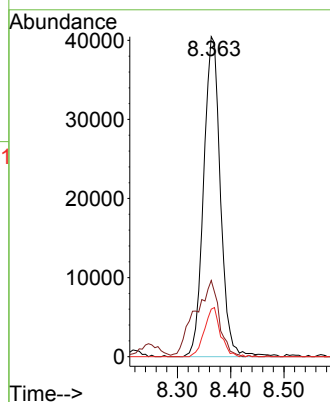
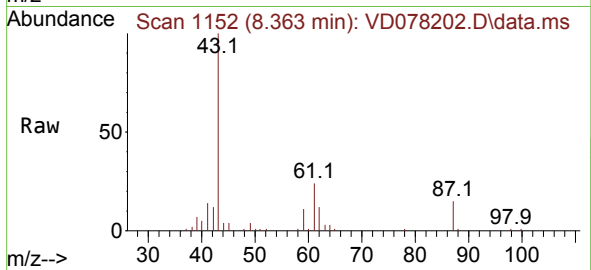
Tgt Ion: 43 Resp: 88596

Ion Ratio Lower Upper

43 100

61 34.4 31.4 47.0

87 14.6 14.9 22.3#



#44

Trichloroethene

Concen: 48.542 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD078202.D

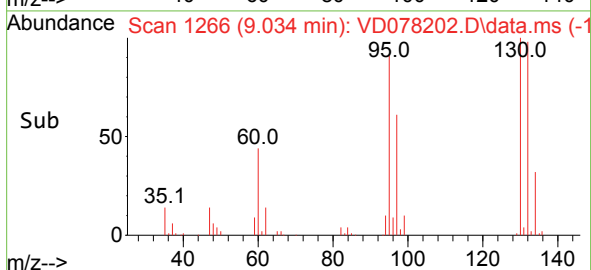
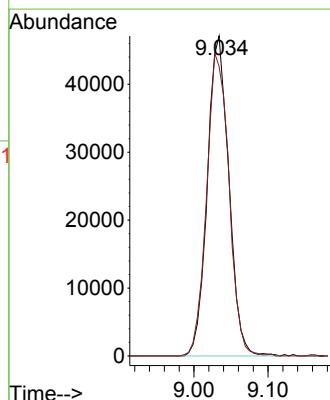
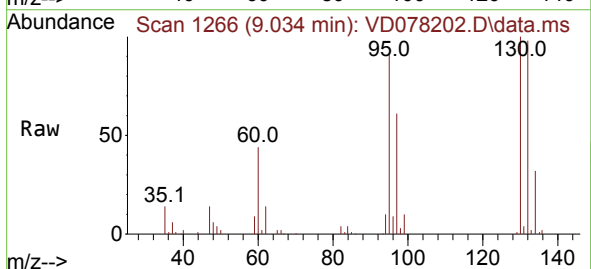
Acq: 23 Jan 2024 10:47

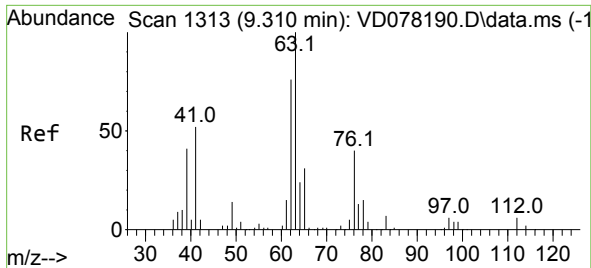
Tgt Ion:130 Resp: 94678

Ion Ratio Lower Upper

130 100

95 90.5 0.0 179.2

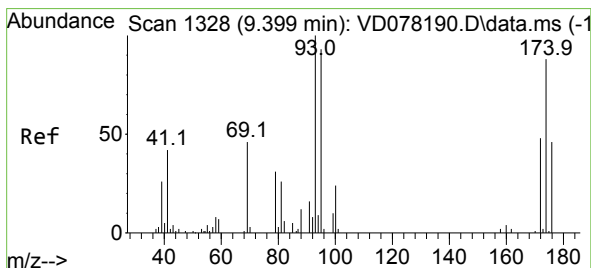
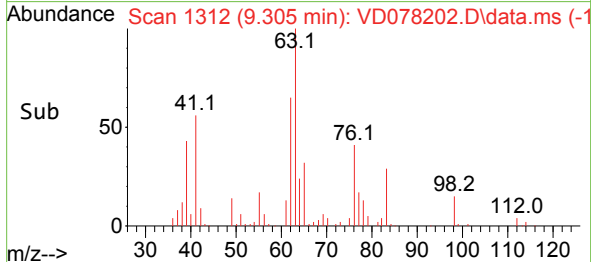
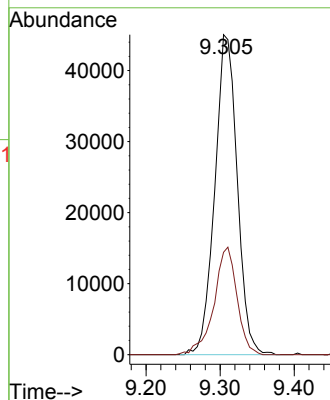
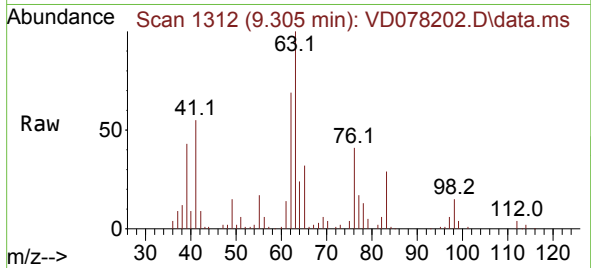




#45
1,2-Dichloropropane
Concen: 50.044 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

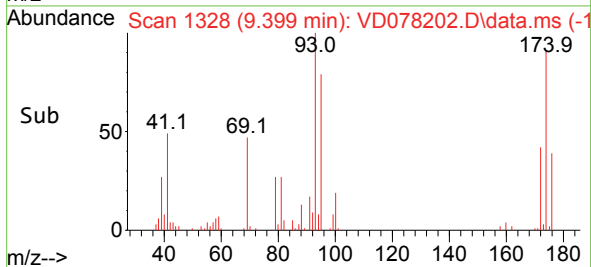
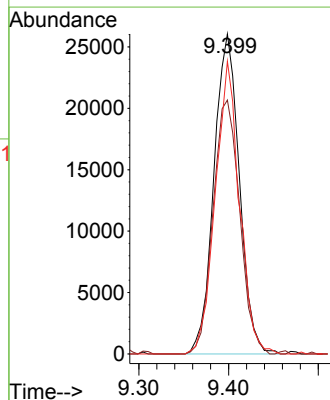
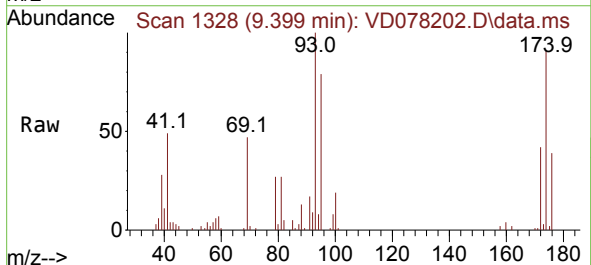
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

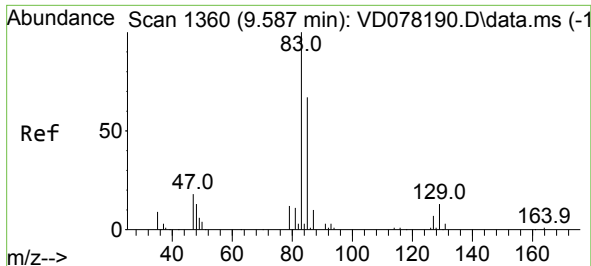
Tgt Ion: 63 Resp: 94675
Ion Ratio Lower Upper
63 100
65 32.0 24.5 36.7



#46
Dibromomethane
Concen: 49.365 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 93 Resp: 51287
Ion Ratio Lower Upper
93 100
95 83.2 67.7 101.5
174 86.8 85.4 128.2

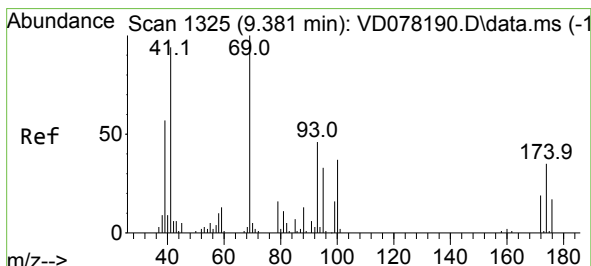
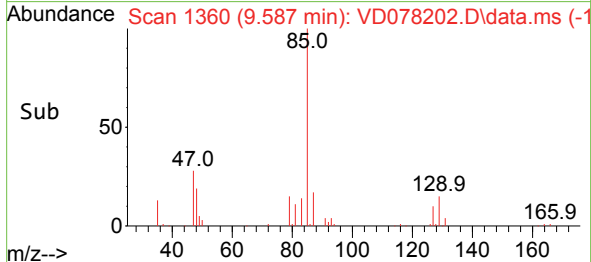
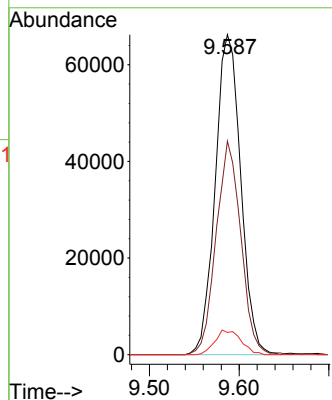
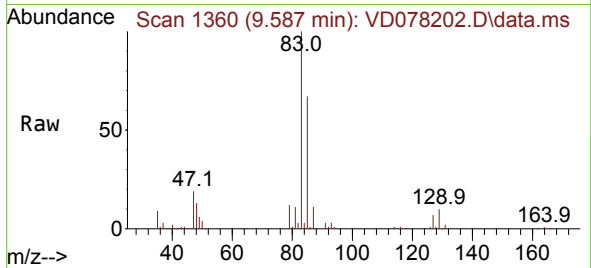




#47
Bromodichloromethane
Concen: 50.067 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

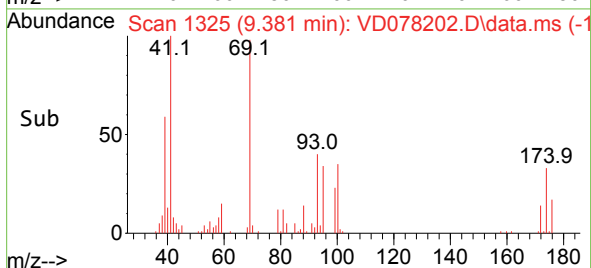
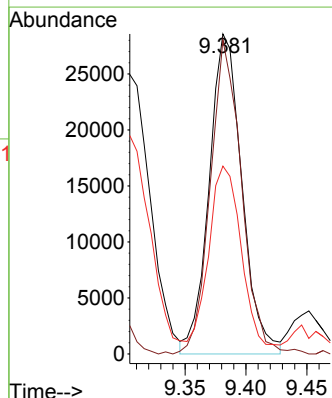
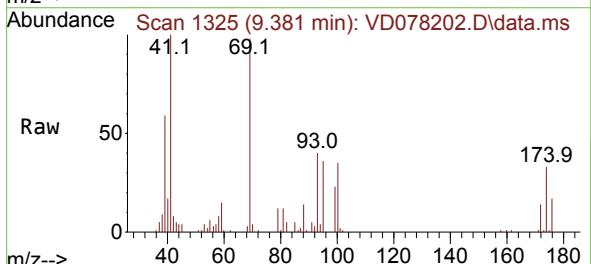
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

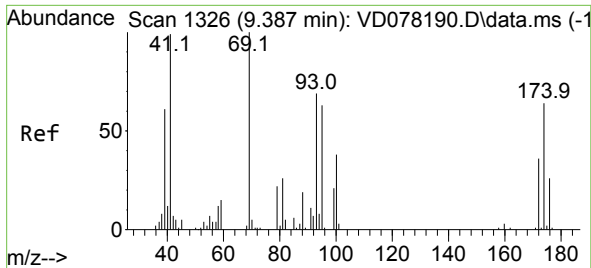
Tgt Ion: 83 Resp: 130665
Ion Ratio Lower Upper
83 100
85 66.8 50.2 75.4
127 7.0 6.3 9.5



#48
Methyl methacrylate
Concen: 50.523 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 41 Resp: 53596
Ion Ratio Lower Upper
41 100
69 93.3 102.2 153.2#
39 53.8 41.4 62.2





#49

1,4-Dioxane

Concen: 997.540 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

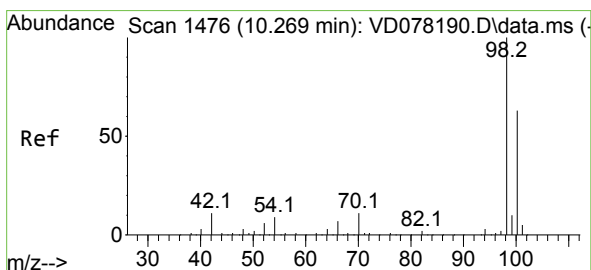
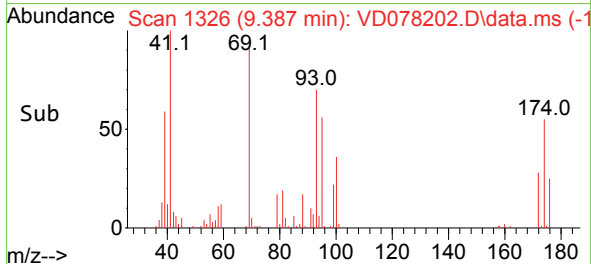
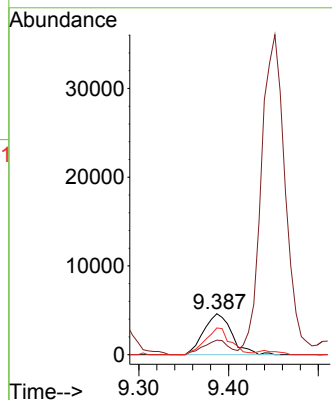
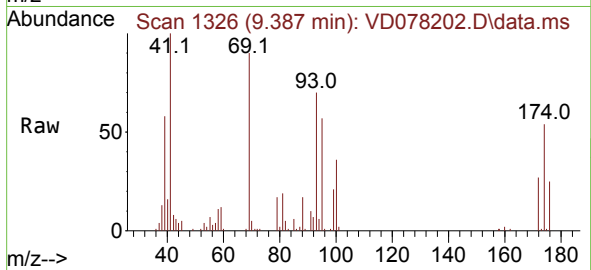
Tgt Ion: 88 Resp: 10028

Ion Ratio Lower Upper

88 100

43 32.8 19.0 28.6#

58 59.1 43.5 65.3



#50

Toluene-d8

Concen: 46.437 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078202.D

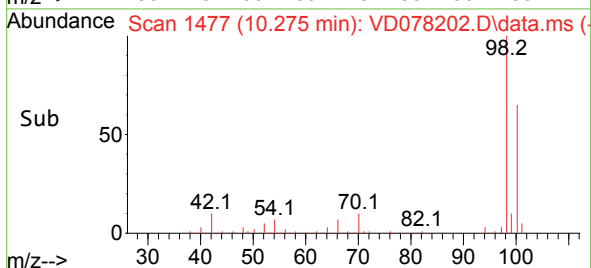
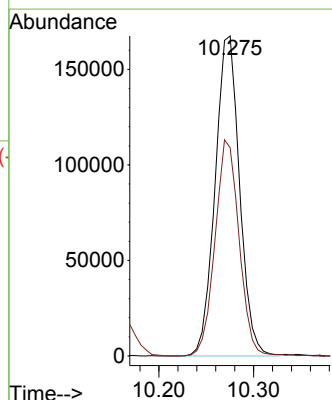
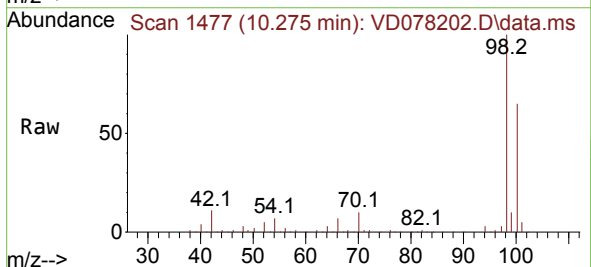
Acq: 23 Jan 2024 10:47

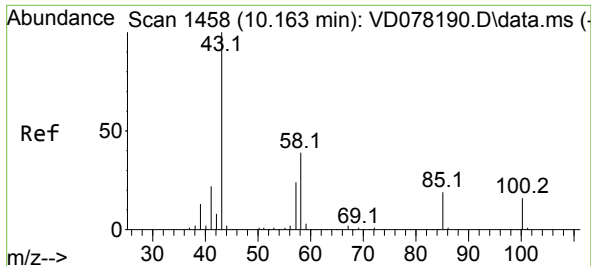
Tgt Ion: 98 Resp: 300396

Ion Ratio Lower Upper

98 100

100 66.5 50.3 75.5

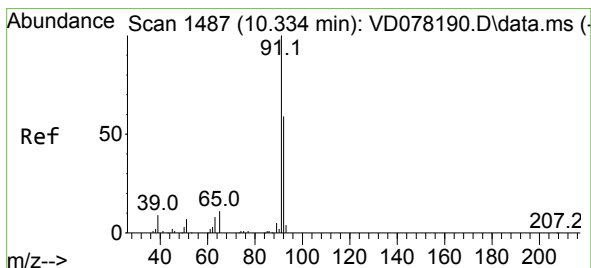
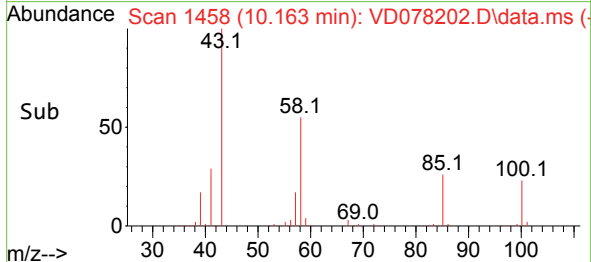
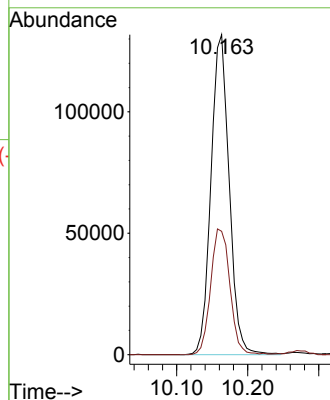
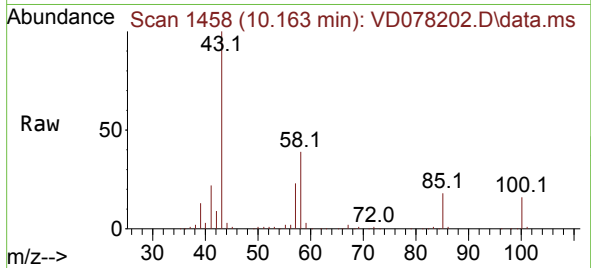




#51
4-Methyl-2-Pentanone
Concen: 243.824 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

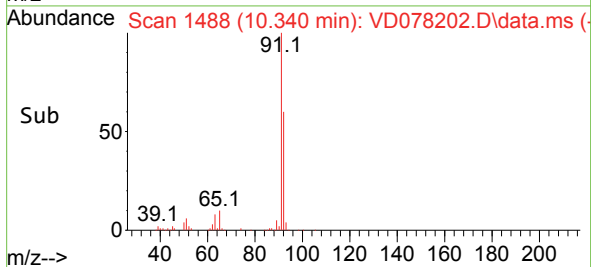
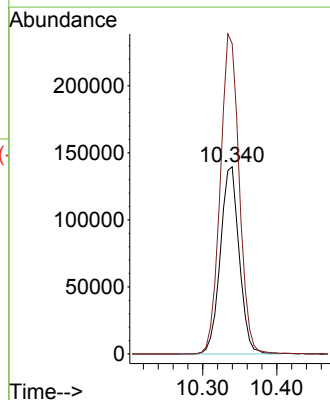
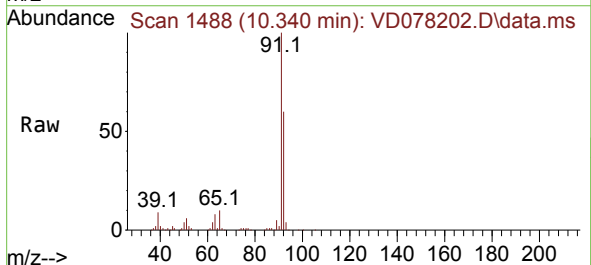
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

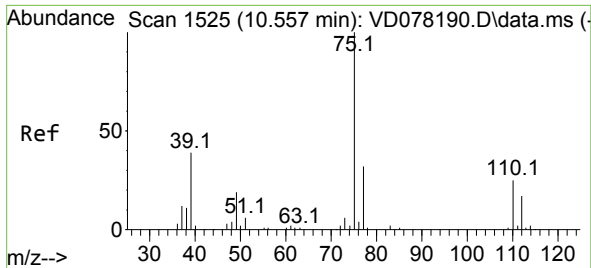
Tgt Ion: 43 Resp: 234768
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3



#52
Toluene
Concen: 51.069 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 92 Resp: 246794
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4

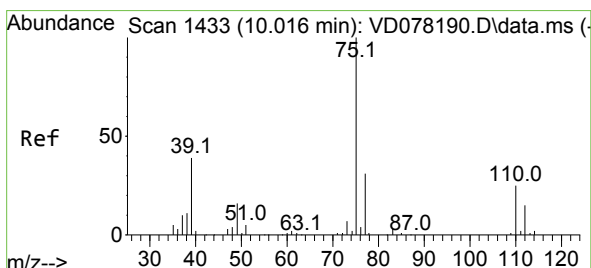
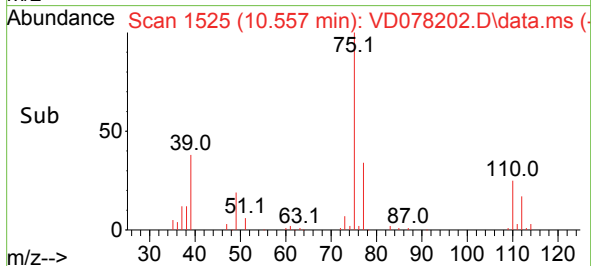
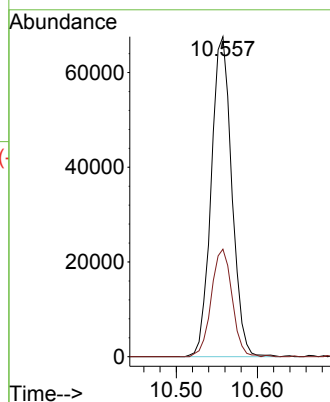
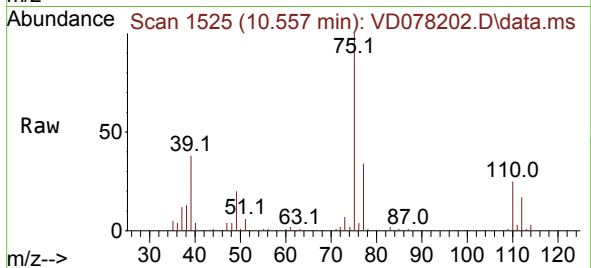




#53
t-1,3-Dichloropropene
Concen: 49.467 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

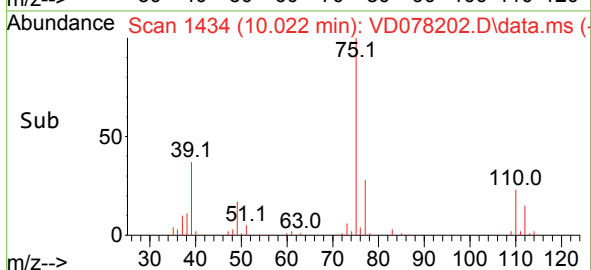
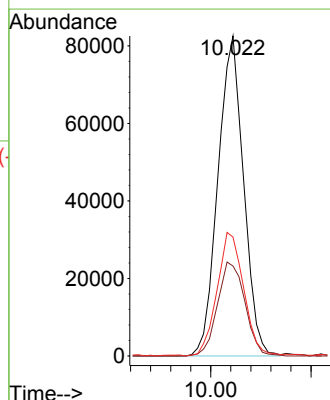
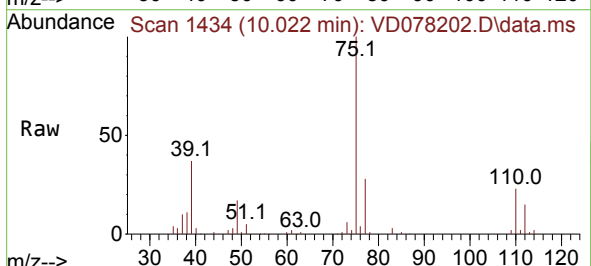
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

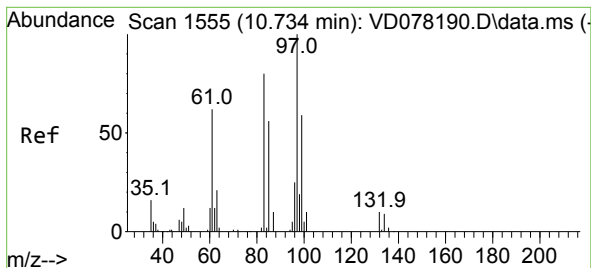
Tgt Ion: 75 Resp: 119101
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.731 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 75 Resp: 146425
Ion Ratio Lower Upper
75 100
77 28.1 25.5 38.3
39 36.8 22.1 33.1#

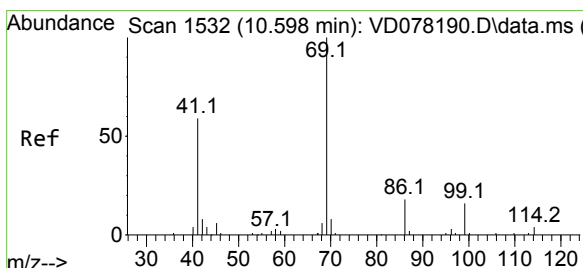
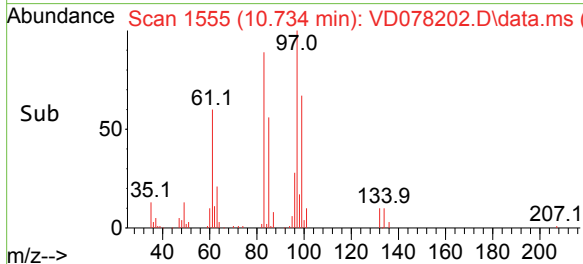
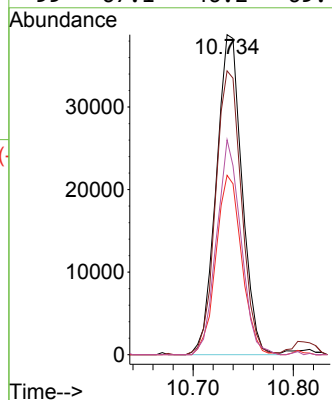
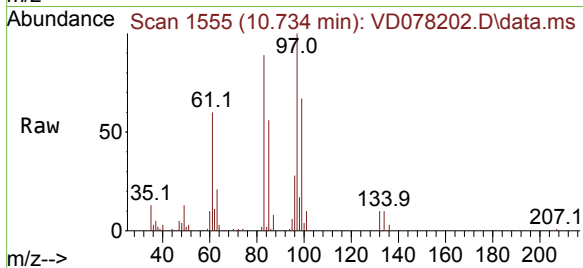




#55
1,1,2-Trichloroethane
Concen: 49.802 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

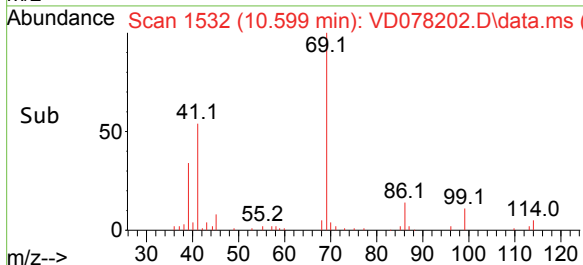
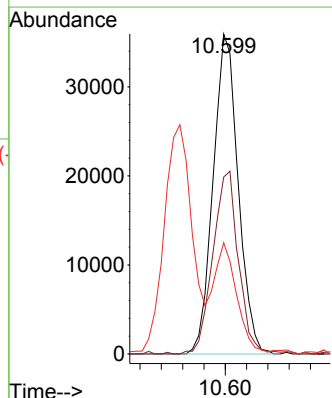
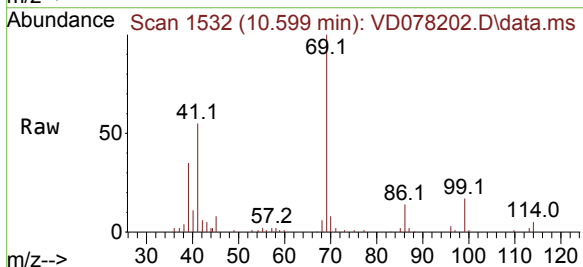
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

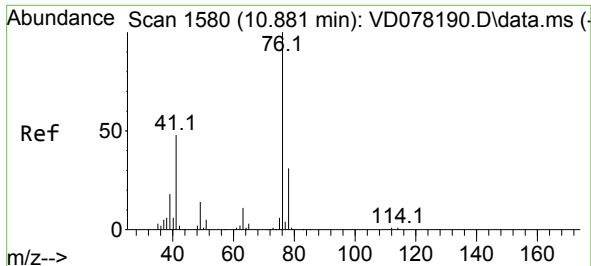
Tgt Ion: 97	Resp: 69234
Ion Ratio	Lower Upper
97 100	
83 88.7	65.8 98.6
85 56.0	45.7 68.5
99 67.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 51.451 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 69	Resp: 58551
Ion Ratio	Lower Upper
69 100	
41 58.6	39.1 58.7
39 31.2	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 49.526 ug/l

RT: 10.881 min Scan# 117745

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

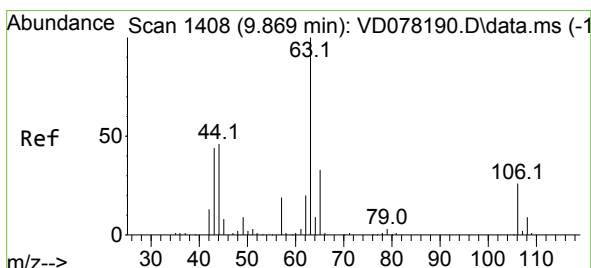
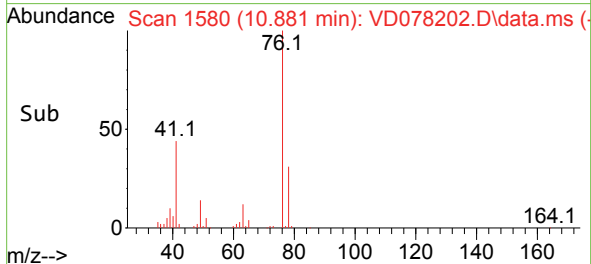
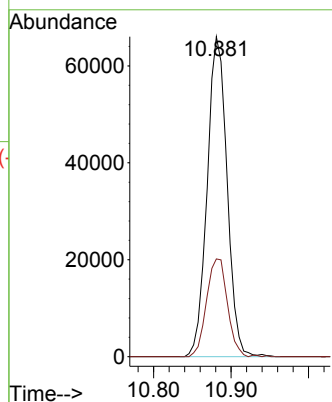
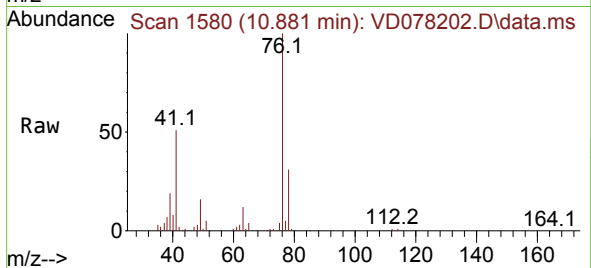
VSTDCCC050

Tgt Ion: 76 Resp: 117745

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 242.026 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078202.D

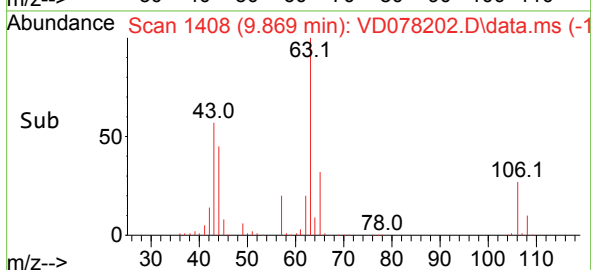
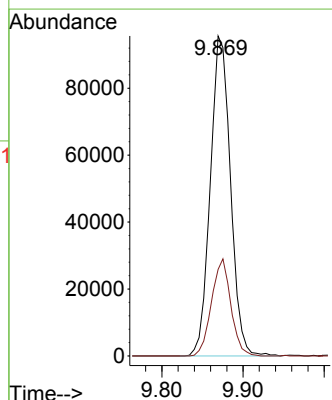
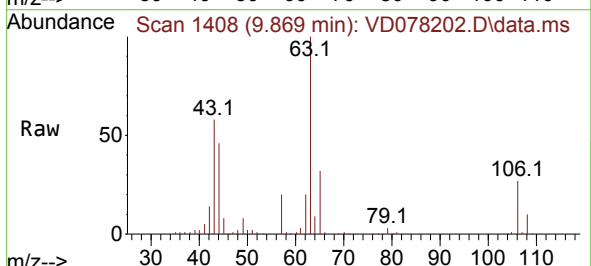
Acq: 23 Jan 2024 10:47

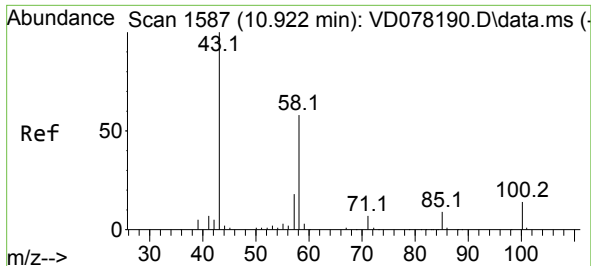
Tgt Ion: 63 Resp: 165054

Ion Ratio Lower Upper

63 100

106 29.0 25.3 37.9

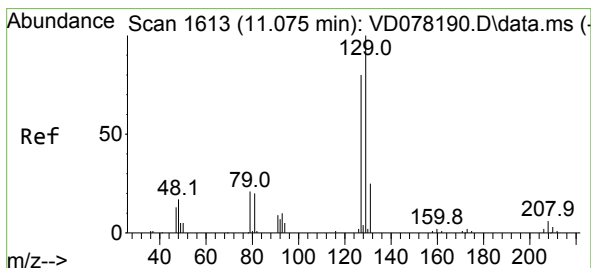
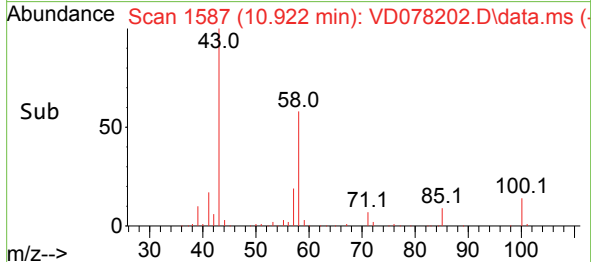
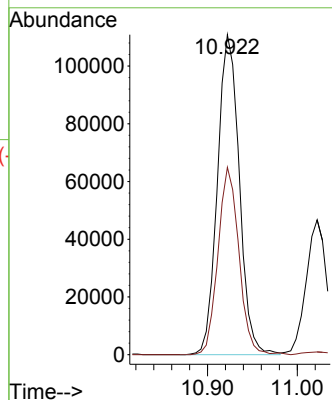
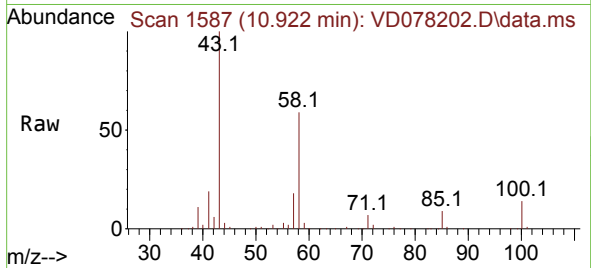




#59
2-Hexanone
Concen: 239.618 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

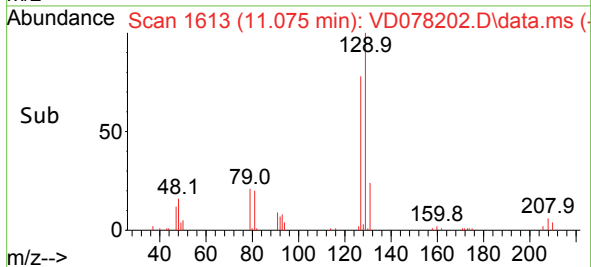
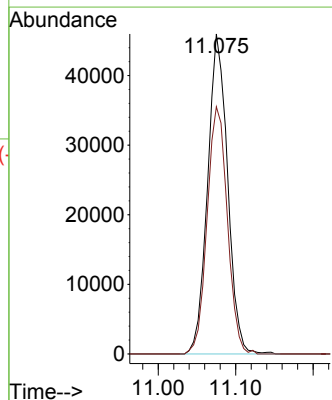
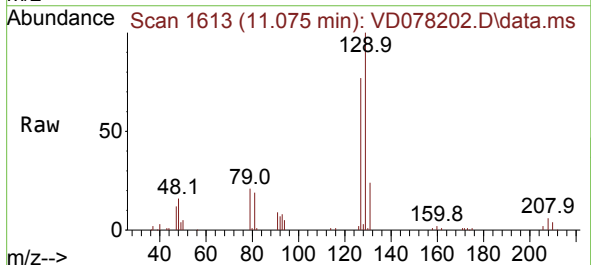
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

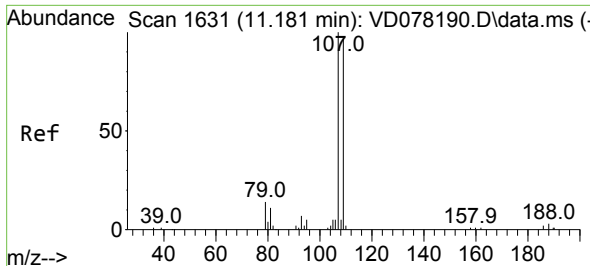
Tgt Ion: 43 Resp: 187486
Ion Ratio Lower Upper
43 100
58 56.1 34.1 102.2



#60
Dibromochloromethane
Concen: 50.147 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:129 Resp: 82191
Ion Ratio Lower Upper
129 100
127 78.3 37.1 111.5

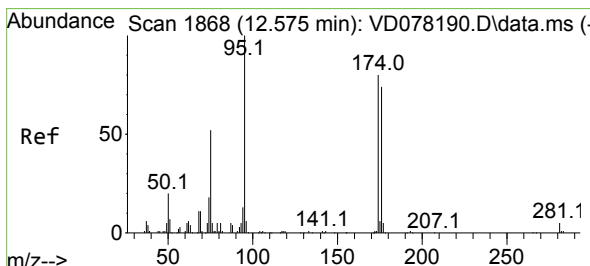
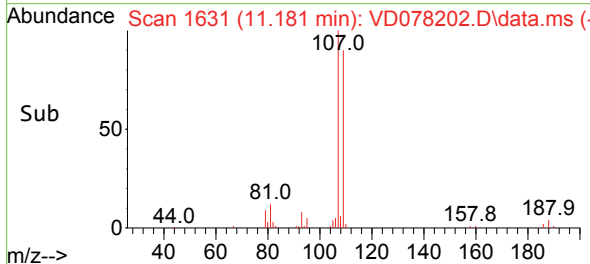
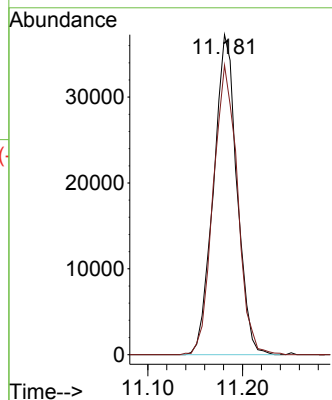
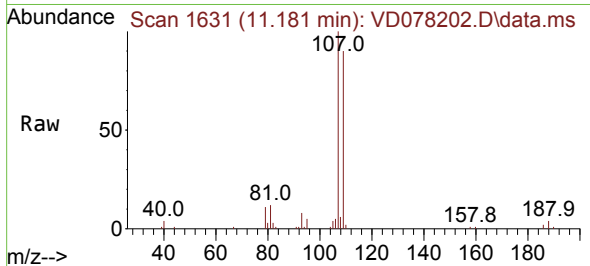




#61
1,2-Dibromoethane
Concen: 49.853 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

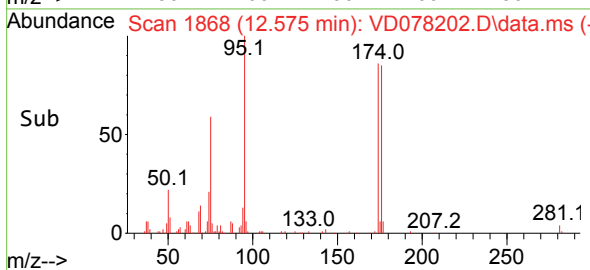
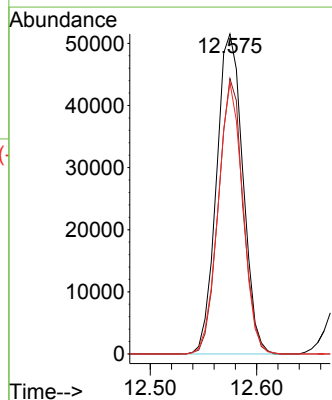
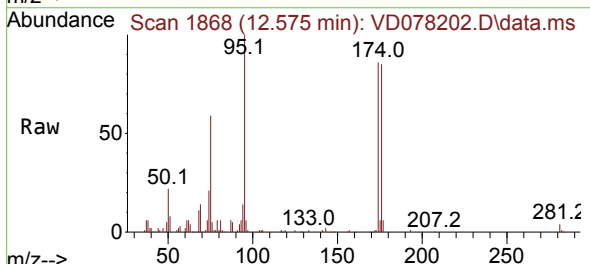
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

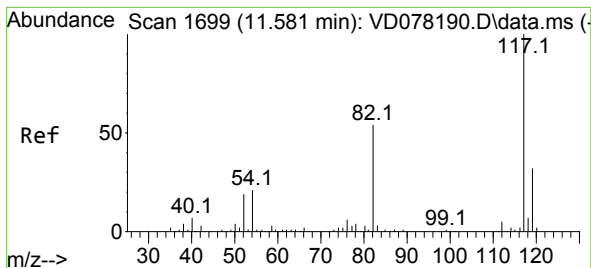
Tgt Ion:107 Resp: 63884
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.171 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 95 Resp: 88493
Ion Ratio Lower Upper
95 100
174 80.0 0.0 201.8
176 79.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

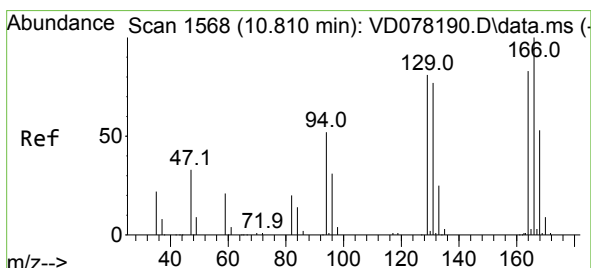
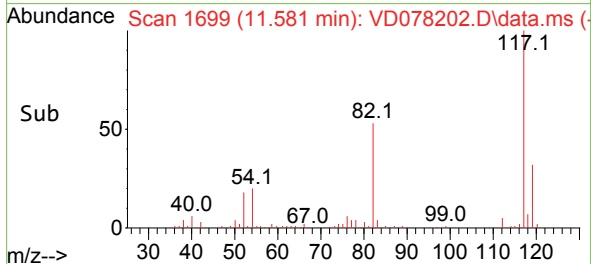
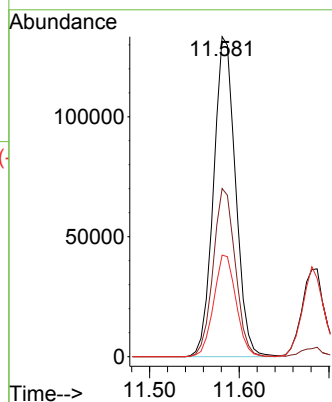
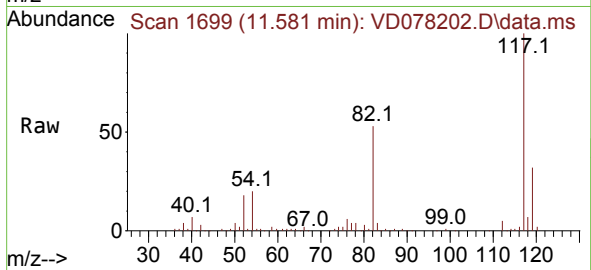
Tgt Ion:117 Resp: 226559

Ion Ratio Lower Upper

117 100

82 52.5 38.3 57.5

119 31.8 25.0 37.4



#64

Tetrachloroethene

Concen: 49.157 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Tgt Ion:164 Resp: 72820

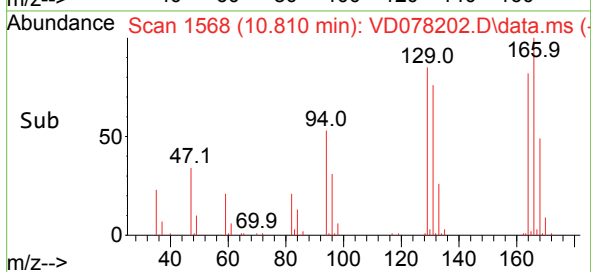
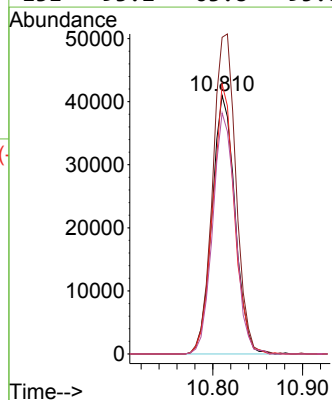
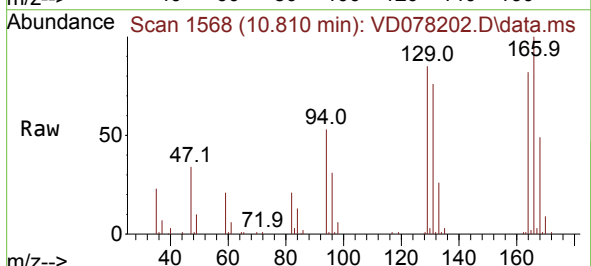
Ion Ratio Lower Upper

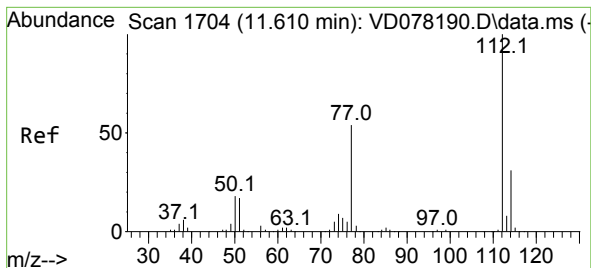
164 100

166 122.5 99.2 148.8

129 104.5 68.4 102.6#

131 93.2 63.8 95.8

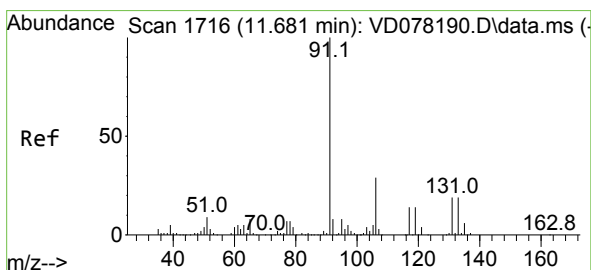
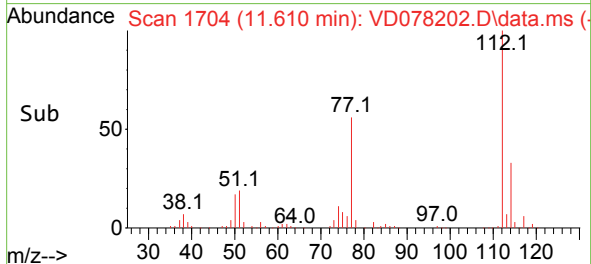
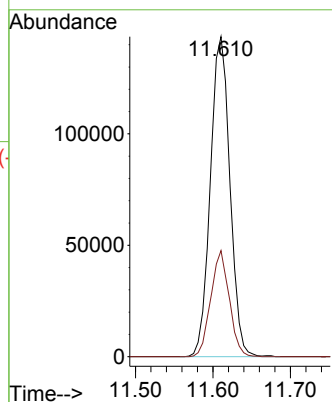
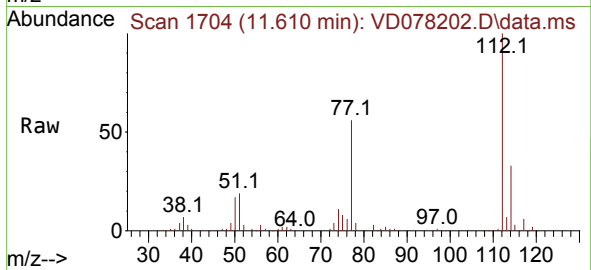




#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

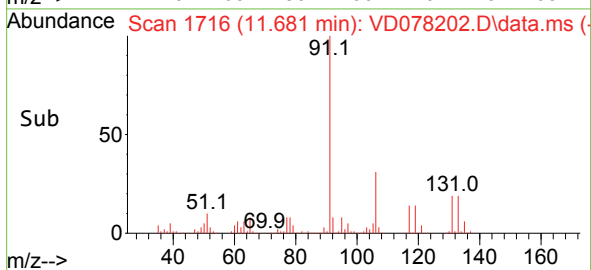
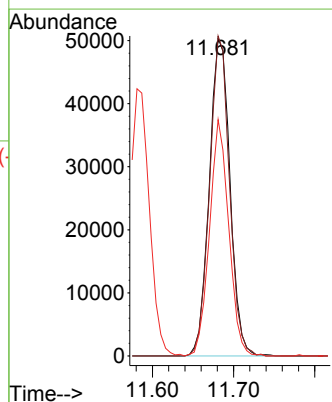
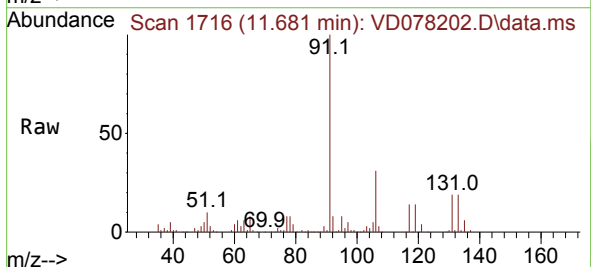
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

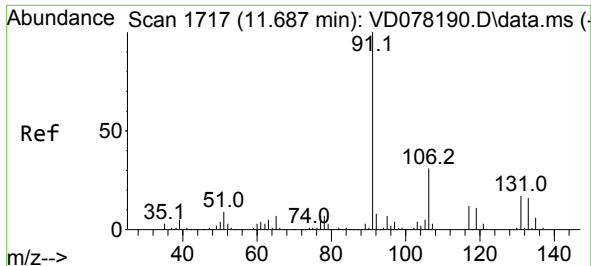
Tgt Ion:112 Resp: 251859
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.810 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:131 Resp: 89086
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 69.1 35.6 106.9

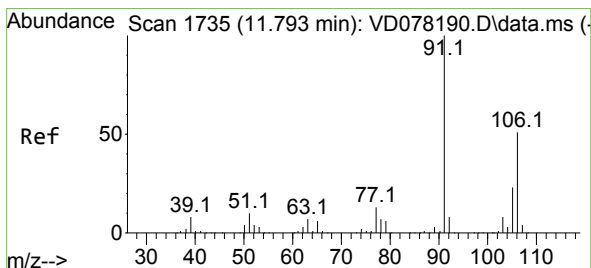
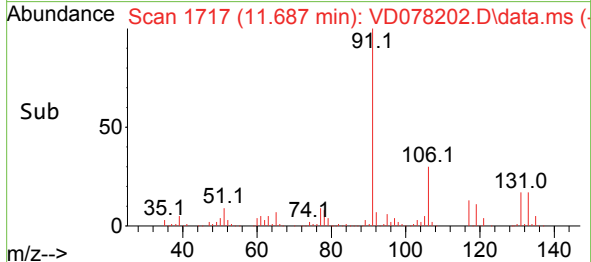
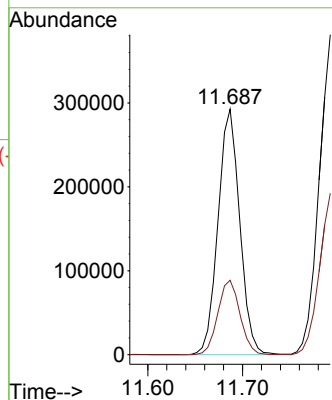
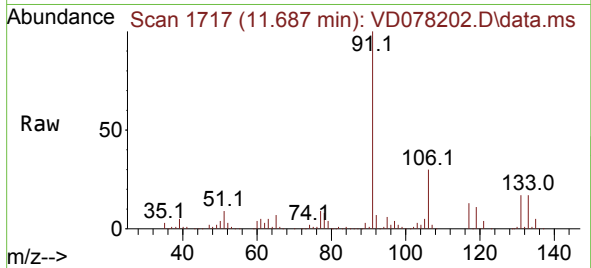




#67
Ethyl Benzene
Concen: 51.225 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

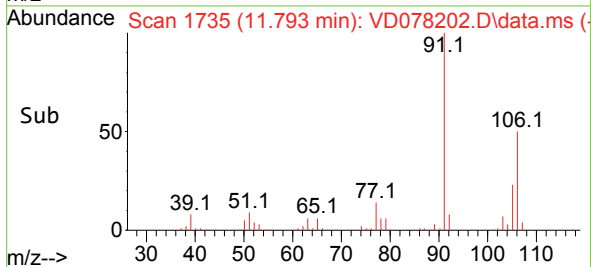
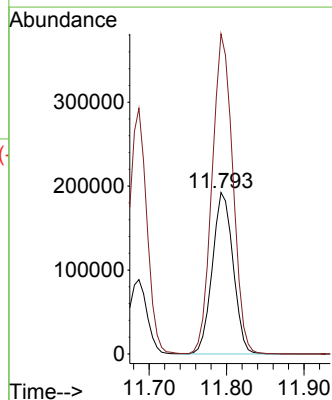
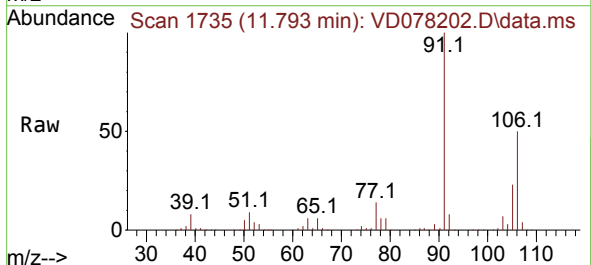
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

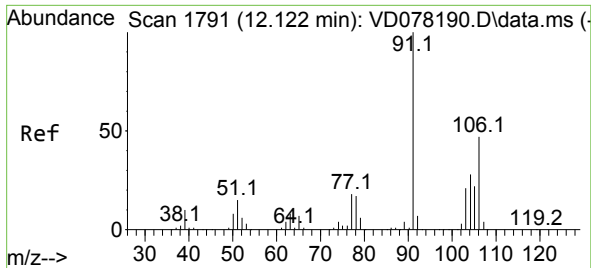
Tgt Ion: 91 Resp: 466541
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7



#68
m/p-Xylenes
Concen: 103.028 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 106 Resp: 358377
Ion Ratio Lower Upper
106 100
91 198.3 147.0 220.6

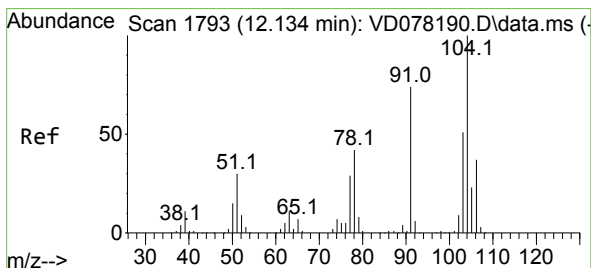
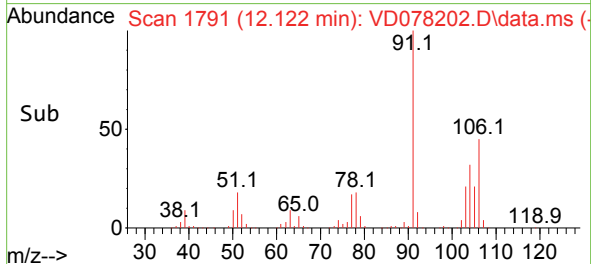
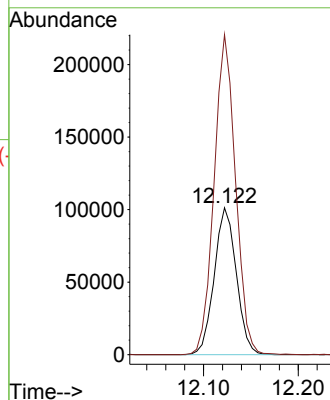
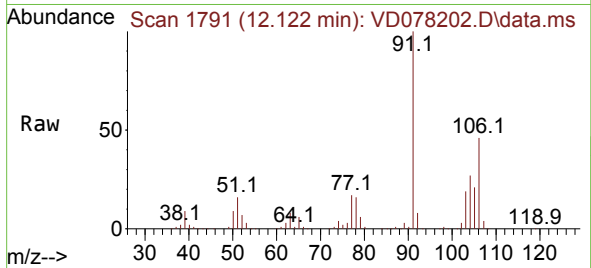




#69
o-Xylene
Concen: 52.058 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

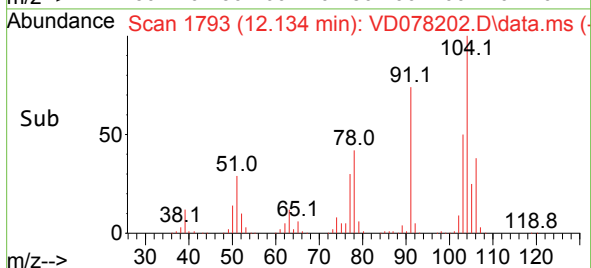
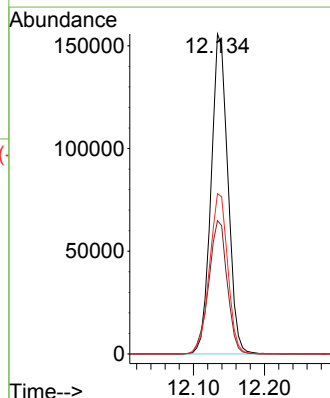
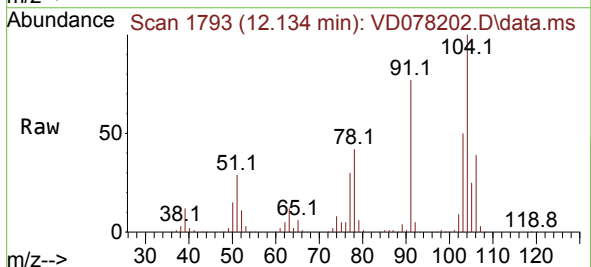
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

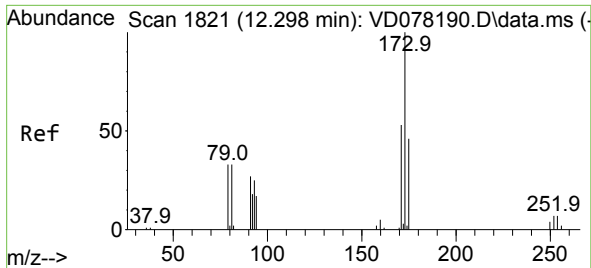
Tgt Ion:106 Resp: 164336
Ion Ratio Lower Upper
106 100
91 211.4 97.9 293.6



#70
Styrene
Concen: 54.123 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:104 Resp: 256023
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 54.3 43.6 65.4

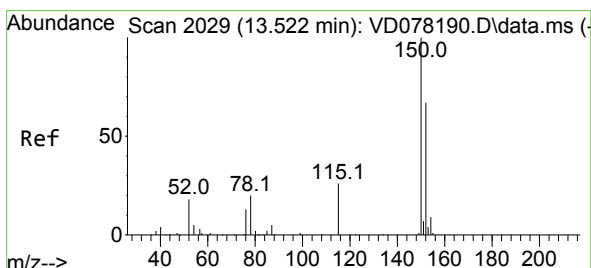
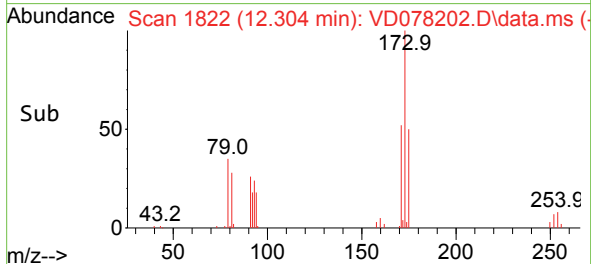
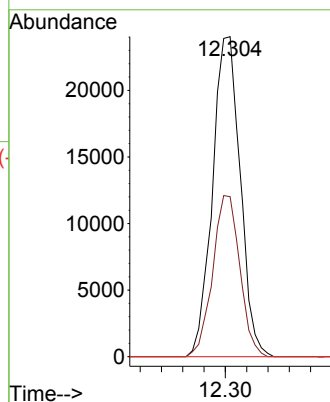
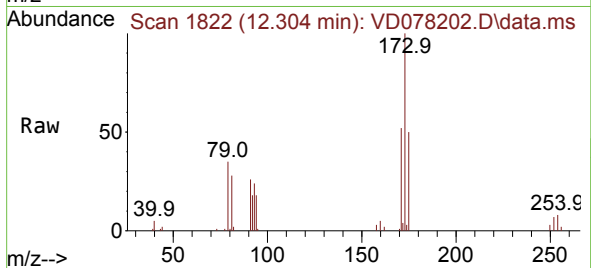




#71
Bromoform
Concen: 48.959 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

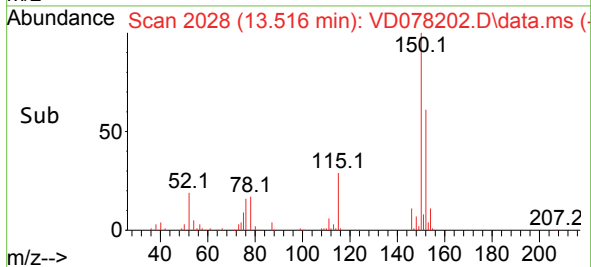
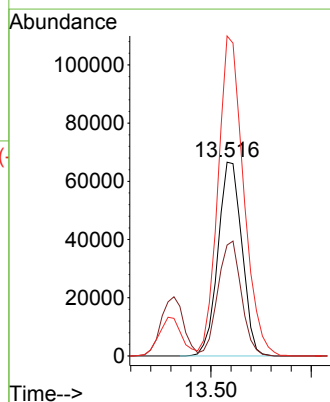
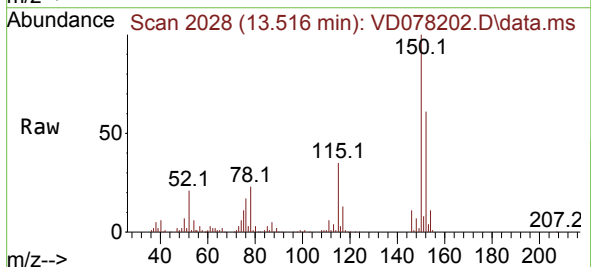
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

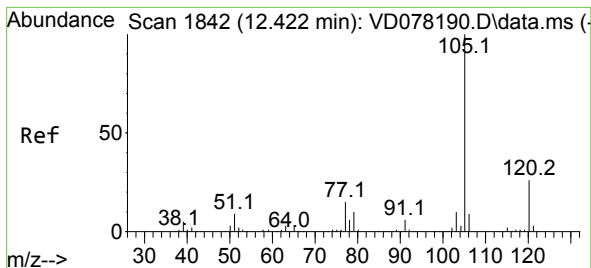
Tgt Ion:173 Resp: 43364
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:152 Resp: 110187
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 176.5 0.0 353.6





#73

Isopropylbenzene

Concen: 50.505 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

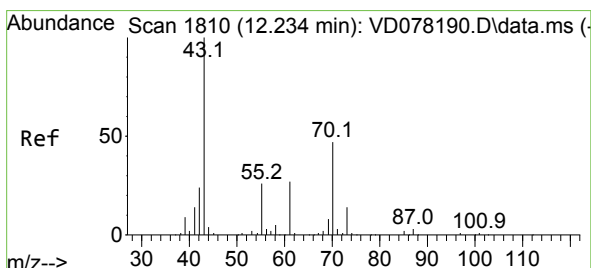
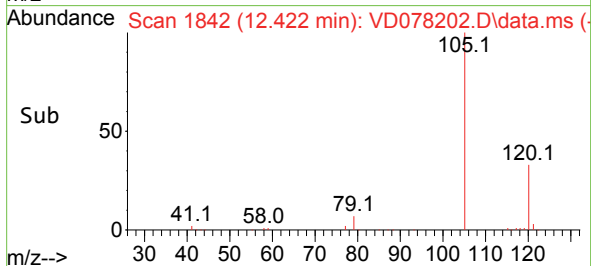
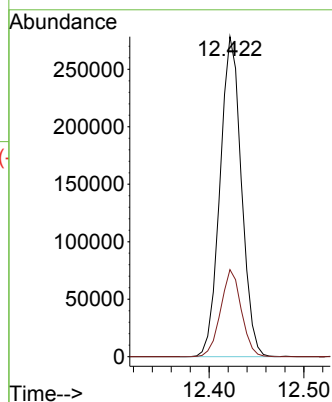
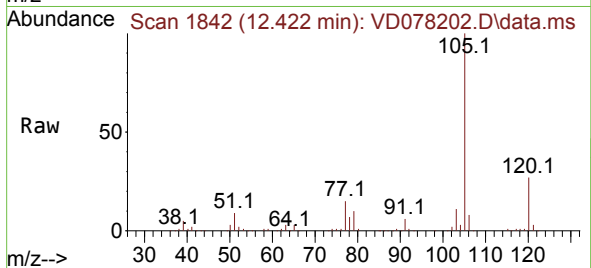
VSTDCCC050

Tgt Ion:105 Resp: 437561

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 48.066 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Tgt Ion: 43 Resp: 79673

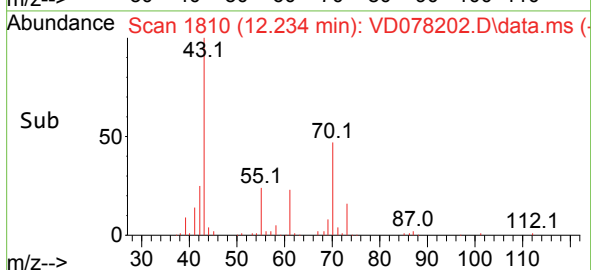
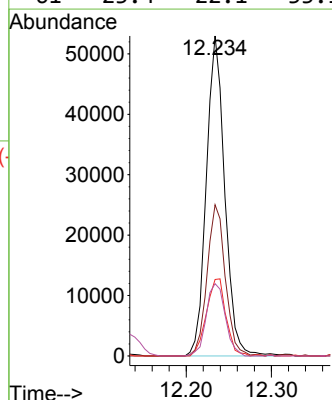
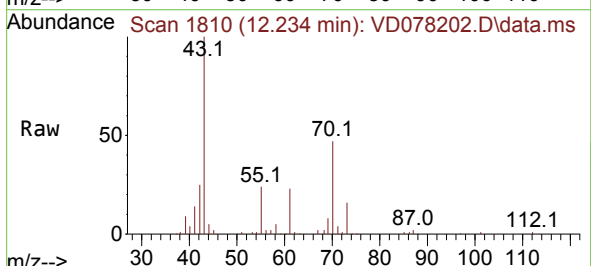
Ion Ratio Lower Upper

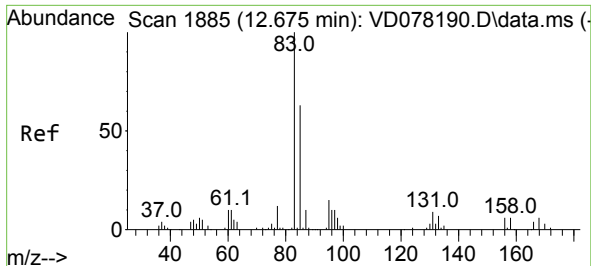
43 100

70 46.8 45.0 67.4

55 25.5 23.8 35.6

61 23.4 22.1 33.1

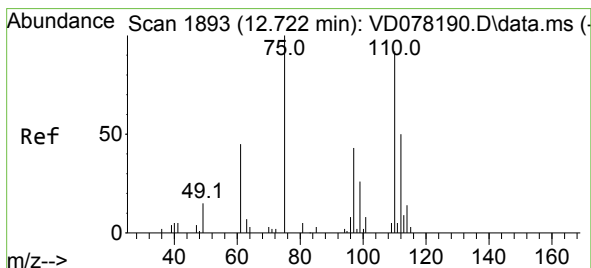
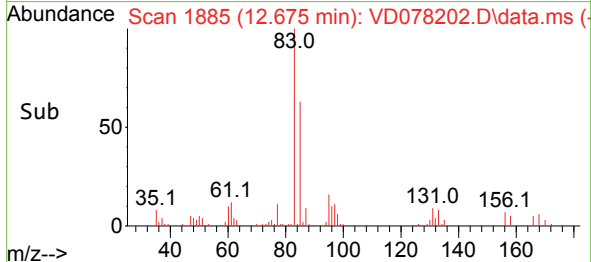
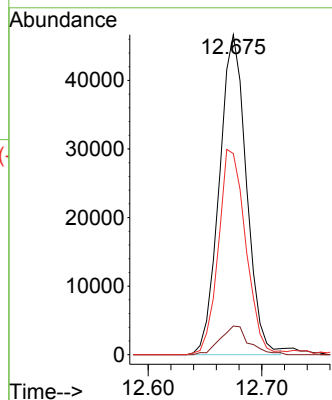
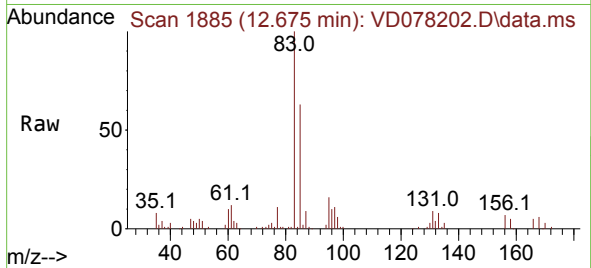




#75
1,1,2,2-Tetrachloroethane
Concen: 47.985 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

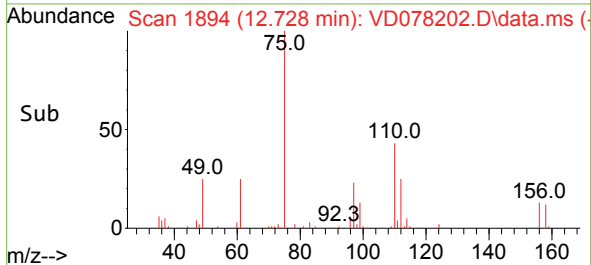
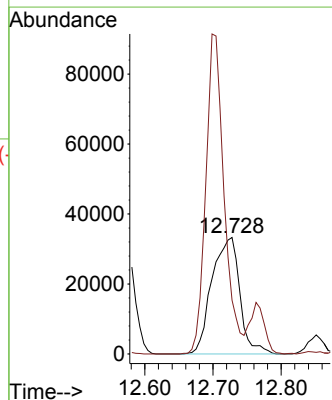
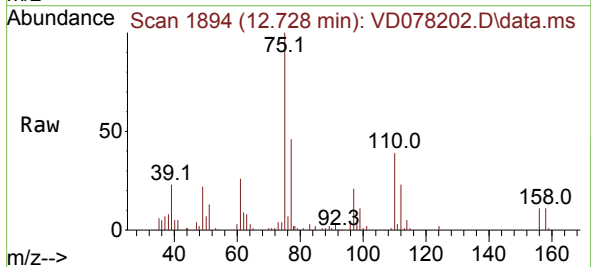
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

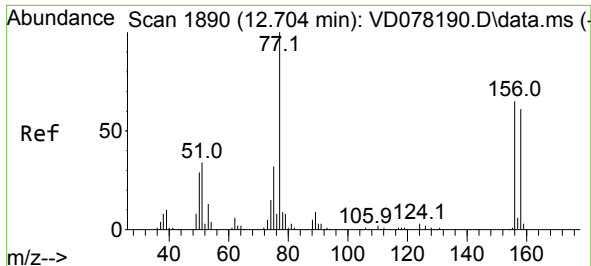
Tgt Ion: 83 Resp: 77357
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 65.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 89.744 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 75 Resp: 94845
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

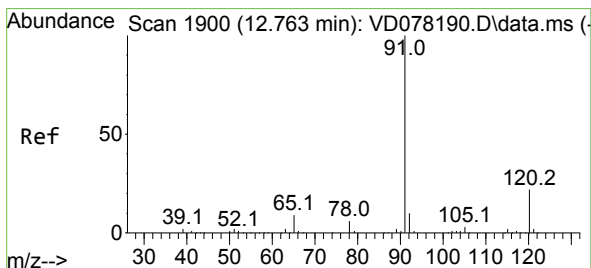
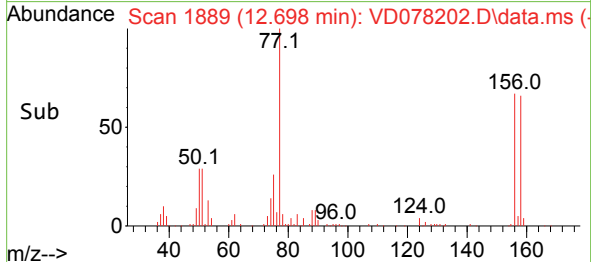
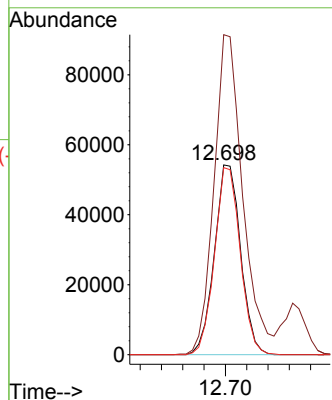
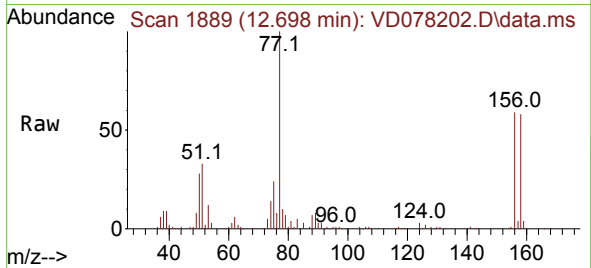




#77
Bromobenzene
Concen: 48.790 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

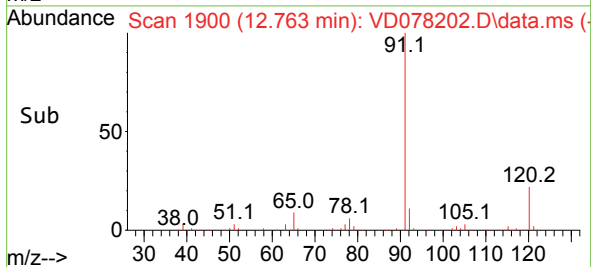
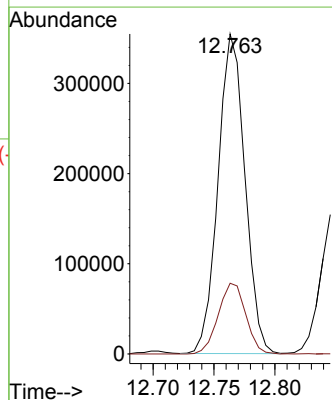
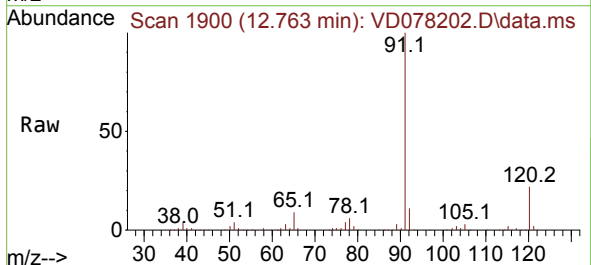
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

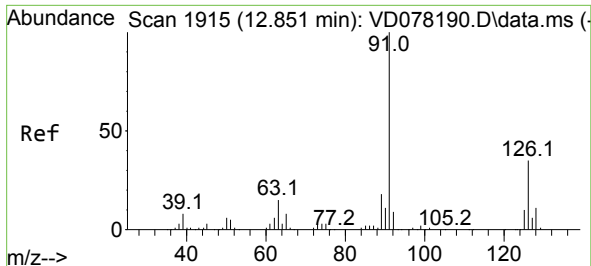
Tgt Ion:156 Resp: 92676
Ion Ratio Lower Upper
156 100
77 185.3 76.8 230.4
158 96.4 48.6 145.9



#78
n-propylbenzene
Concen: 50.628 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 91 Resp: 544022
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2

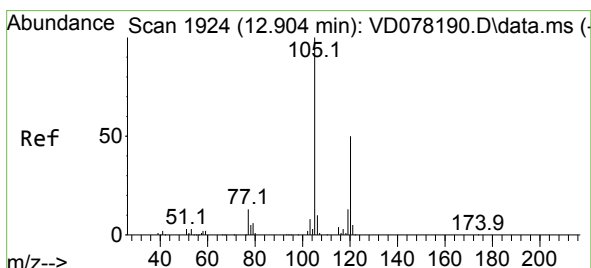
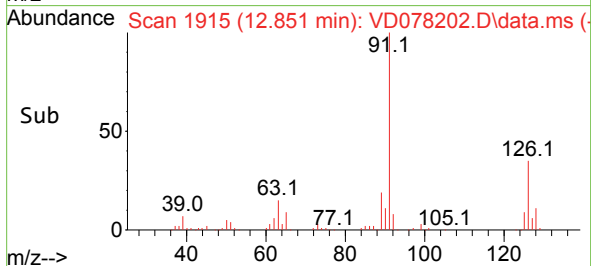
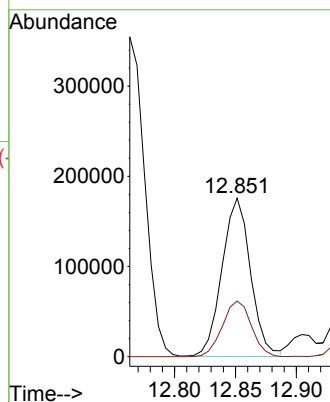
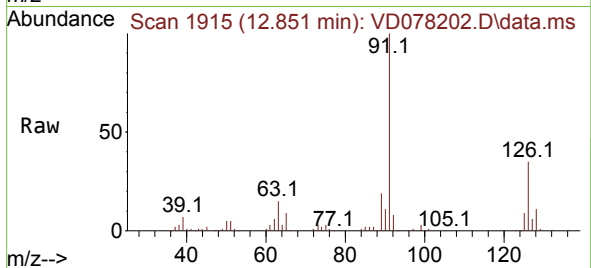




#79
2-Chlorotoluene
Concen: 49.957 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

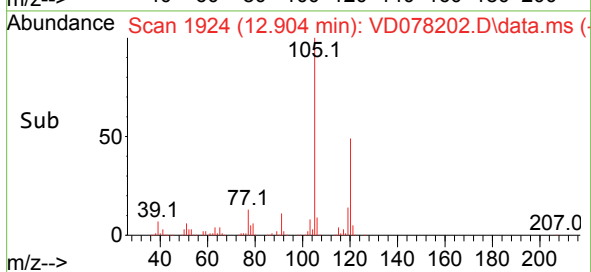
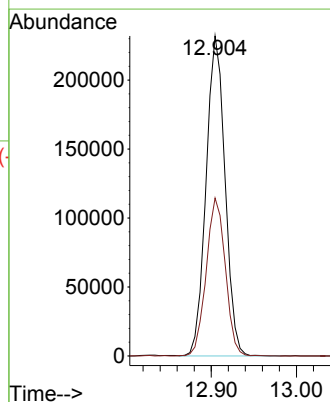
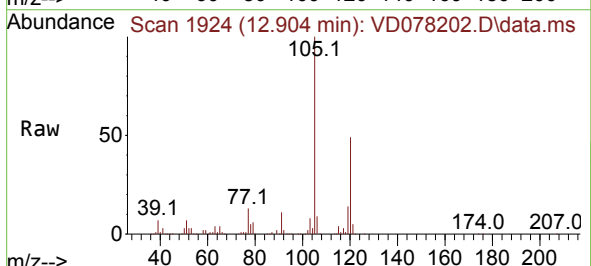
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

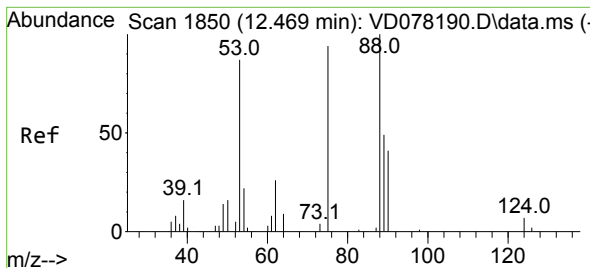
Tgt Ion: 91 Resp: 286468
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.898 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 105 Resp: 358454
Ion Ratio Lower Upper
105 100
120 49.8 26.4 79.2

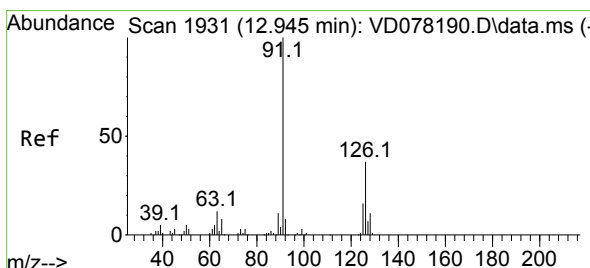
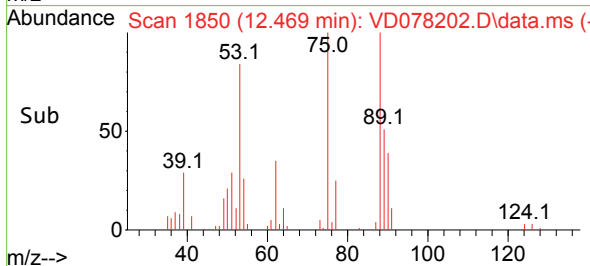
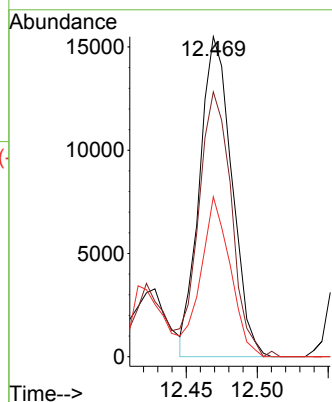
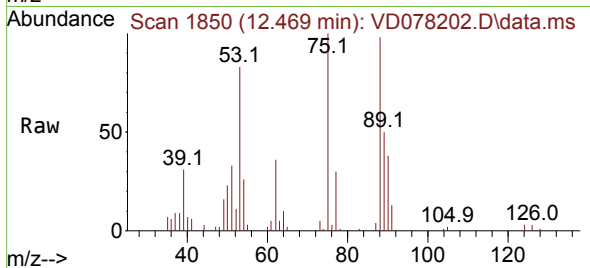




#81
trans-1,4-Dichloro-2-butene
Concen: 49.865 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

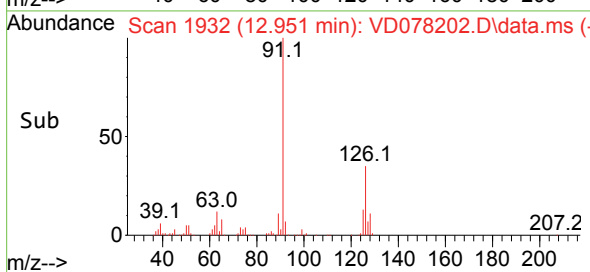
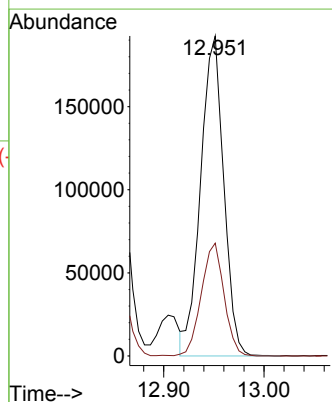
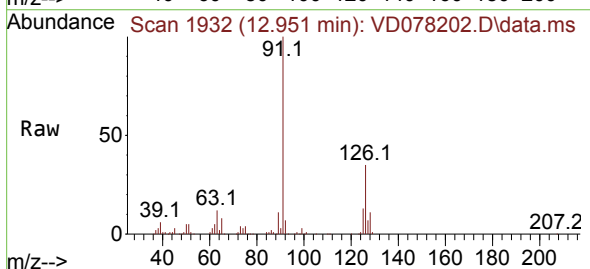
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

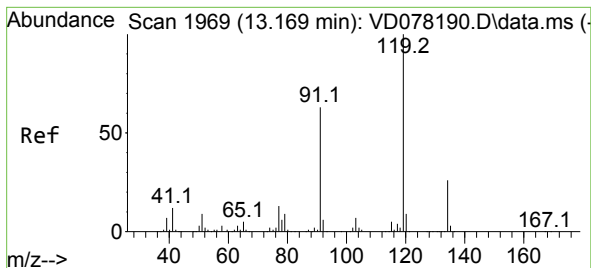
Tgt Ion:	75	Resp:	24465
Ion	Ratio	Lower	Upper
75	100		
53	85.0	63.0	94.4
89	45.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 51.035 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:	91	Resp:	308485
Ion	Ratio	Lower	Upper
91	100		
126	34.8	19.4	58.4





#83

tert-Butylbenzene

Concen: 51.226 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

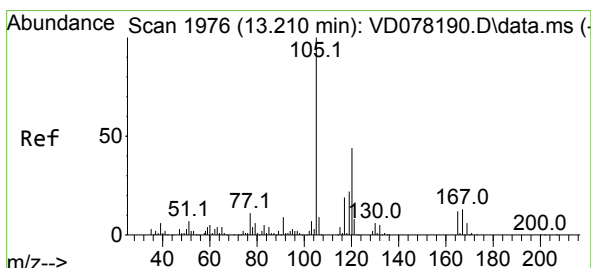
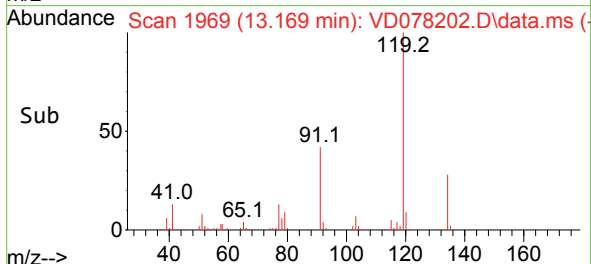
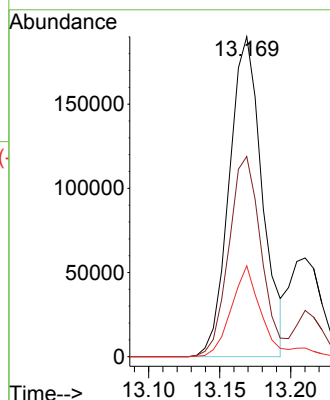
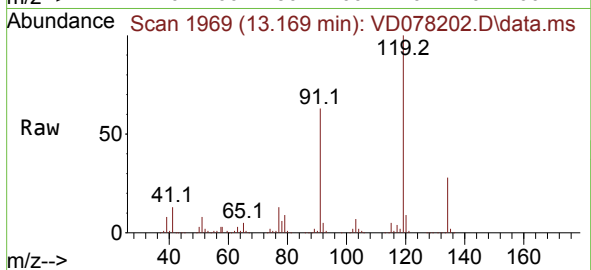
Tgt Ion:119 Resp: 307624

Ion Ratio Lower Upper

119 100

91 62.2 29.3 87.8

134 25.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.494 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078202.D

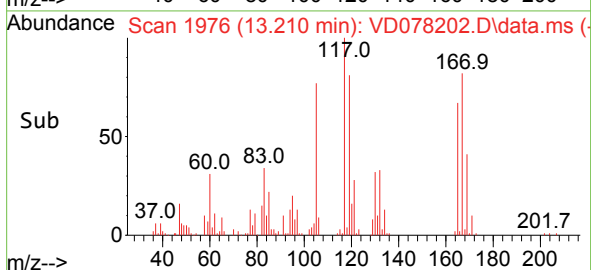
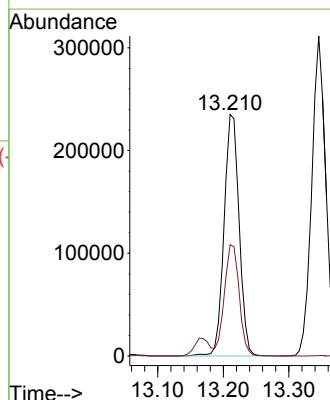
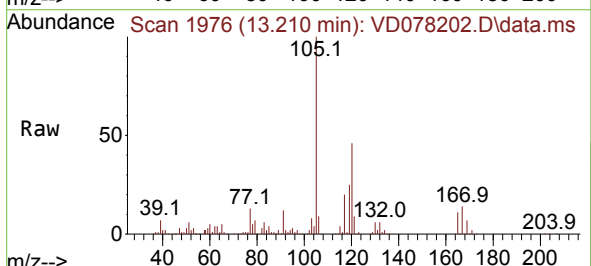
Acq: 23 Jan 2024 10:47

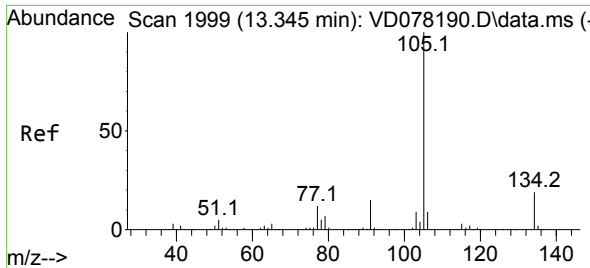
Tgt Ion:105 Resp: 374121

Ion Ratio Lower Upper

105 100

120 45.2 24.3 72.9

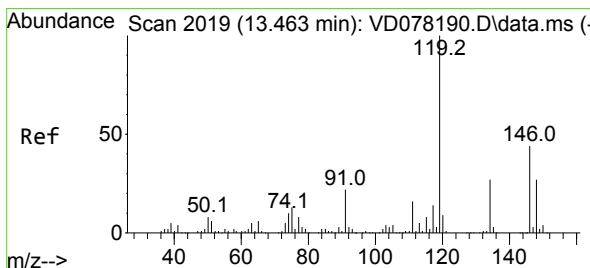
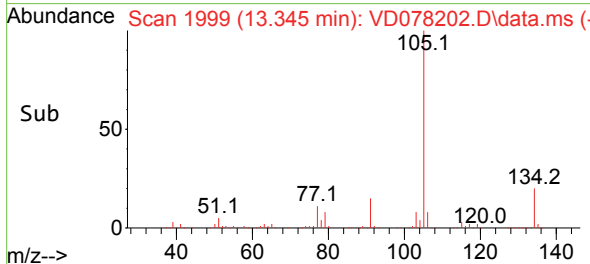
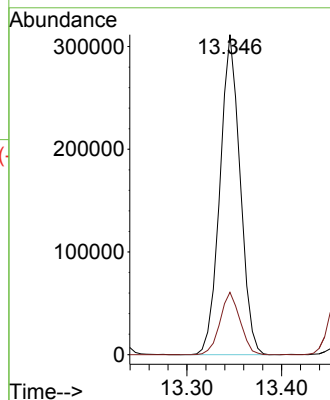
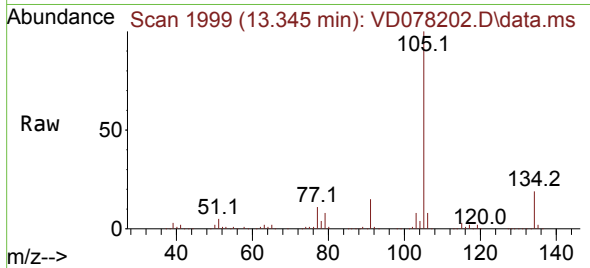




#85
 sec-Butylbenzene
 Concen: 50.777 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

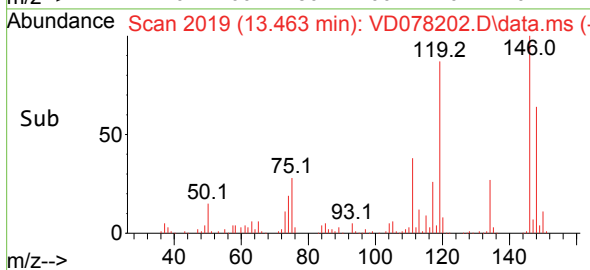
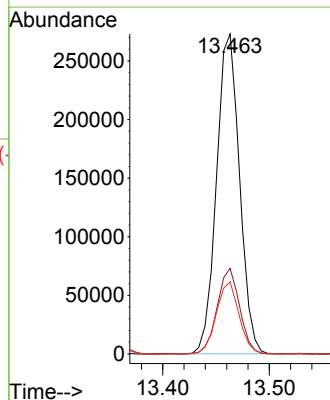
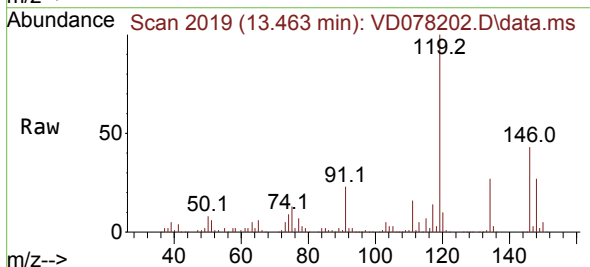
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

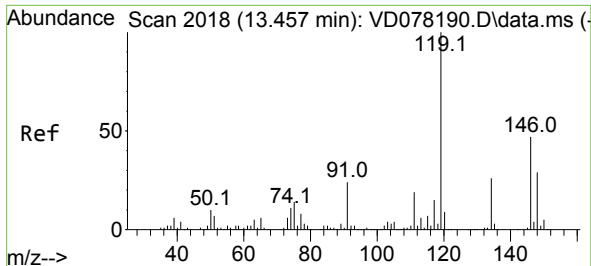
Tgt Ion:105 Resp: 461718
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 51.681 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

Tgt Ion:119 Resp: 408950
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.4 10.5 31.5

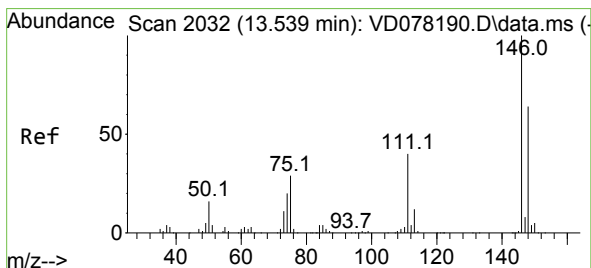
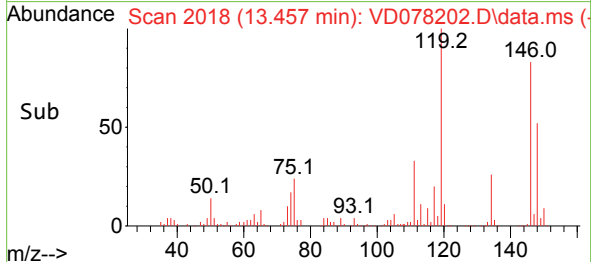
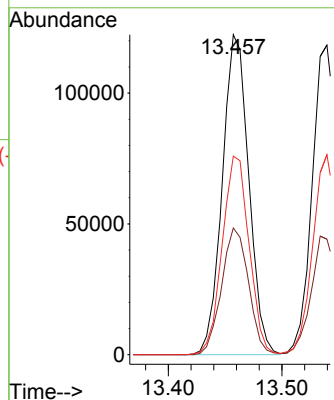
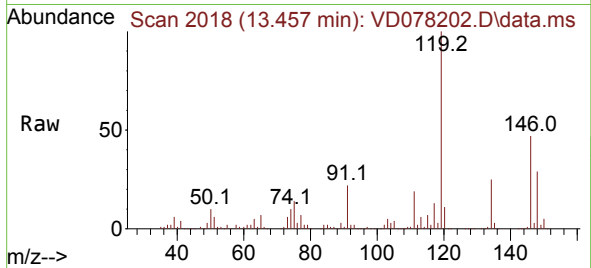




#87
1,3-Dichlorobenzene
Concen: 50.335 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

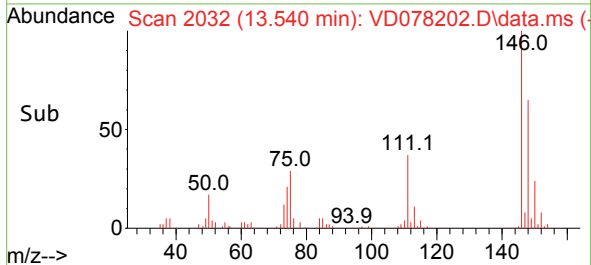
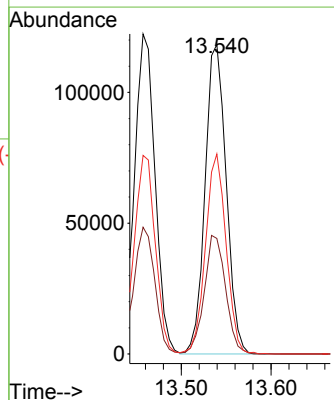
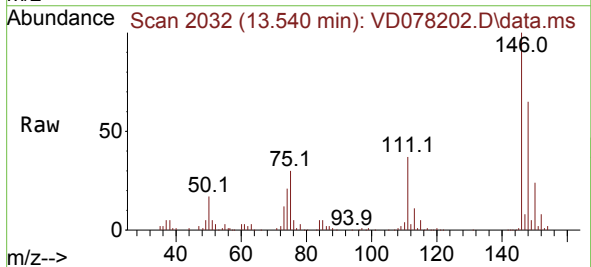
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

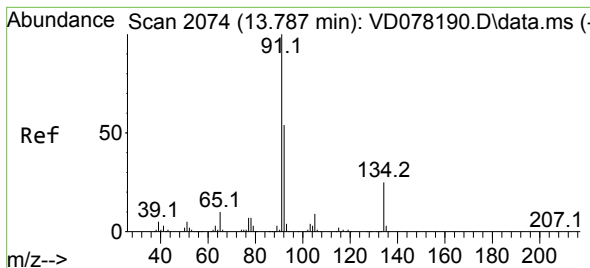
Tgt Ion:146 Resp: 197960
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.714 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:146 Resp: 193160
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 51.025 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

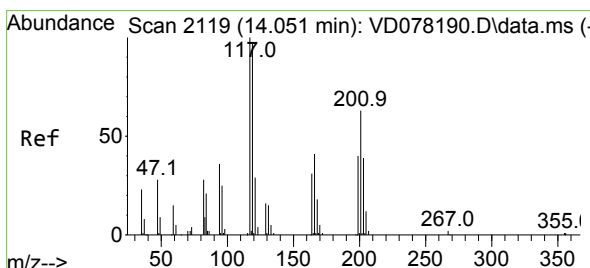
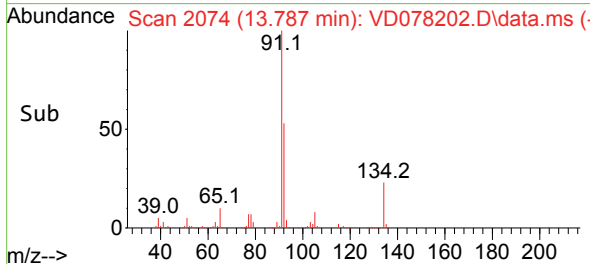
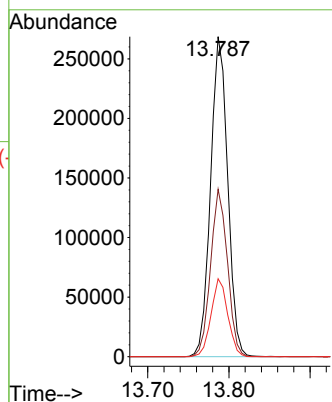
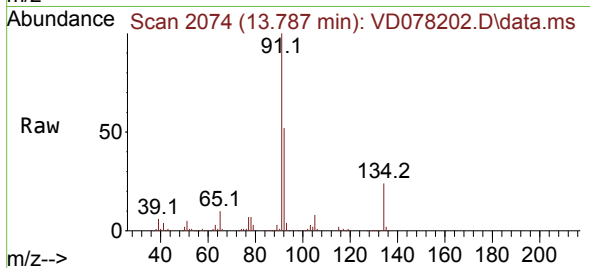
Tgt Ion: 91 Resp: 393056

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 23.8 13.8 41.3



#90

Hexachloroethane

Concen: 48.889 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078202.D

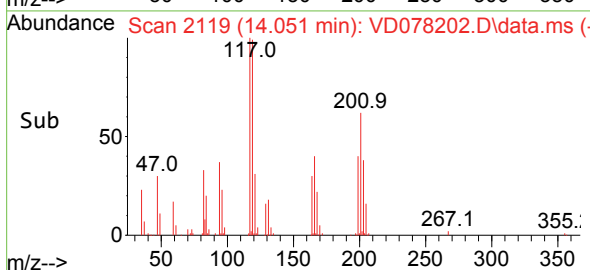
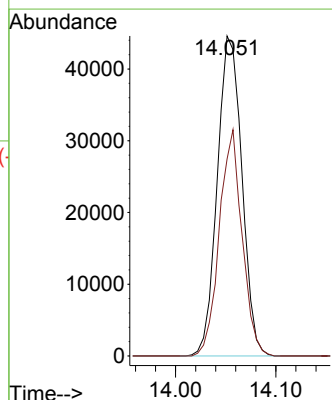
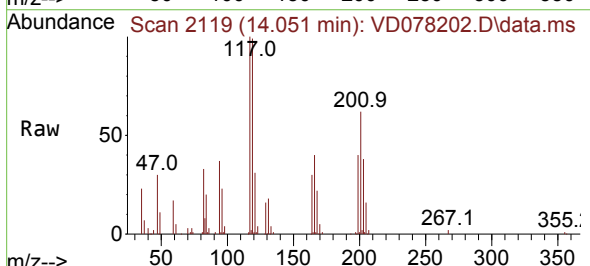
Acq: 23 Jan 2024 10:47

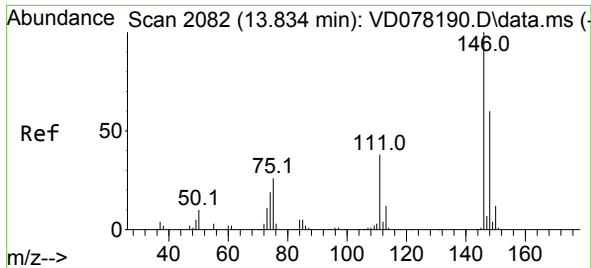
Tgt Ion: 117 Resp: 75887

Ion Ratio Lower Upper

117 100

201 65.4 38.5 115.5

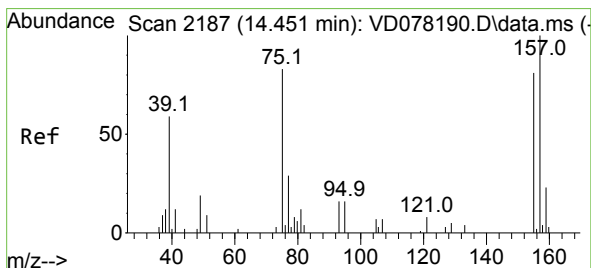
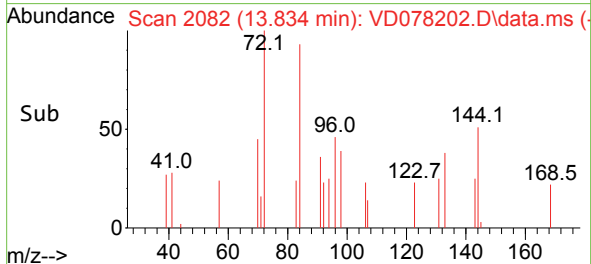
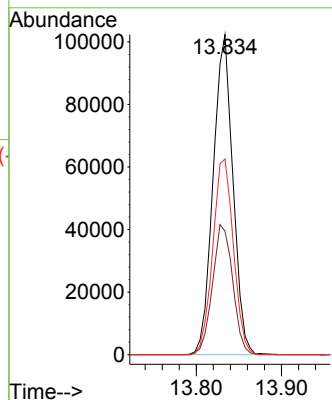
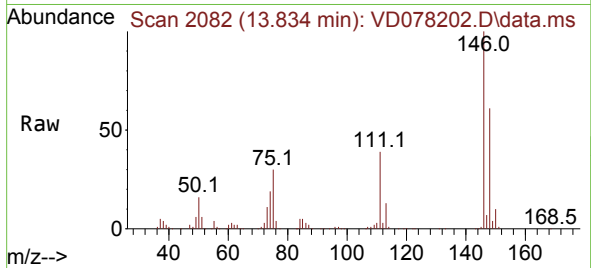




#91
1,2-Dichlorobenzene
Concen: 49.940 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

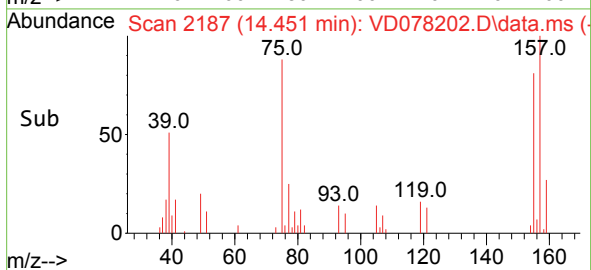
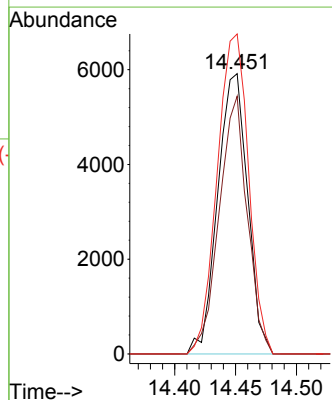
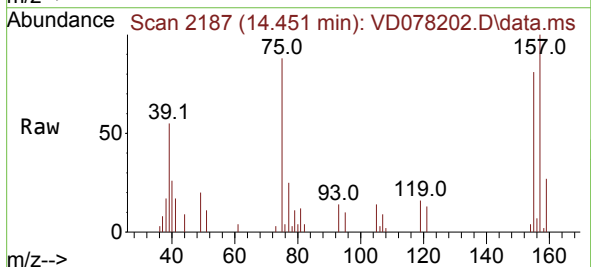
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

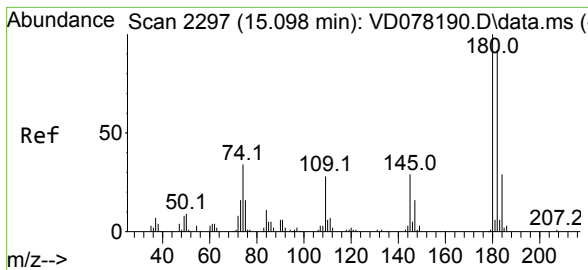
Tgt Ion:146 Resp: 165154
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.971 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 75 Resp: 10130
Ion Ratio Lower Upper
75 100
155 86.2 47.9 143.8
157 119.4 59.9 179.7

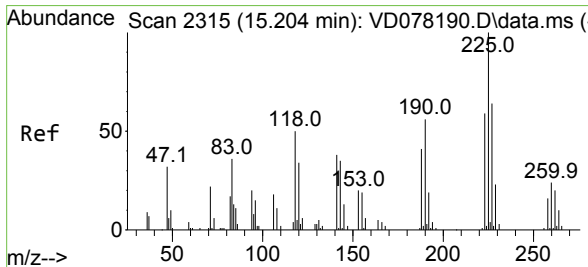
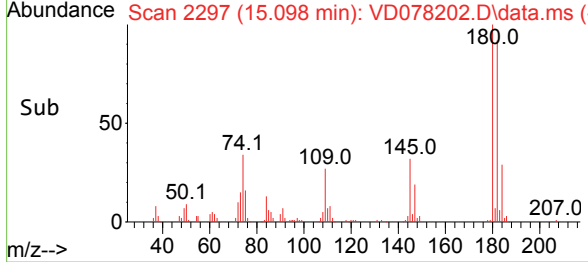
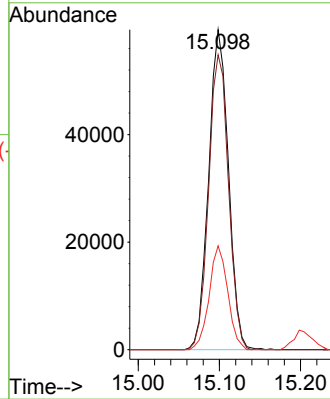
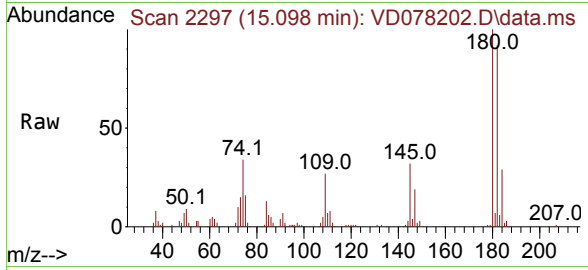




#93
 1,2,4-Trichlorobenzene
 Concen: 49.262 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

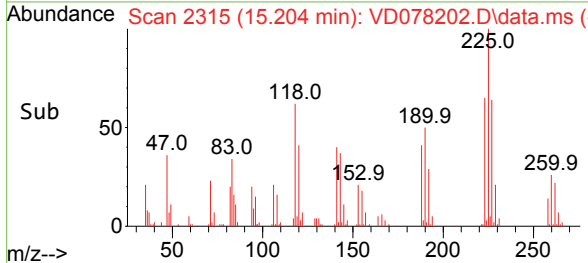
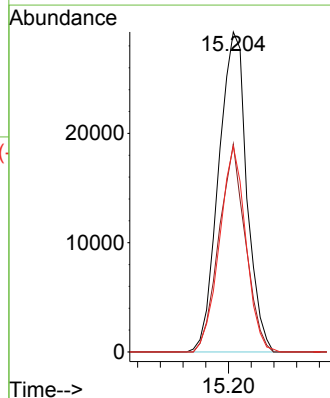
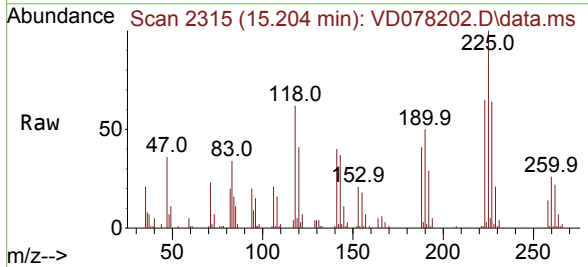
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

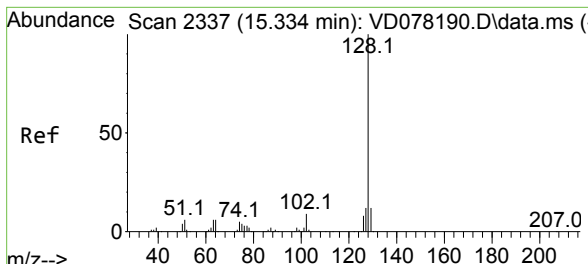
Tgt Ion:180 Resp: 100704
 Ion Ratio Lower Upper
 180 100
 182 92.6 48.5 145.6
 145 30.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 50.990 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

Tgt Ion:225 Resp: 50370
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.6 94.8
 227 60.3 31.7 95.1

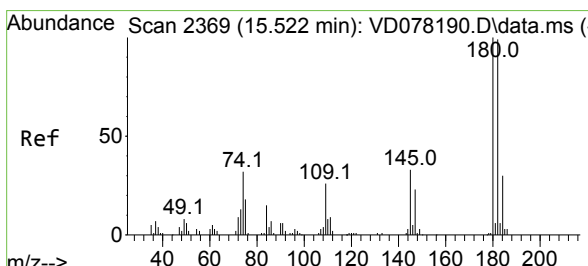
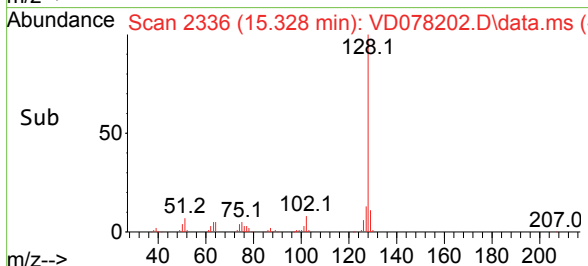
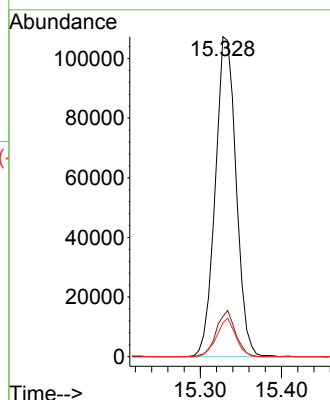
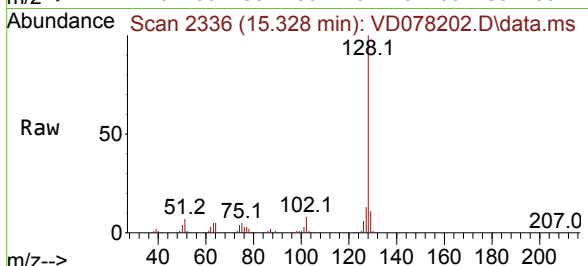




#95
Naphthalene
Concen: 50.108 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp: 191515
Ion Ratio	Lower Upper
128	100
127	12.6 10.5 15.7
129	10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.556 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:180	Resp: 84994
Ion Ratio	Lower Upper
180	100
182	96.0 47.3 141.9
145	32.3 15.1 45.3

