

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078199.D
 Acq On : 22 Jan 2024 19:05
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:49:23 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	141468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	260303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	235945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	110961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77581	48.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.810	113	79625	46.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.275	98	324674	47.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.575	95	94529	48.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	66843	48.125	ug/l	98
3) Chloromethane	2.152	50	118258	51.705	ug/l	100
4) Vinyl Chloride	2.287	62	154950	46.190	ug/l	94
5) Bromomethane	2.699	94	110433	45.109	ug/l	98
6) Chloroethane	2.846	64	109993	46.940	ug/l	99
7) Trichlorofluoromethane	3.187	101	139363	45.672	ug/l	98
8) Diethyl Ether	3.599	74	42829	50.633	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.975	101	83190	47.072	ug/l	95
10) Methyl Iodide	4.169	142	92682	52.316	ug/l	# 87
11) Tert butyl alcohol	5.052	59	20586	258.920	ug/l	98
12) 1,1-Dichloroethene	3.952	96	82479	47.112	ug/l	85
13) Acrolein	3.805	56	47688	261.277	ug/l	100
14) Allyl chloride	4.569	41	115139	49.859	ug/l	91
15) Acrylonitrile	5.258	53	99724	262.727	ug/l	99
16) Acetone	4.028	43	90984	229.437	ug/l	# 83
17) Carbon Disulfide	4.281	76	267268	47.080	ug/l	98
18) Methyl Acetate	4.569	43	74522	53.634	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	189844	52.001	ug/l	98
20) Methylene Chloride	4.810	84	102084	52.315	ug/l	# 83
21) trans-1,2-Dichloroethene	5.316	96	99574	49.220	ug/l	97
22) Diisopropyl ether	6.222	45	258167	52.833	ug/l	94
23) Vinyl Acetate	6.157	43	627098	260.475	ug/l	# 91
24) 1,1-Dichloroethane	6.122	63	165708	49.077	ug/l	96
25) 2-Butanone	7.087	43	118092	231.302	ug/l	87
26) 2,2-Dichloropropane	7.081	77	137723	48.691	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	110161	50.692	ug/l	92
28) Bromochloromethane	7.434	49	67243	51.061	ug/l	# 73
29) Tetrahydrofuran	7.446	42	71253	267.431	ug/l	86
30) Chloroform	7.599	83	172721	50.299	ug/l	98
31) Cyclohexane	7.881	56	135276	45.303	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	141624	47.744	ug/l	99
36) 1,1-Dichloropropene	8.010	75	133447	47.369	ug/l	94
37) Ethyl Acetate	7.175	43	48356	46.107	ug/l	# 91
38) Carbon Tetrachloride	7.999	117	126389	45.426	ug/l	98
39) Methylcyclohexane	9.281	83	157171	47.175	ug/l	94
40) Benzene	8.257	78	396285	49.569	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	25393	44.095	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	102548	49.300	ug/l	94
43) Isopropyl Acetate	8.363	43	93030	48.417	ug/l	91
44) Trichloroethene	9.034	130	98496	48.157	ug/l	93
45) 1,2-Dichloropropane	9.304	63	98759	49.783	ug/l	98
46) Dibromomethane	9.398	93	53814	49.396	ug/l #	86
47) Bromodichloromethane	9.587	83	133300	48.709	ug/l	100
48) Methyl methacrylate	9.387	41	56781	51.043	ug/l #	77
49) 1,4-Dioxane	9.387	88	10091	957.261	ug/l #	82
51) 4-Methyl-2-Pentanone	10.163	43	248103	245.725	ug/l	90
52) Toluene	10.334	92	250123	49.358	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	127933	50.672	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	153586	50.745	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	72276	49.580	ug/l	92
56) Ethyl methacrylate	10.598	69	62421	52.308	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	121076	48.566	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	165269	231.104	ug/l	93
59) 2-Hexanone	10.922	43	181505	221.217	ug/l	88
60) Dibromochloromethane	11.075	129	85789	49.915	ug/l	97
61) 1,2-Dibromoethane	11.181	107	68827	51.220	ug/l	100
64) Tetrachloroethene	10.810	164	75079	48.666	ug/l	91
65) Chlorobenzene	11.610	112	257108	49.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	95117	51.066	ug/l	94
67) Ethyl Benzene	11.687	91	477944	50.390	ug/l	98
68) m/p-Xylenes	11.792	106	366343	101.129	ug/l	90
69) o-Xylene	12.122	106	165817	50.438	ug/l	91
70) Styrene	12.134	104	254842	51.730	ug/l	95
71) Bromoform	12.304	173	45280	49.089	ug/l #	99
73) Isopropylbenzene	12.422	105	439789	50.408	ug/l	95
74) N-amyl acetate	12.234	43	85651	51.312	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	79603	49.034	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	101152	95.045	ug/l #	100
77) Bromobenzene	12.704	156	96800	50.605	ug/l	85
78) n-propylbenzene	12.763	91	542622	50.146	ug/l	95
79) 2-Chlorotoluene	12.851	91	294050	50.922	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	369125	51.025	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	26132	52.891	ug/l	94
82) 4-Chlorotoluene	12.945	91	305458	50.181	ug/l	95
83) tert-Butylbenzene	13.169	119	303713	50.222	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	373887	51.103	ug/l	96
85) sec-Butylbenzene	13.345	105	453320	49.506	ug/l	97
86) p-Isopropyltoluene	13.463	119	406368	50.996	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	201878	50.974	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	193387	49.426	ug/l	96
89) n-Butylbenzene	13.786	91	387709	49.980	ug/l	97
90) Hexachloroethane	14.051	117	77565	49.622	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	168804	50.687	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11208	48.311	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	102152	49.622	ug/l	96
94) Hexachlorobutadiene	15.204	225	48701	48.956	ug/l	99
95) Naphthalene	15.333	128	207193	53.832	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	89107	51.591	ug/l	99

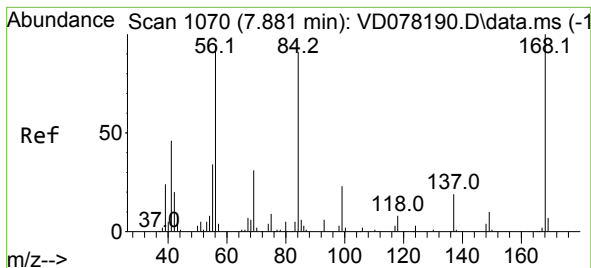
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
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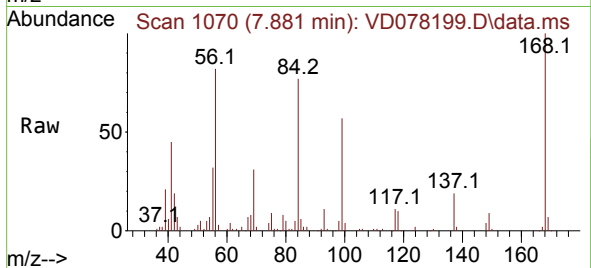
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

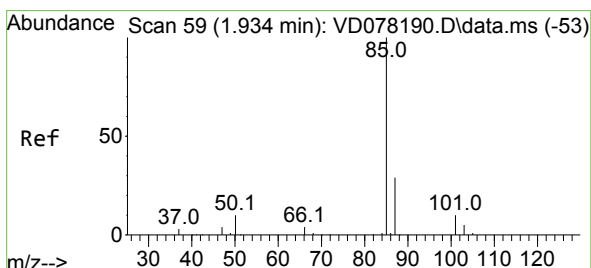
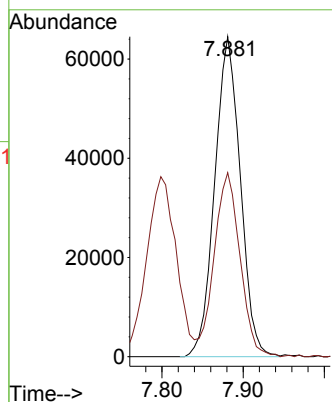
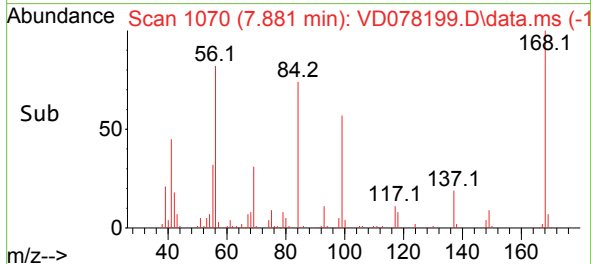


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :

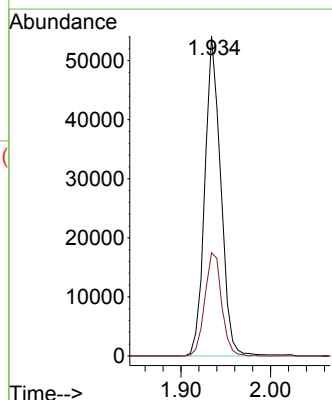
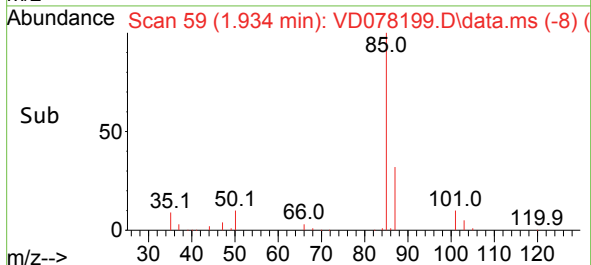
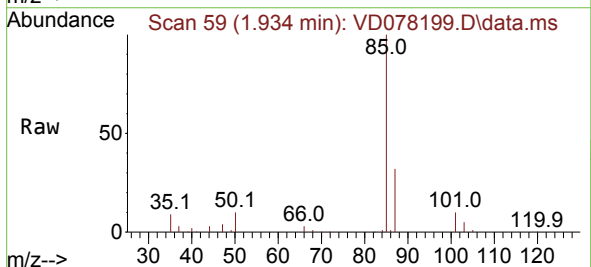


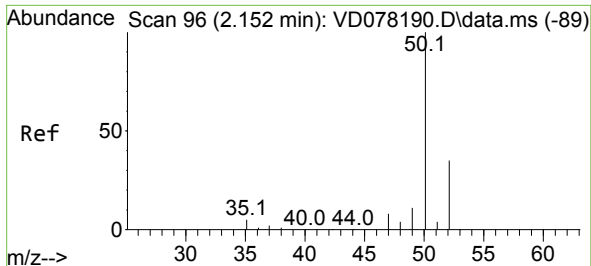
Tgt Ion:168 Resp: 141468
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 48.125 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 85 Resp: 66843
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

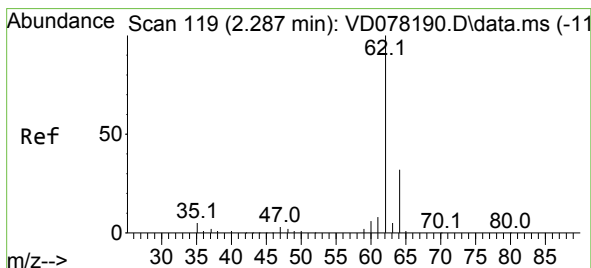
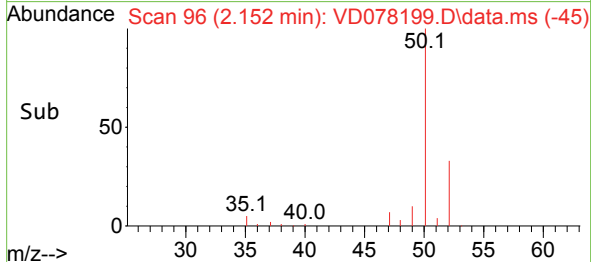
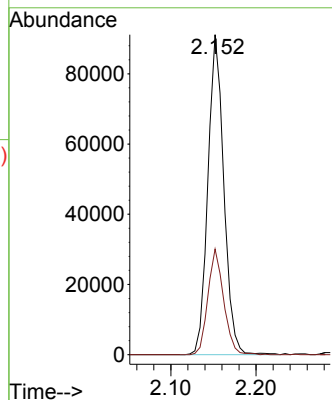
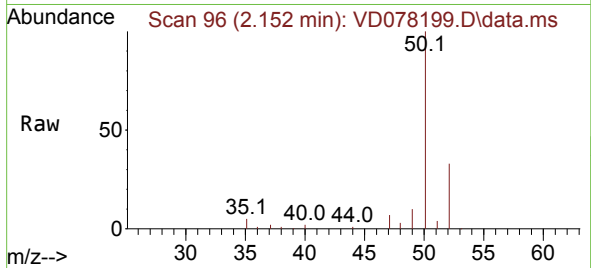




#3
Chloromethane
Concen: 51.705 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

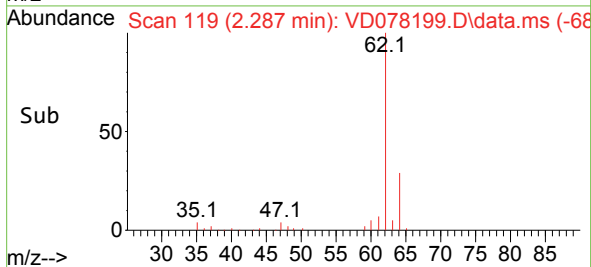
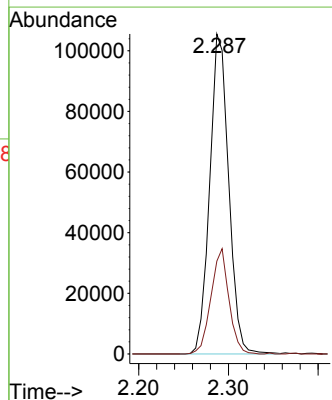
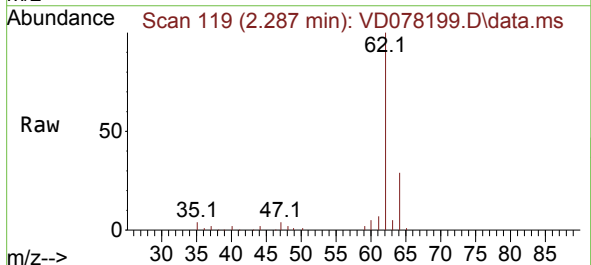
Instrument :
MSVOA_D
ClientSampleId :

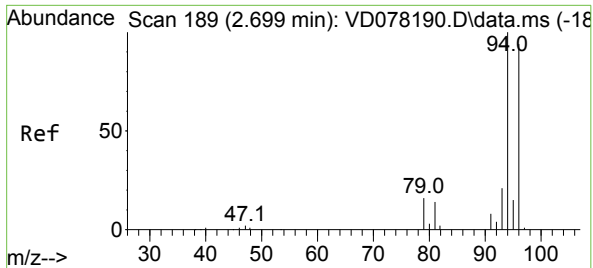
Tgt Ion: 50 Resp: 118258
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 46.190 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 62 Resp: 154950
Ion Ratio Lower Upper
62 100
64 29.0 26.0 39.0

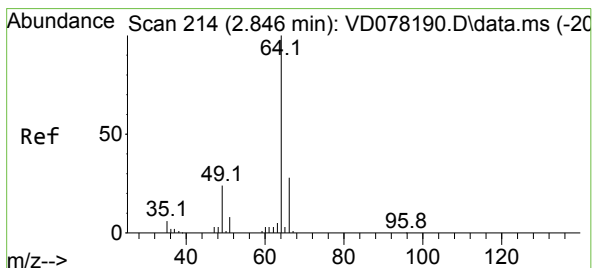
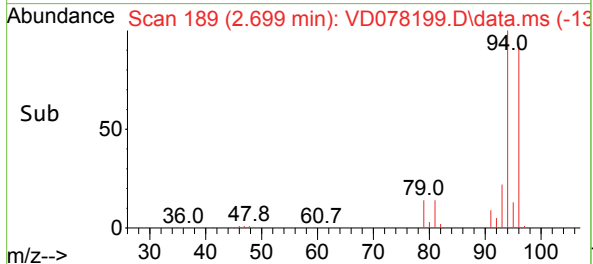
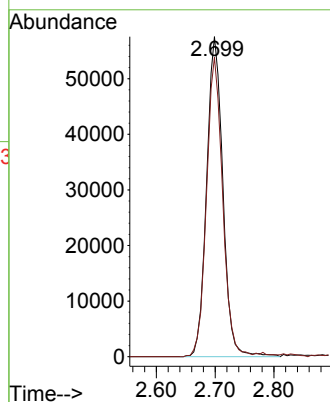
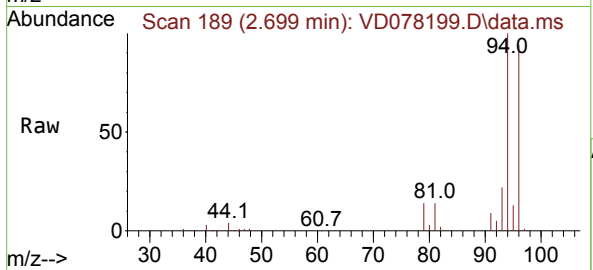




#5
Bromomethane
Concen: 45.109 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

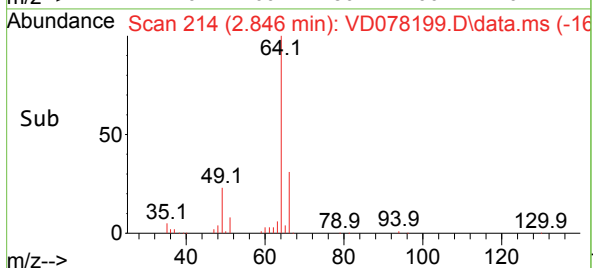
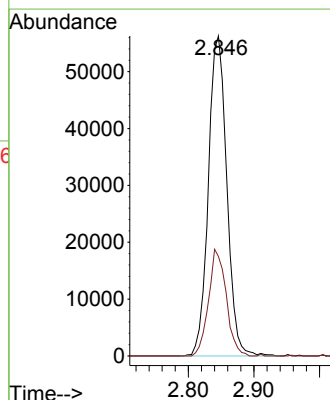
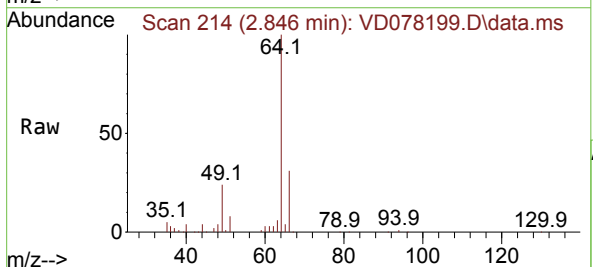
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MSVOA_D
ClientSampleId :

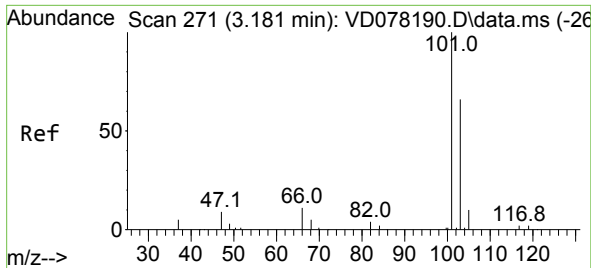
Tgt Ion: 94 Resp: 110433
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 46.940 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 64 Resp: 109993
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3

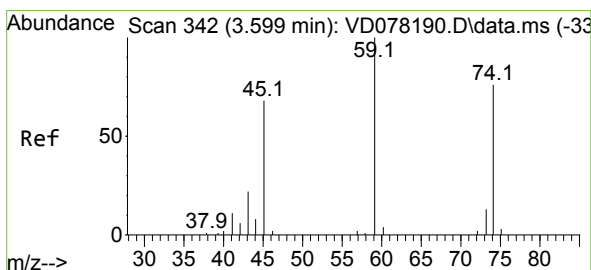
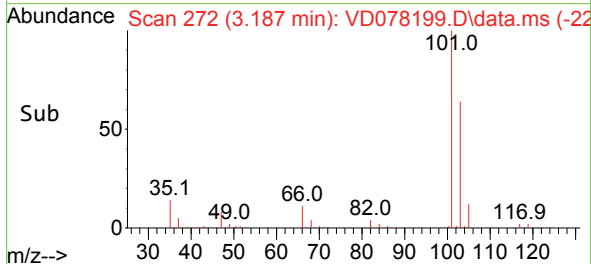
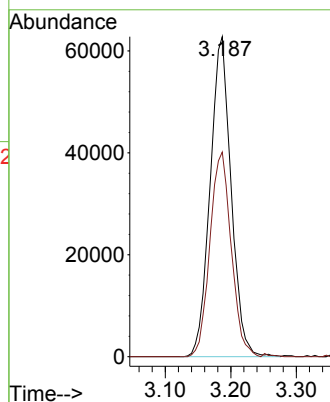
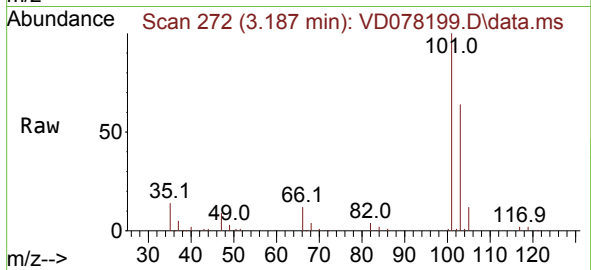




#7
 Trichlorofluoromethane
 Concen: 45.672 ug/l
 RT: 3.187 min Scan# 271
 Delta R.T. 0.006 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

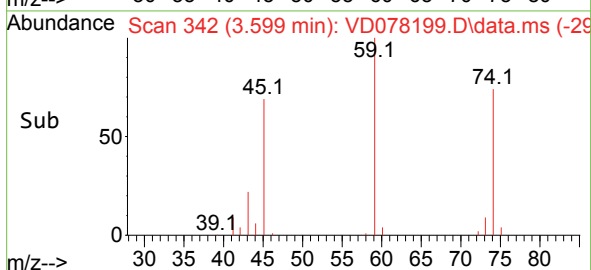
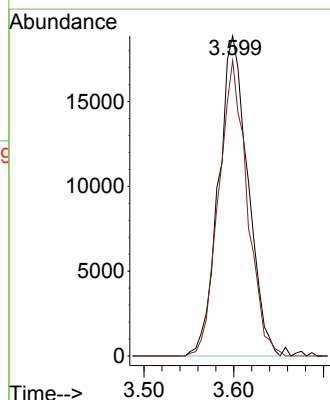
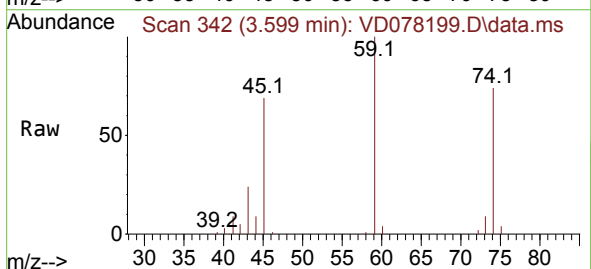
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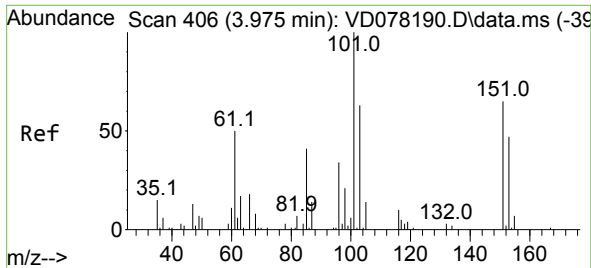
Tgt Ion:101 Resp: 139363
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.633 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

Tgt Ion: 74 Resp: 42829
 Ion Ratio Lower Upper
 74 100
 45 89.6 37.5 112.7

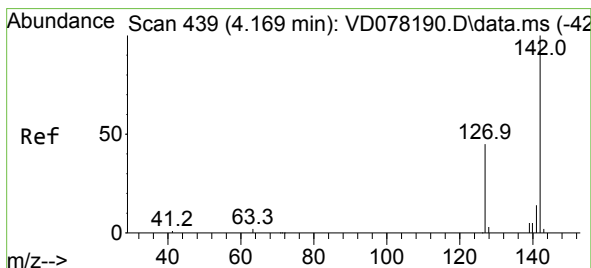
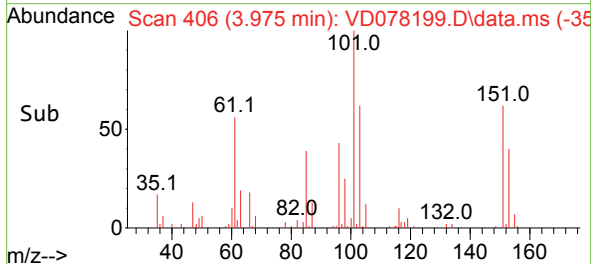
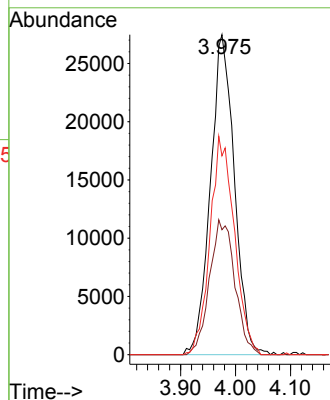
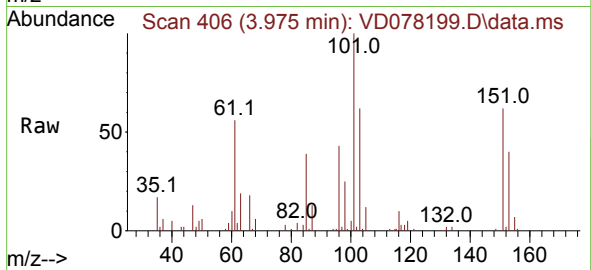




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.072 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078199.D
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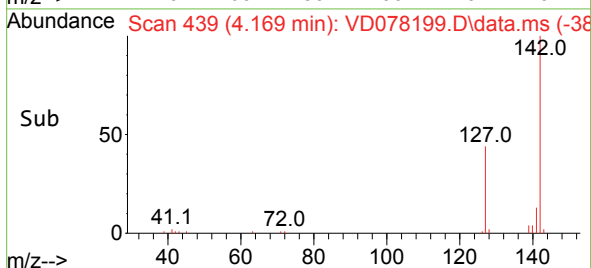
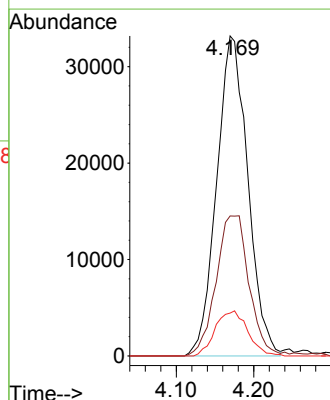
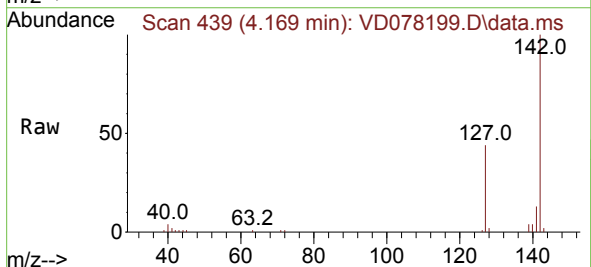
Instrument :
MSVOA_D
ClientSampleId :

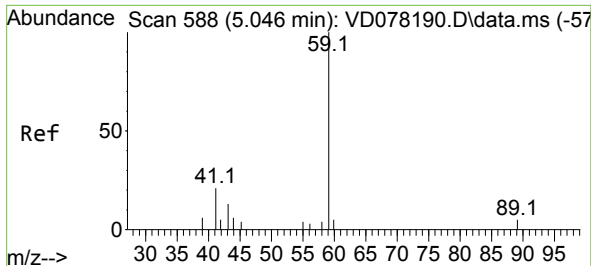
Tgt Ion:101 Resp: 83190
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 69.5 59.8 89.6



#10
Methyl Iodide
Concen: 52.316 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:142 Resp: 92682
Ion Ratio Lower Upper
142 100
127 46.8 29.4 44.0#
141 14.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 258.920 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

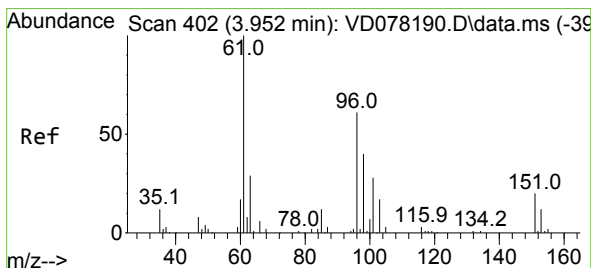
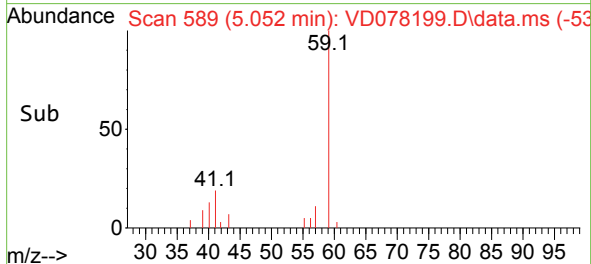
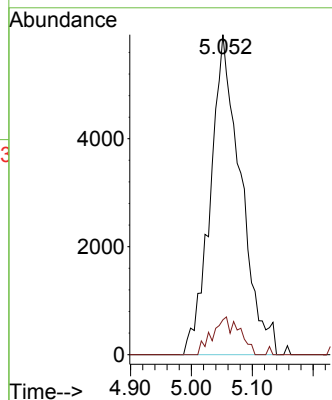
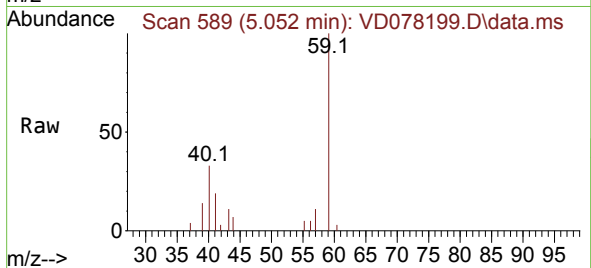
ClientSampleId :

Tgt Ion: 59 Resp: 20586

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 47.112 ug/l

RT: 3.952 min Scan# 402

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

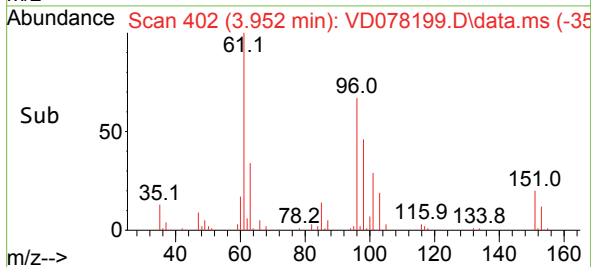
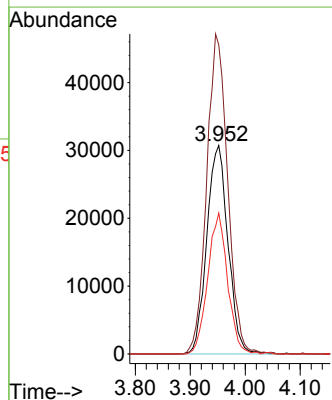
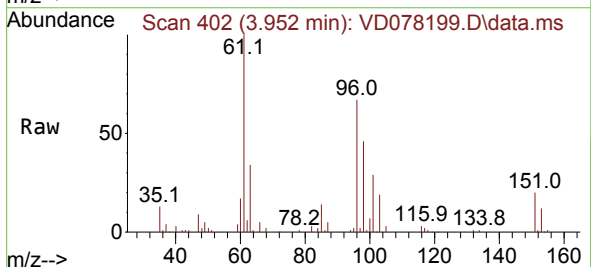
Tgt Ion: 96 Resp: 82479

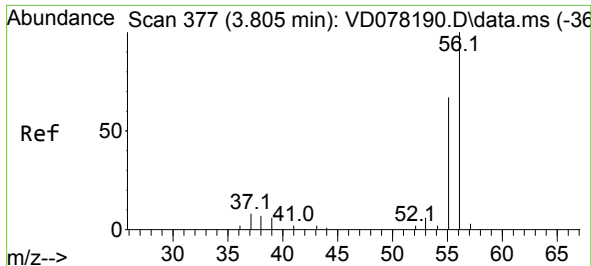
Ion Ratio Lower Upper

96 100

61 148.3 100.6 150.8

98 67.6 50.2 75.2





#13

Acrolein

Concen: 261.277 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

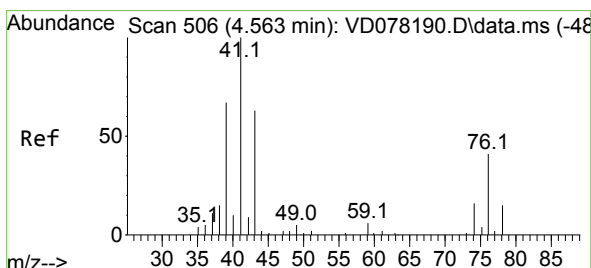
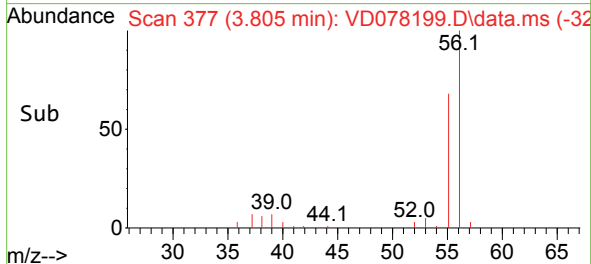
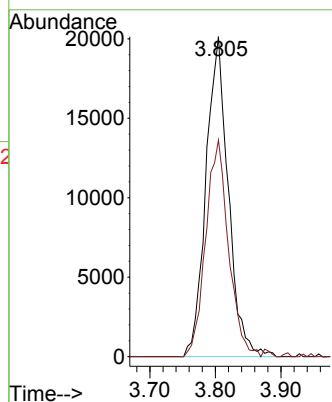
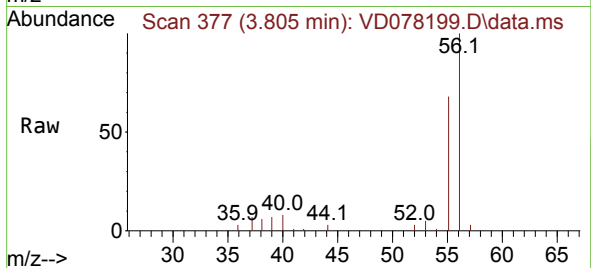
ClientSampleId :

Tgt Ion: 56 Resp: 47688

Ion Ratio Lower Upper

56 100

55 69.1 55.1 82.7



#14

Allyl chloride

Concen: 49.859 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

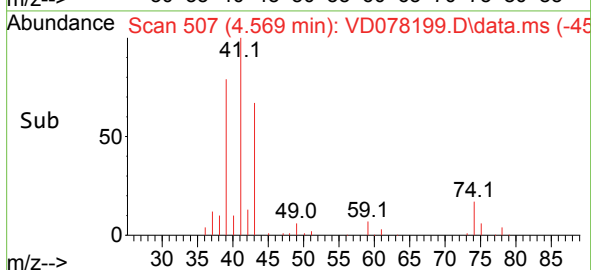
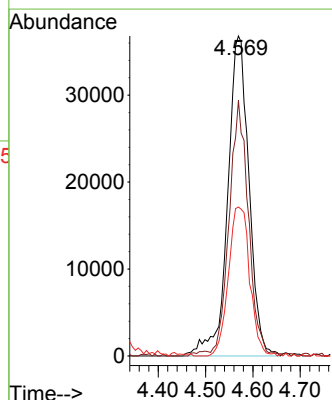
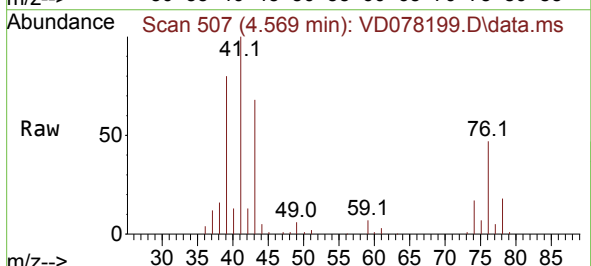
Tgt Ion: 41 Resp: 115139

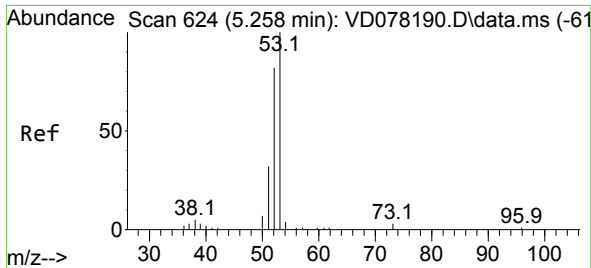
Ion Ratio Lower Upper

41 100

39 70.6 53.8 80.6

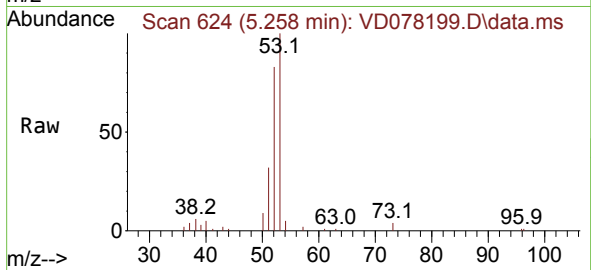
76 46.7 45.8 68.8



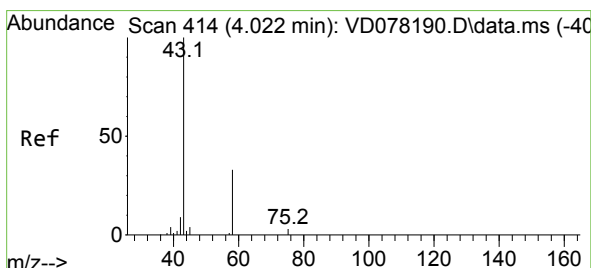
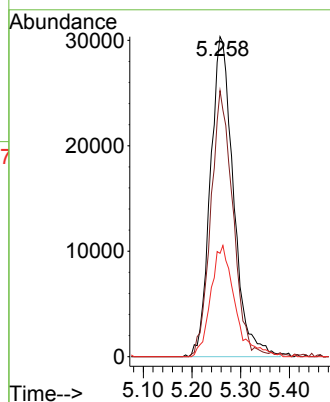
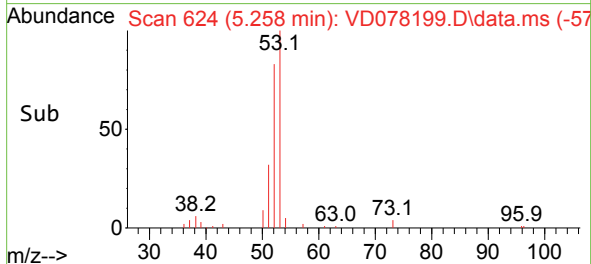


#15
Acrylonitrile
Concen: 262.727 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :

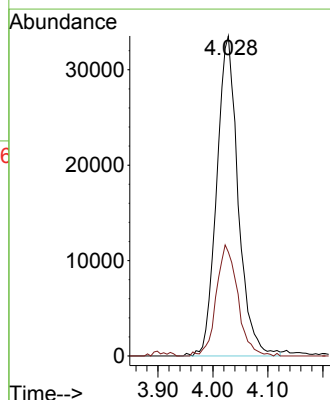
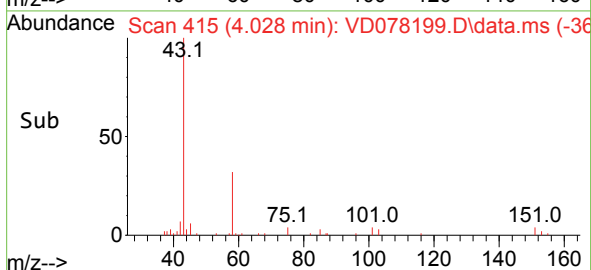
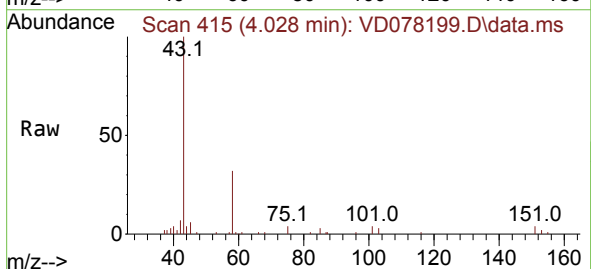


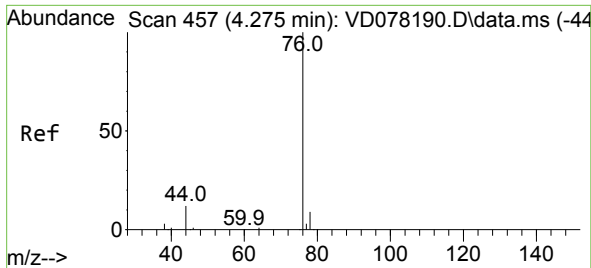
Tgt Ion:	53	Resp:	99724
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.0	97.4
51	36.6	28.3	42.5



#16
Acetone
Concen: 229.437 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:	43	Resp:	90984
Ion	Ratio	Lower	Upper
43	100		
58	32.5	34.7	52.1#

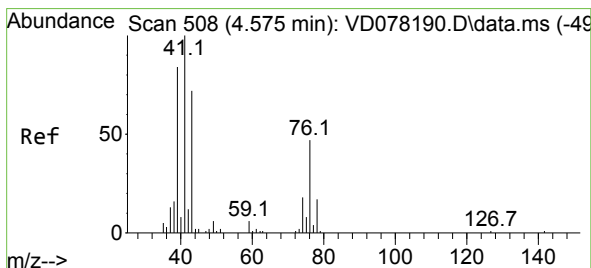
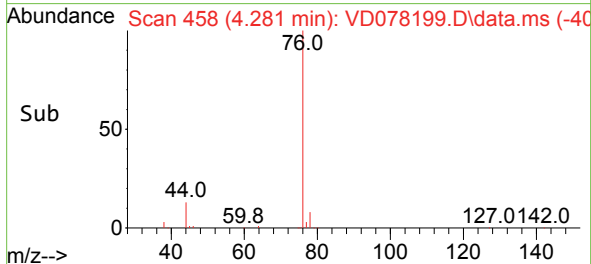
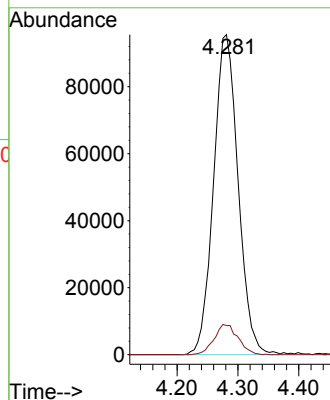
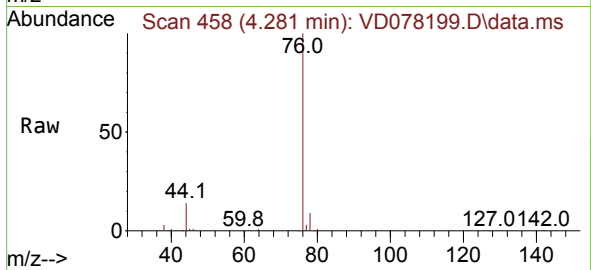




#17
Carbon Disulfide
Concen: 47.080 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

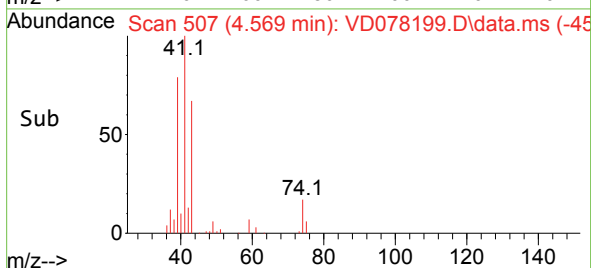
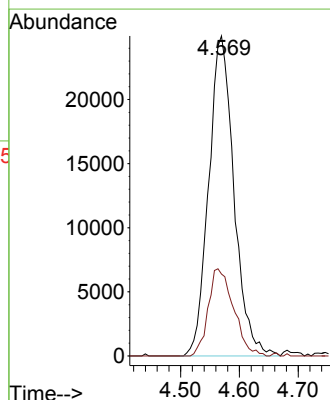
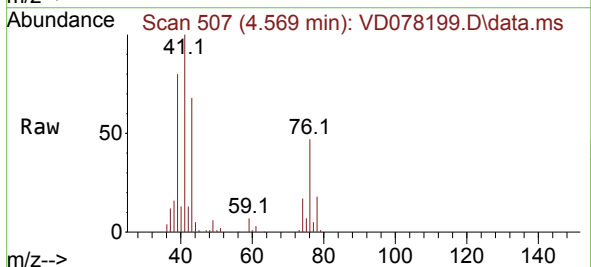
Instrument :
MSVOA_D
ClientSampleId :

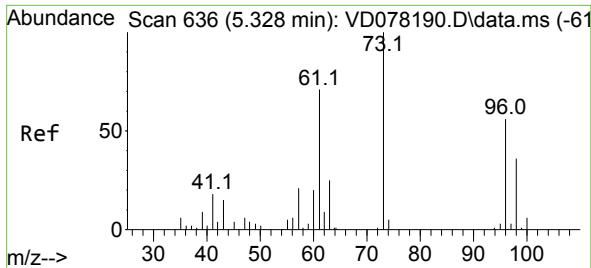
Tgt Ion: 76 Resp: 267268
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 53.634 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 43 Resp: 74522
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 52.001 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

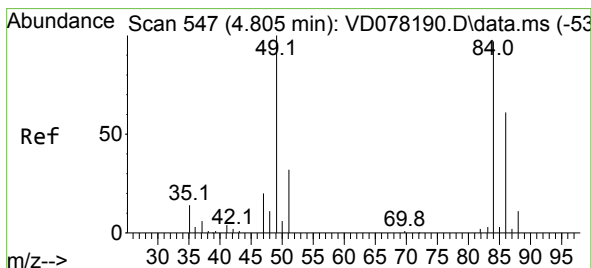
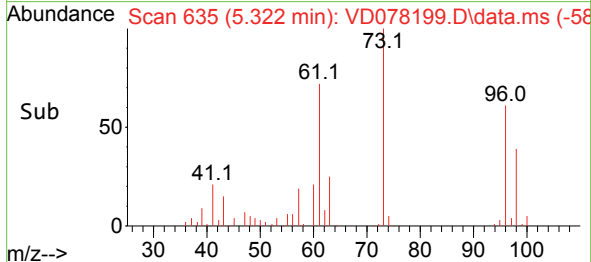
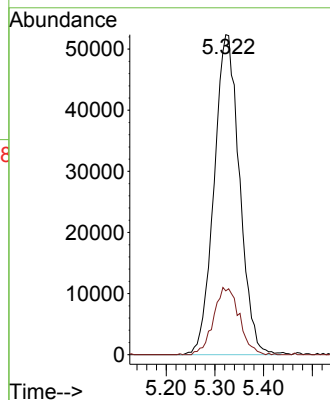
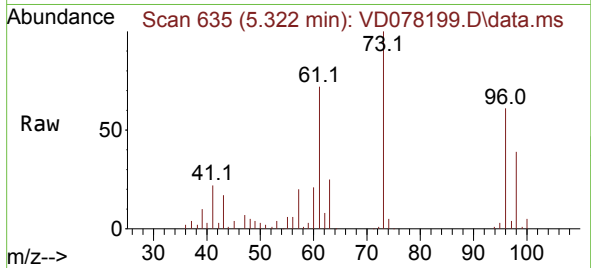
ClientSampleId :

Tgt Ion: 73 Resp: 189844

Ion Ratio Lower Upper

73 100

57 20.0 16.6 25.0



#20

Methylene Chloride

Concen: 52.315 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.005 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Tgt Ion: 84 Resp: 102084

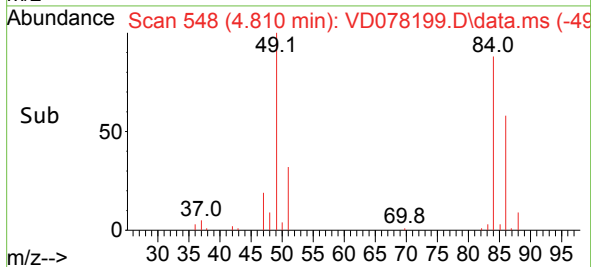
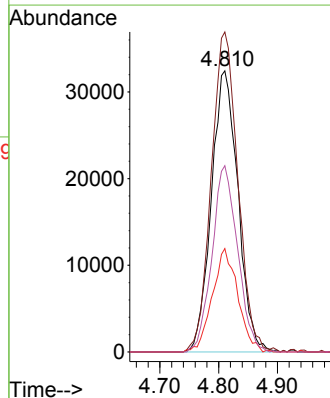
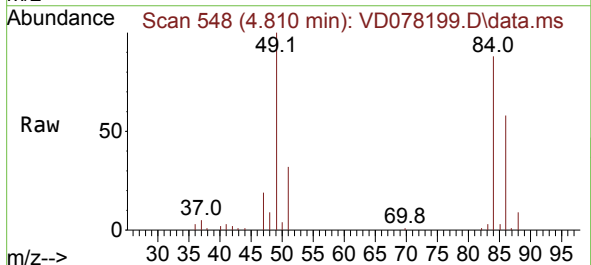
Ion Ratio Lower Upper

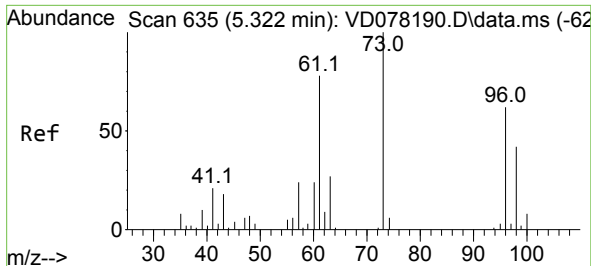
84 100

49 113.8 71.4 107.2#

51 36.8 24.5 36.7#

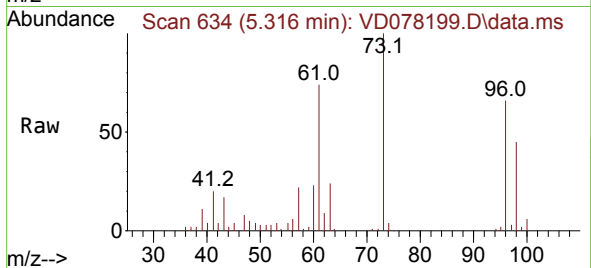
86 66.2 48.7 73.1



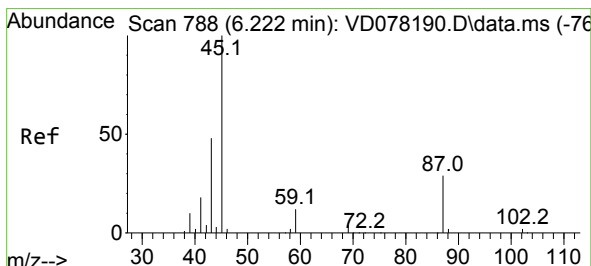
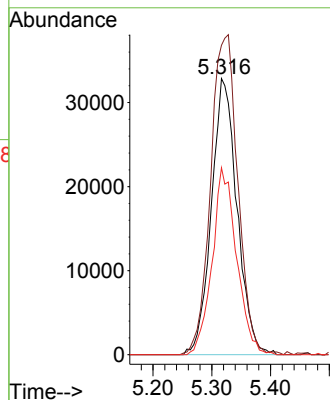
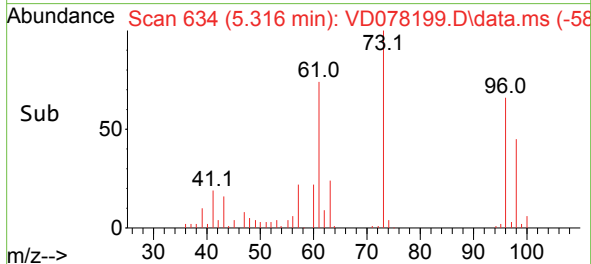


#21
trans-1,2-Dichloroethene
Concen: 49.220 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

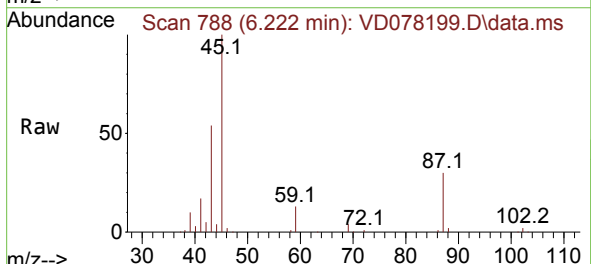
Instrument :
MSVOA_D
ClientSampleId :



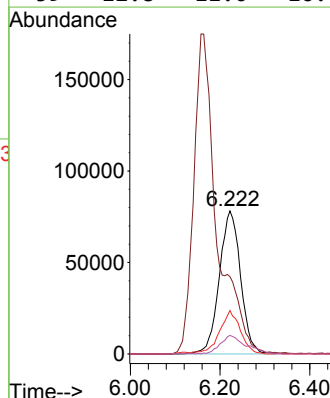
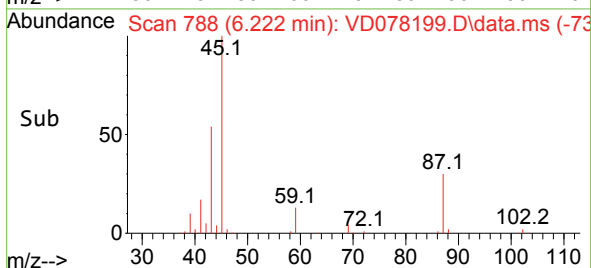
Tgt Ion: 96 Resp: 99574
Ion Ratio Lower Upper
96 100
61 112.0 89.3 133.9
98 67.7 48.6 73.0

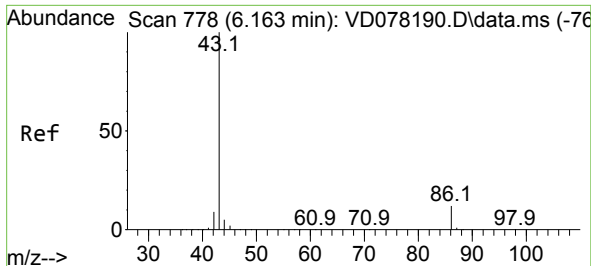


#22
Diisopropyl ether
Concen: 52.833 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05



Tgt Ion: 45 Resp: 258167
Ion Ratio Lower Upper
45 100
43 53.3 40.0 60.0
87 30.1 28.2 42.4
59 12.8 11.0 16.4

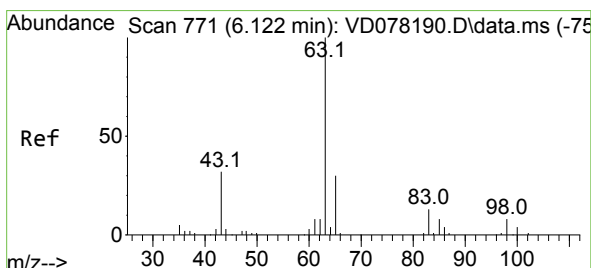
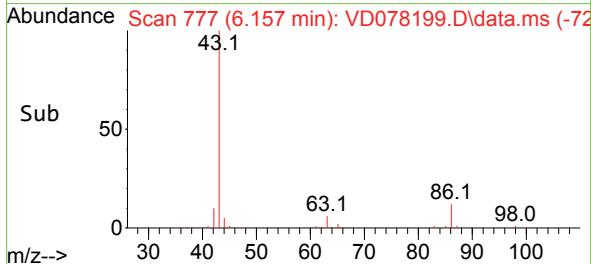
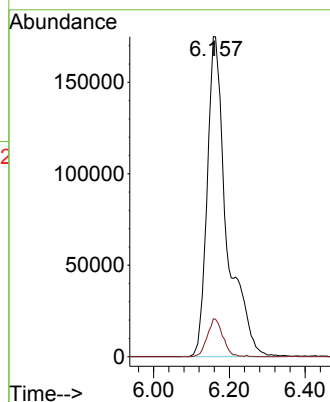
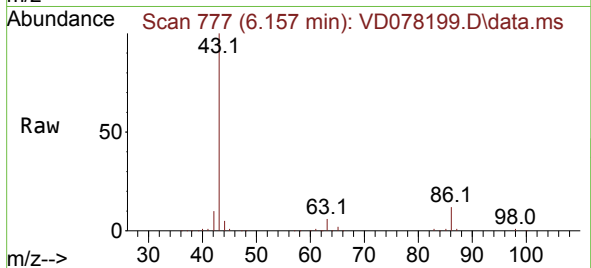




#23
 Vinyl Acetate
 Concen: 260.475 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

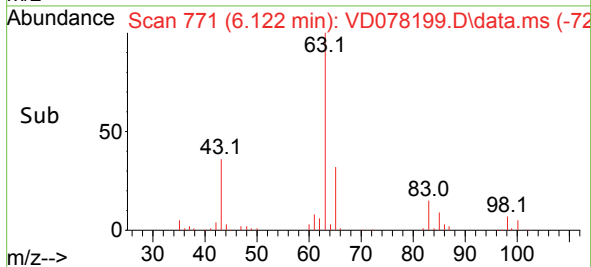
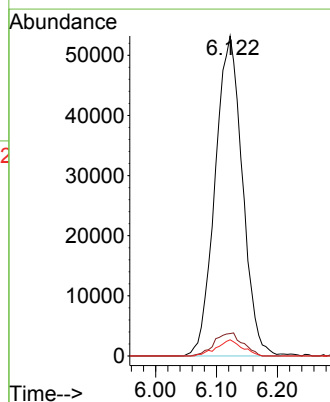
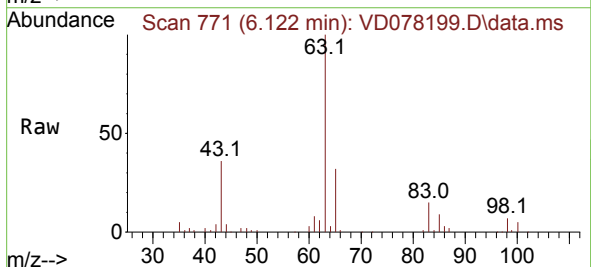
Instrument :
 MSVOA_D
 ClientSampleId :

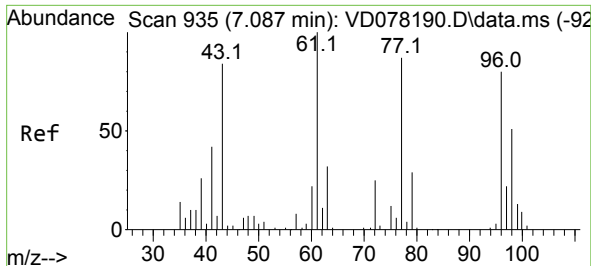
Tgt Ion: 43 Resp: 627098
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.077 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

Tgt Ion: 63 Resp: 165708
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.0 2.5 7.5

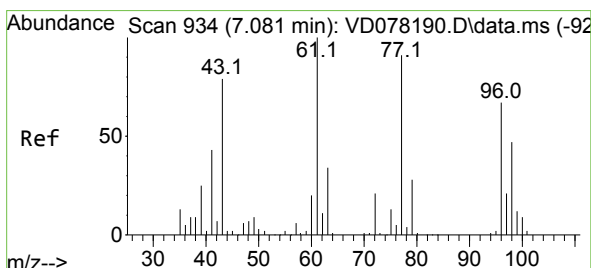
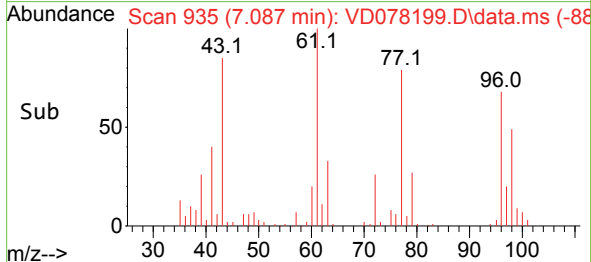
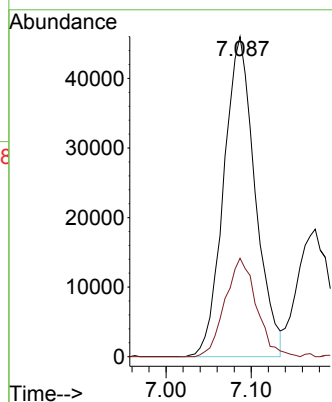
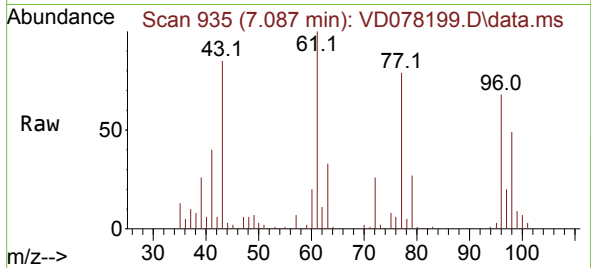




#25
2-Butanone
Concen: 231.302 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

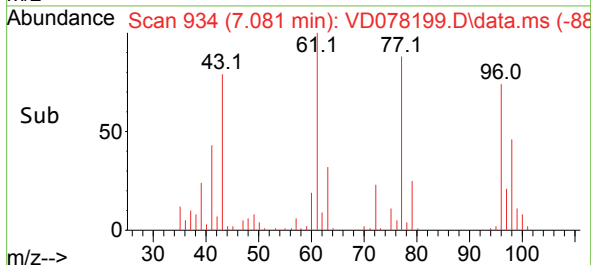
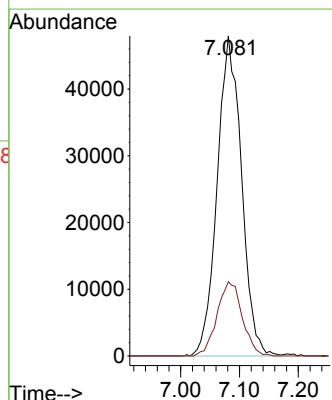
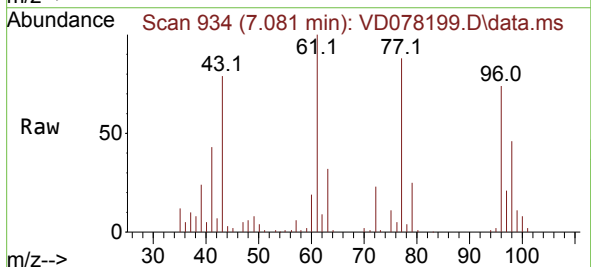
Instrument :
MSVOA_D
ClientSampleId :

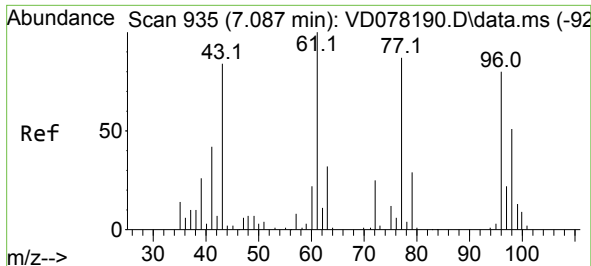
Tgt Ion: 43 Resp: 118092
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 48.691 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 77 Resp: 137723
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

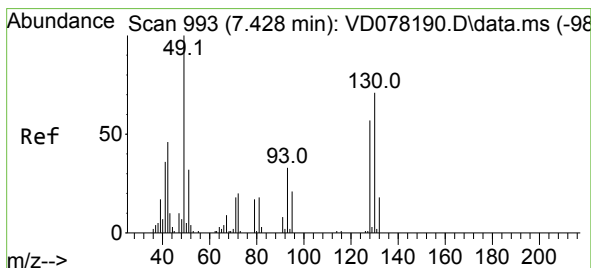
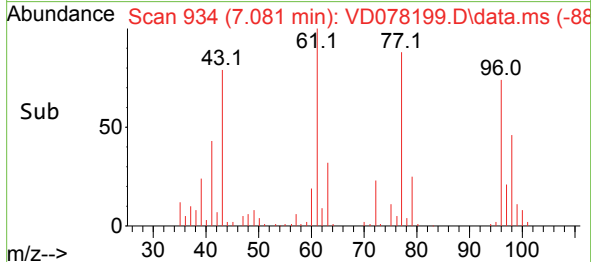
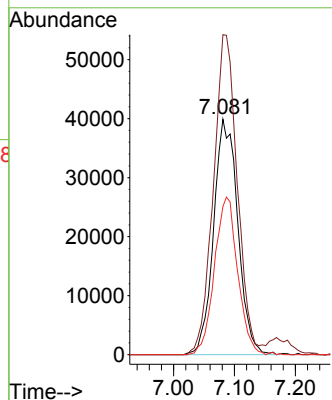
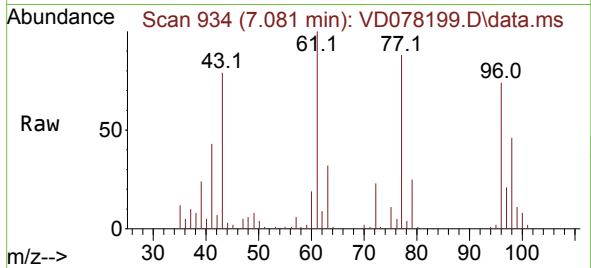




#27
 cis-1,2-Dichloroethene
 Concen: 50.692 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

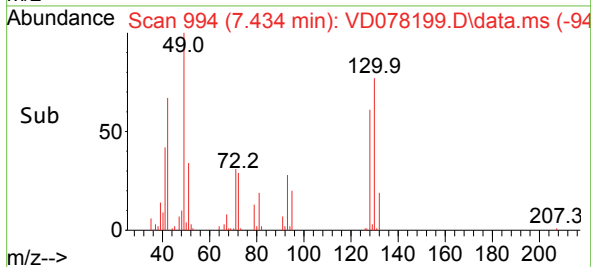
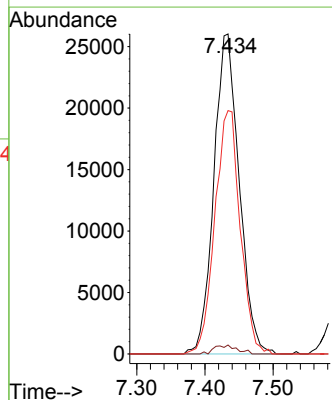
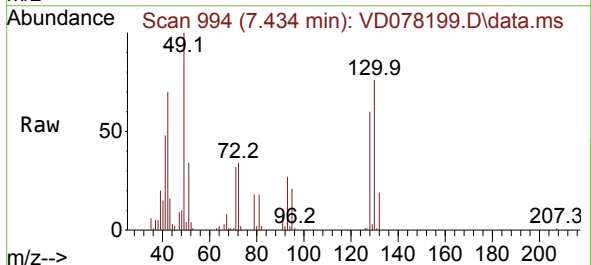
Instrument :
 MSVOA_D
 ClientSampleId :

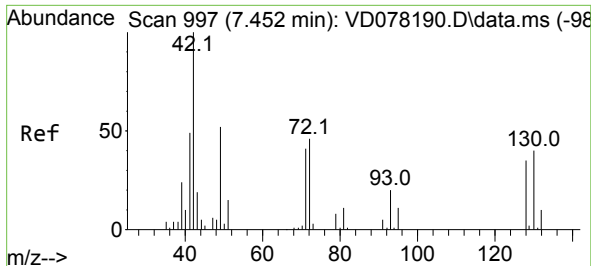
Tgt Ion: 96 Resp: 110161
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 239.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.061 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

Tgt Ion: 49 Resp: 67243
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 76.1 83.2 124.8#





#29

Tetrahydrofuran

Concen: 267.431 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

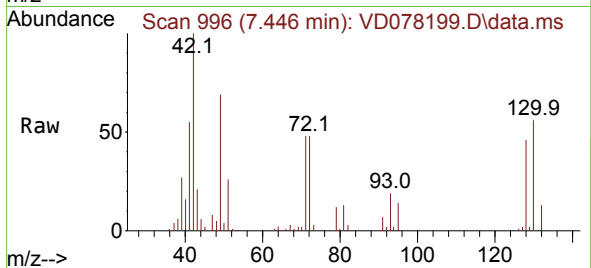
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



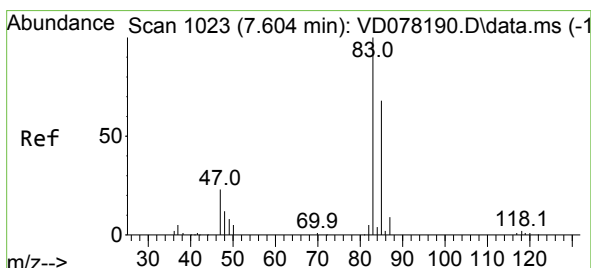
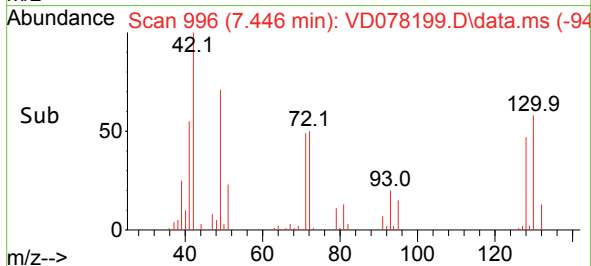
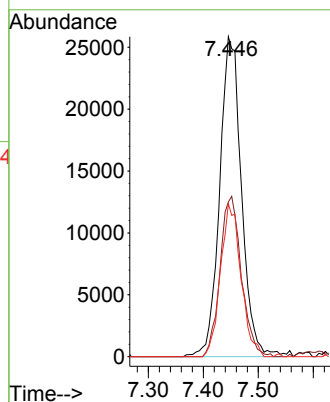
Tgt Ion: 42 Resp: 71253

Ion Ratio Lower Upper

42 100

72 49.0 46.5 69.7

71 44.7 44.5 66.7



#30

Chloroform

Concen: 50.299 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078199.D

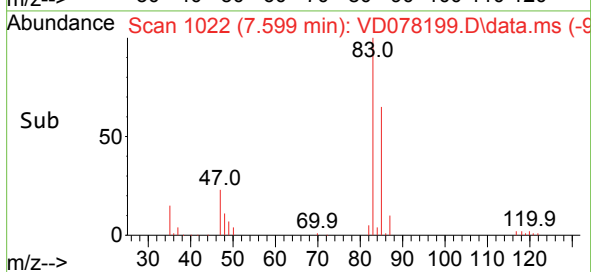
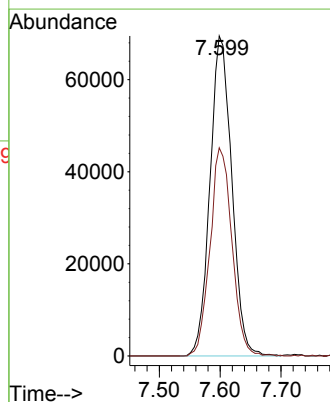
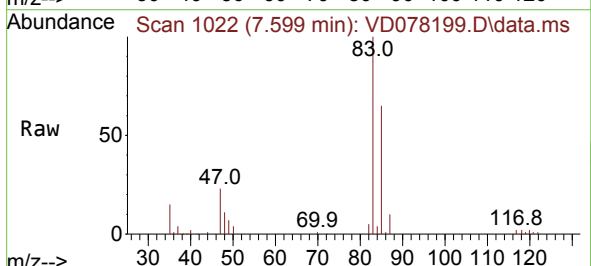
Acq: 22 Jan 2024 19:05

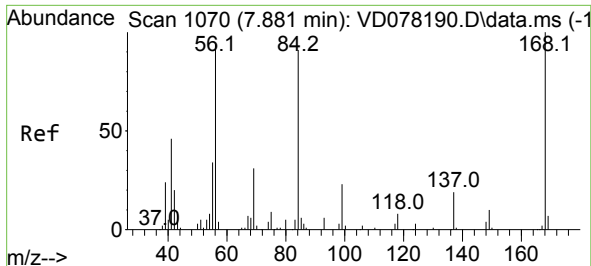
Tgt Ion: 83 Resp: 172721

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.2





#31

Cyclohexane

Concen: 45.303 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

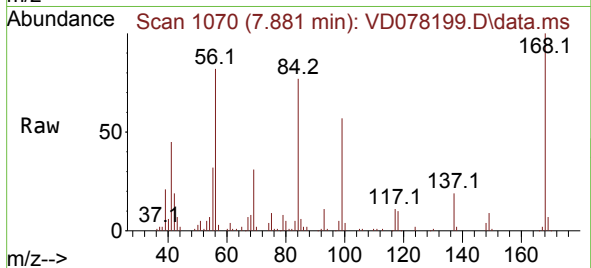
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



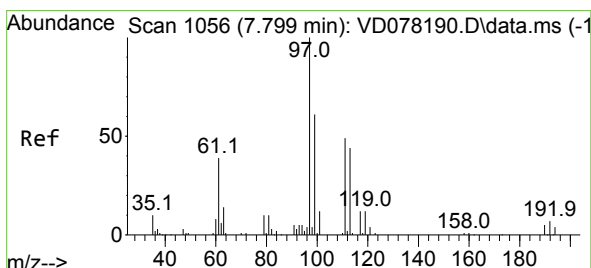
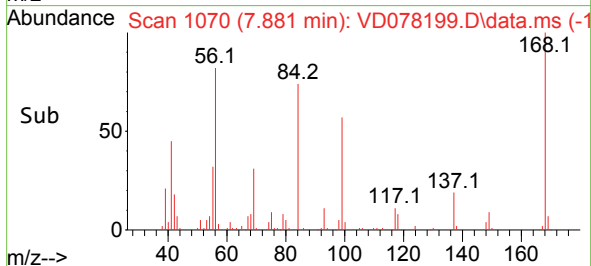
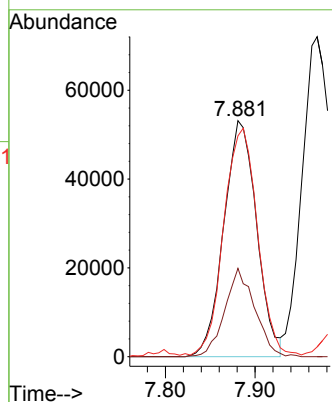
Tgt Ion: 56 Resp: 135276

Ion Ratio Lower Upper

56 100

69 37.4 28.6 43.0

84 92.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 47.744 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

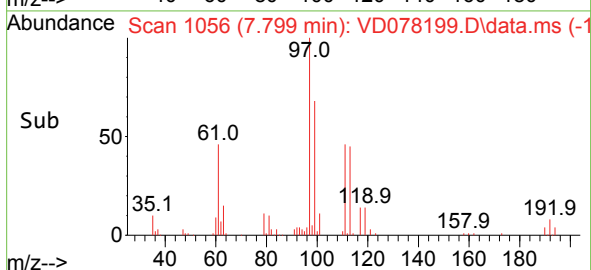
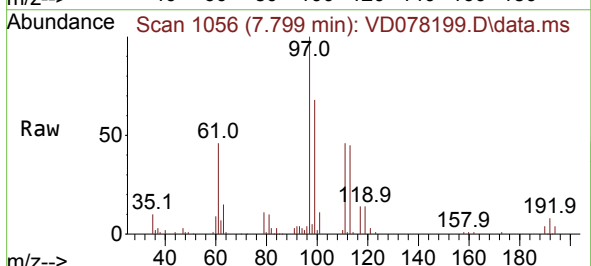
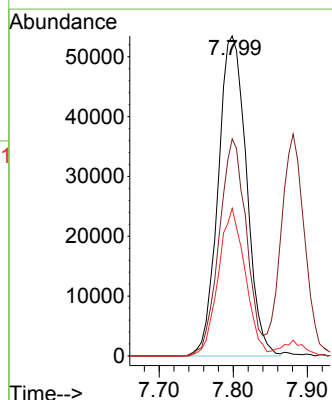
Tgt Ion: 97 Resp: 141624

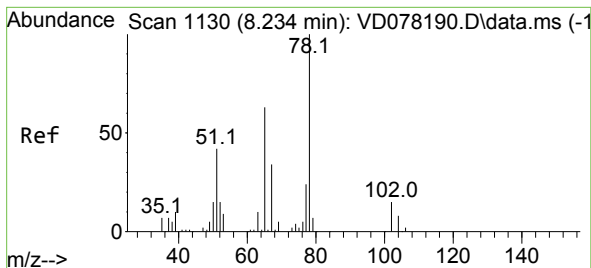
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.038 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

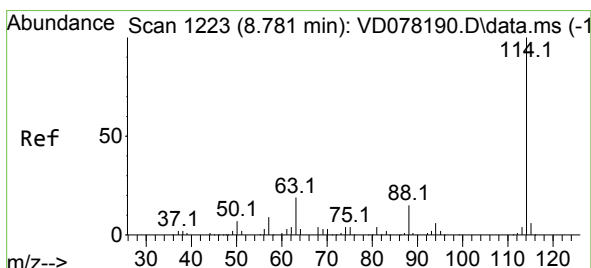
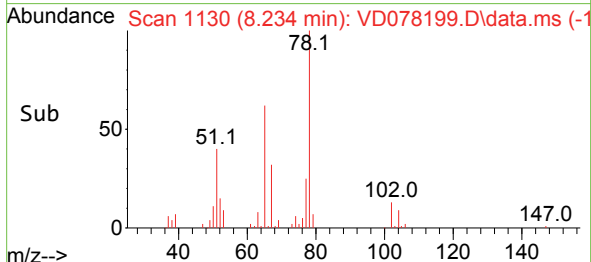
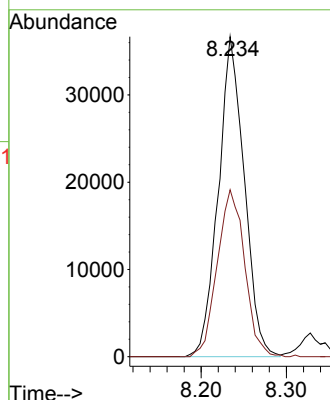
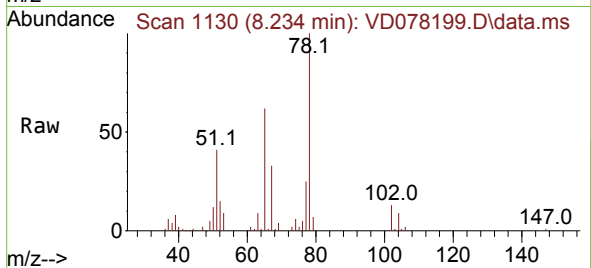
ClientSampleId :

Tgt Ion: 65 Resp: 77581

Ion Ratio Lower Upper

65 100

67 55.1 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: VD078199.D

Acq: 22 Jan 2024 19:05

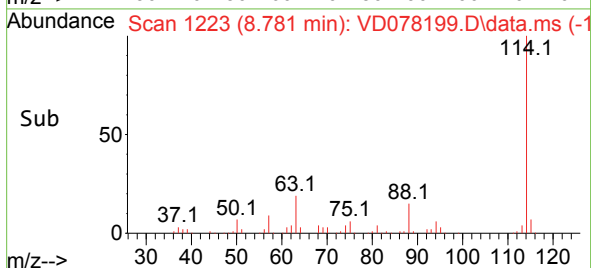
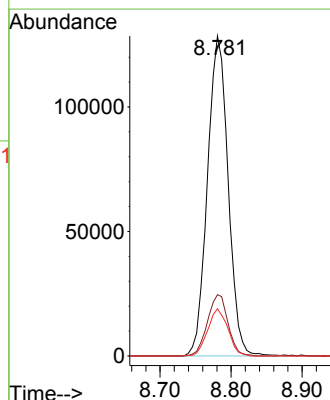
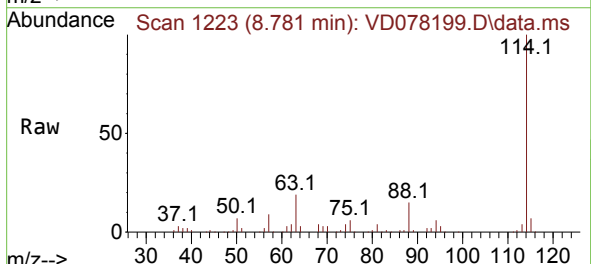
Tgt Ion: 114 Resp: 260303

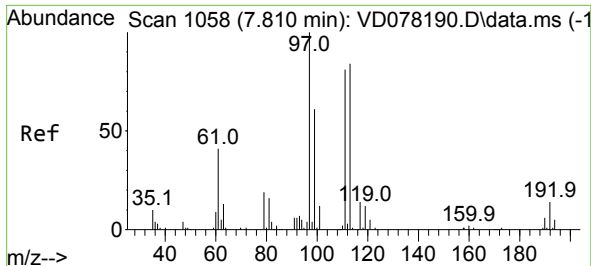
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.479 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

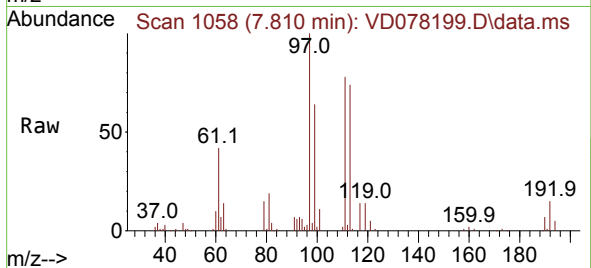
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



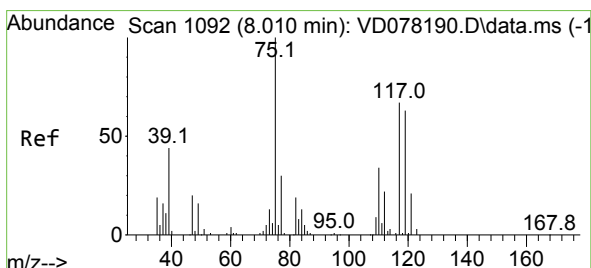
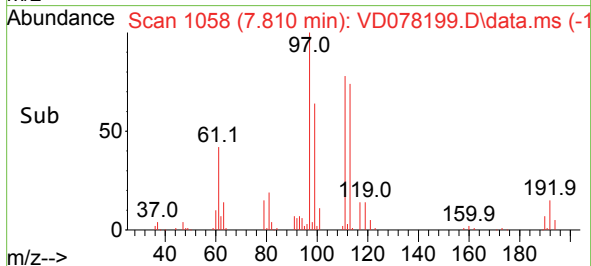
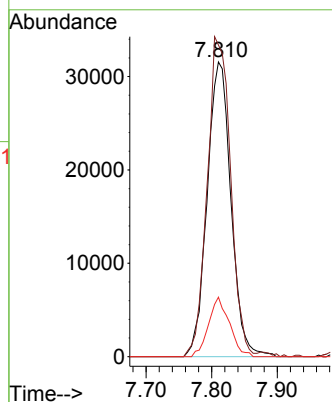
Tgt Ion:113 Resp: 79625

Ion Ratio Lower Upper

113 100

111 106.7 84.7 127.1

192 17.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 47.369 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

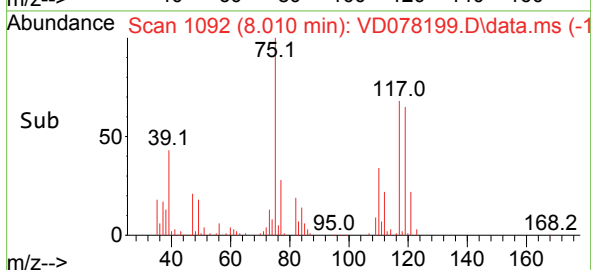
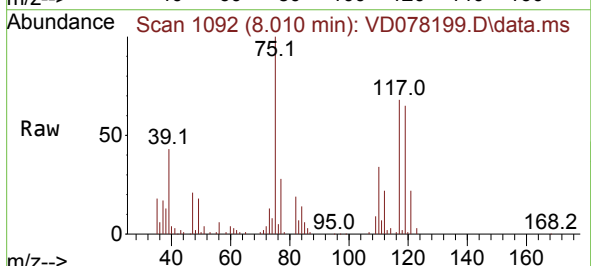
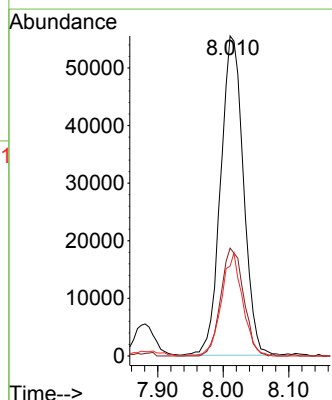
Tgt Ion: 75 Resp: 133447

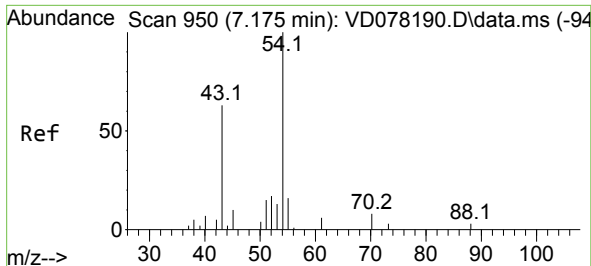
Ion Ratio Lower Upper

75 100

110 33.9 19.9 59.6

77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 46.107 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078199.D

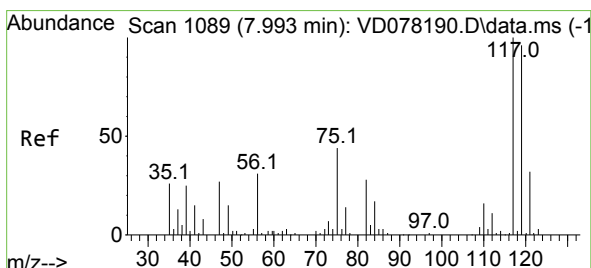
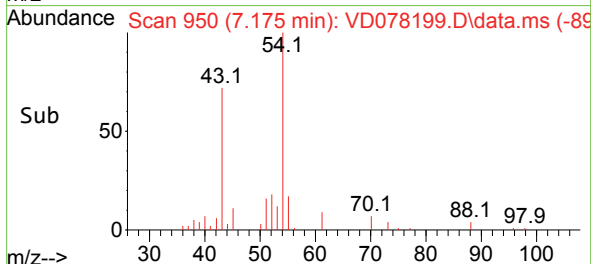
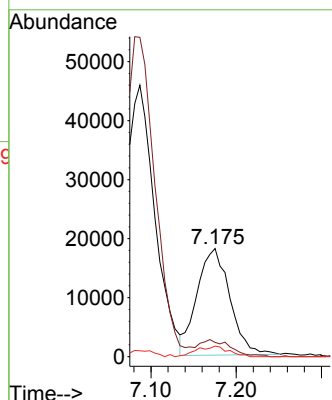
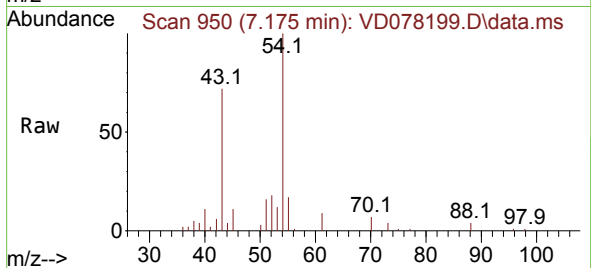
Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	48356
Ion	Ratio	Lower	Upper
43	100		
61	14.5	14.9	22.3#
70	9.4	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 45.426 ug/l

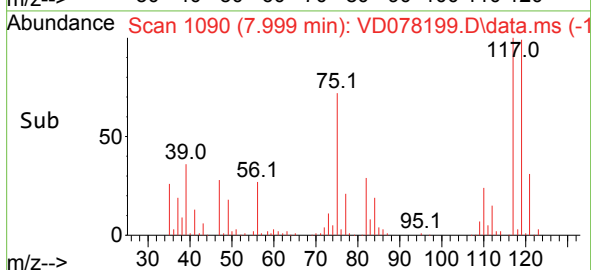
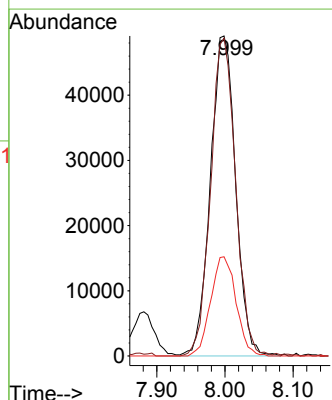
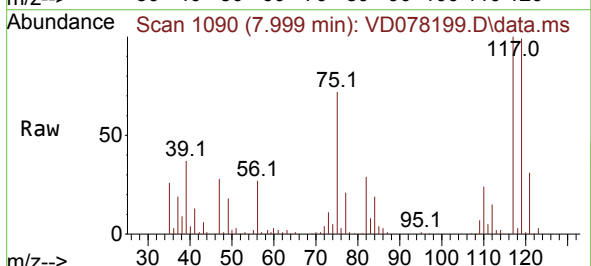
RT: 7.999 min Scan# 1090

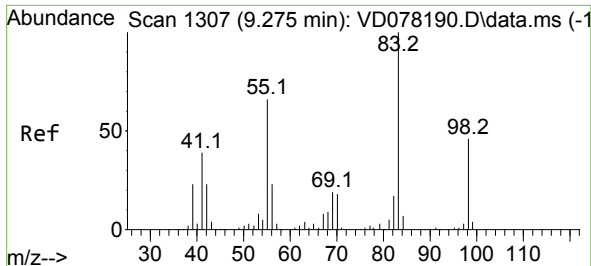
Delta R.T. 0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

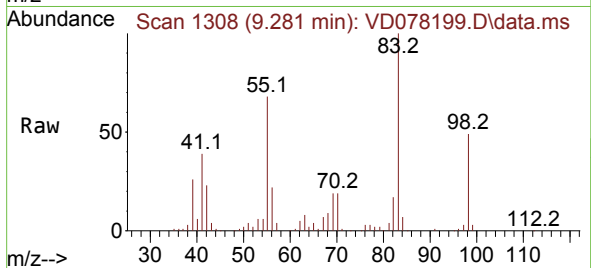
Tgt Ion:	117	Resp:	126389
Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.0	117.0
121	31.0	24.2	36.2



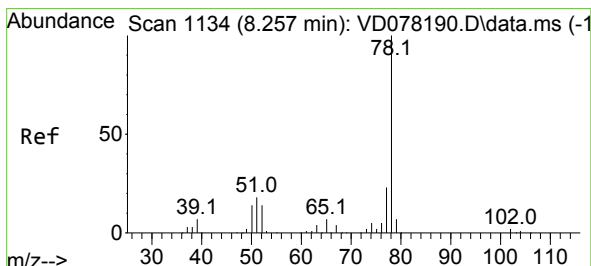
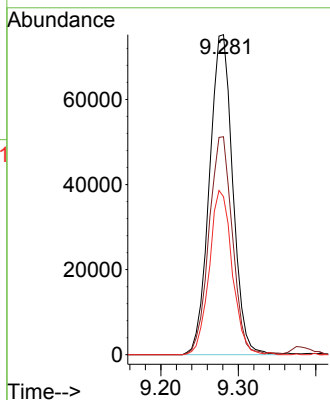
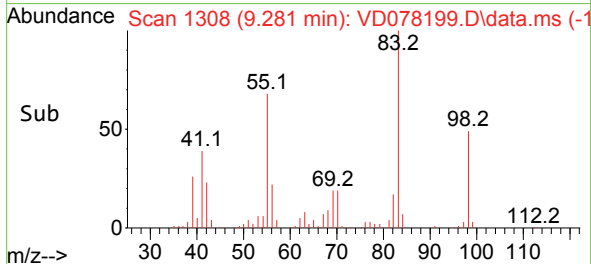


#39
Methylcyclohexane
Concen: 47.175 ug/l
RT: 9.281 min Scan# 11308
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :

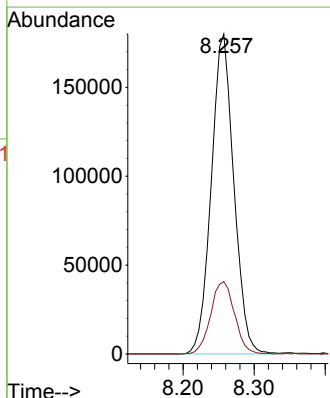
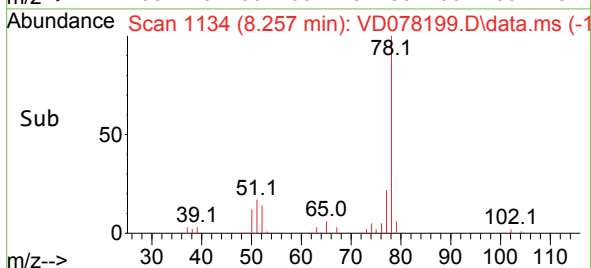
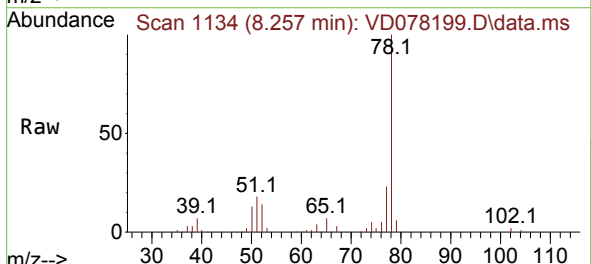


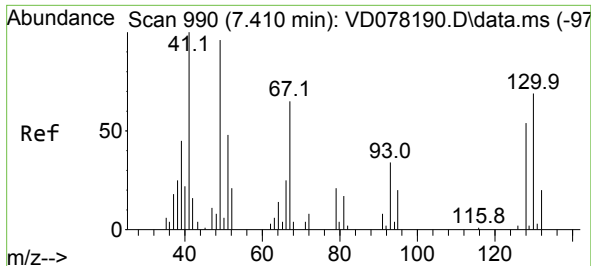
Tgt Ion: 83 Resp: 157171
Ion Ratio Lower Upper
83 100
55 68.1 49.4 74.0
98 49.4 38.4 57.6



#40
Benzene
Concen: 49.569 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 78 Resp: 396285
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0

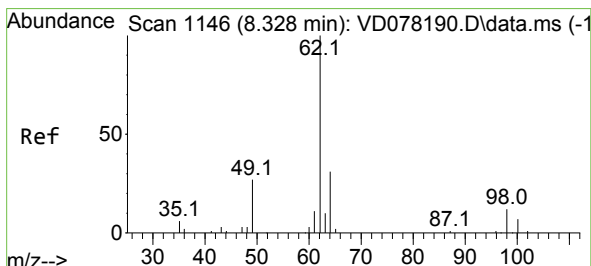
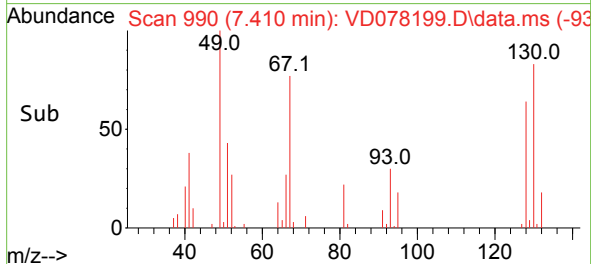
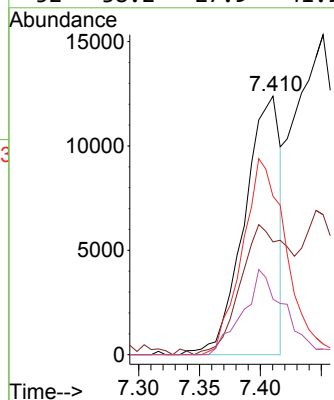
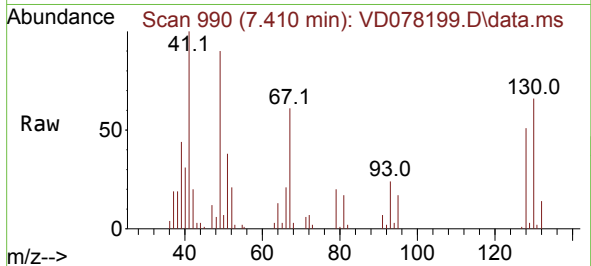




#41
Methacrylonitrile
Concen: 44.095 ug/l
RT: 7.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

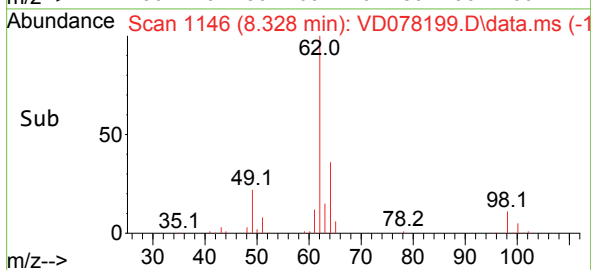
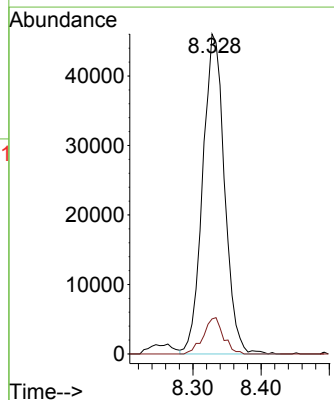
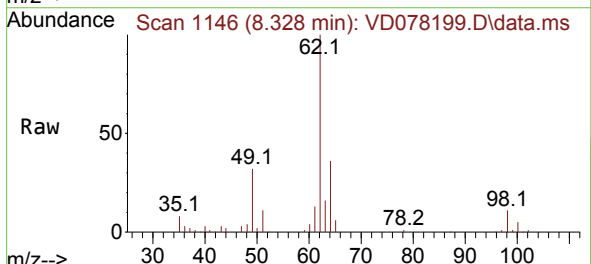
Instrument :
MSVOA_D
ClientSampleId :

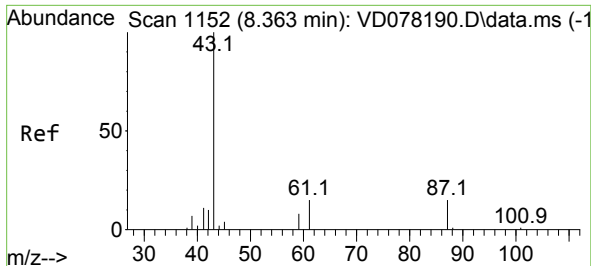
Tgt Ion: 41 Resp: 25393
Ion Ratio Lower Upper
41 100
39 67.6 34.0 51.0#
67 92.7 77.0 115.4
52 38.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.300 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 62 Resp: 102548
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

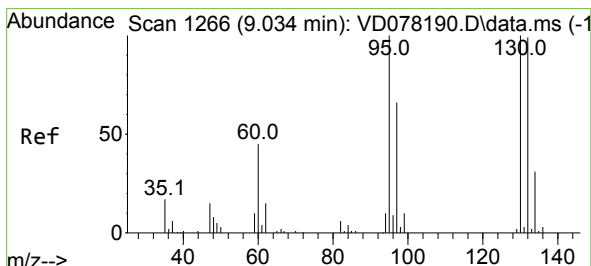
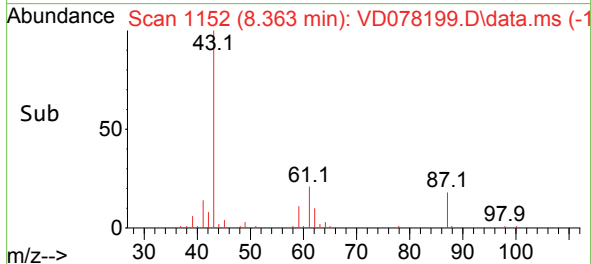
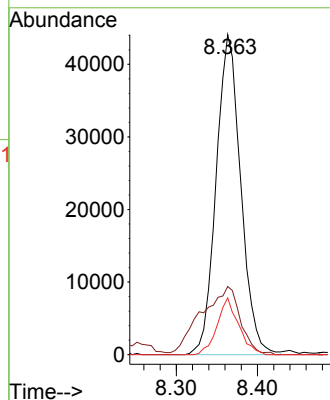
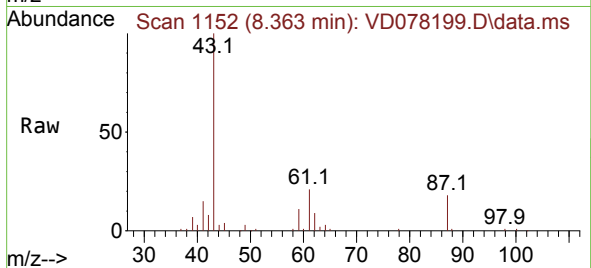




#43
Isopropyl Acetate
Concen: 48.417 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

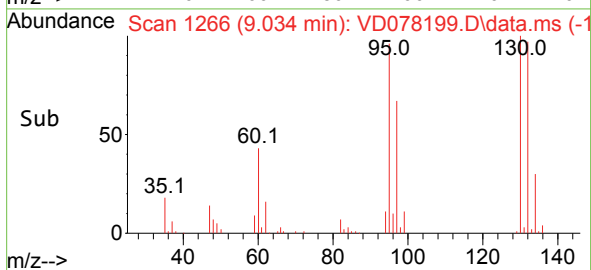
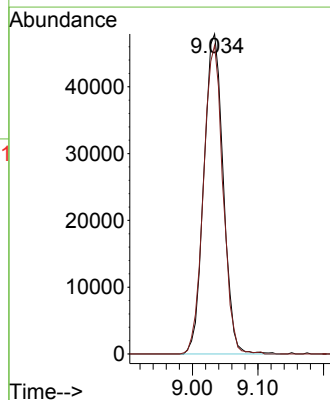
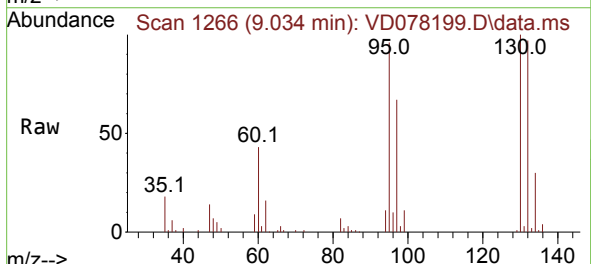
Instrument :
MSVOA_D
ClientSampleId :

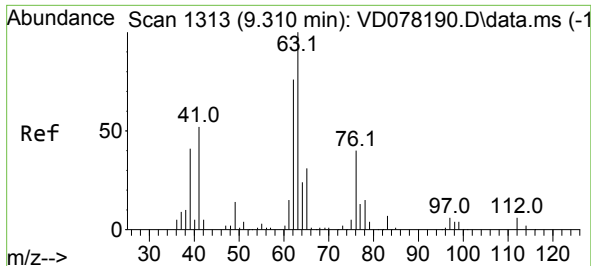
Tgt Ion: 43 Resp: 93030
Ion Ratio Lower Upper
43 100
61 33.5 31.4 47.0
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 48.157 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:130 Resp: 98496
Ion Ratio Lower Upper
130 100
95 96.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.783 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

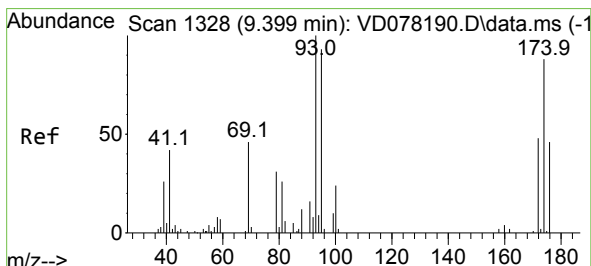
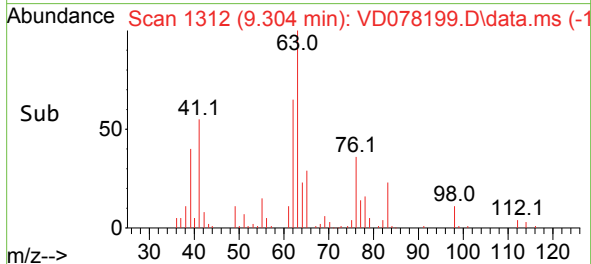
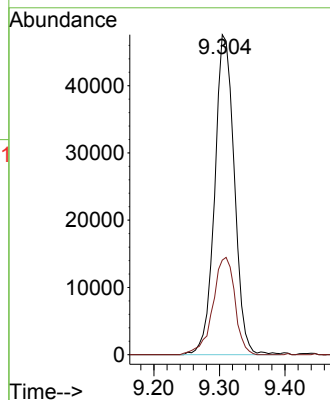
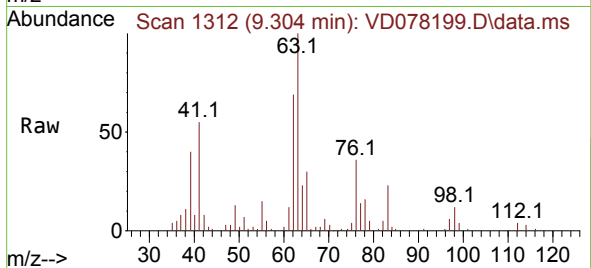
ClientSampleId :

Tgt Ion: 63 Resp: 98759

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 49.396 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

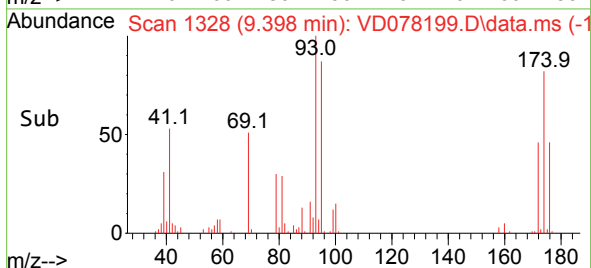
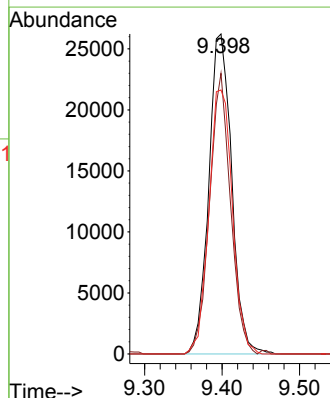
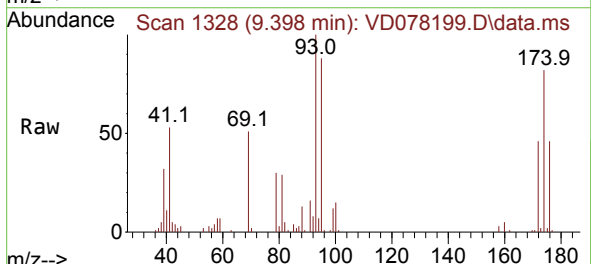
Tgt Ion: 93 Resp: 53814

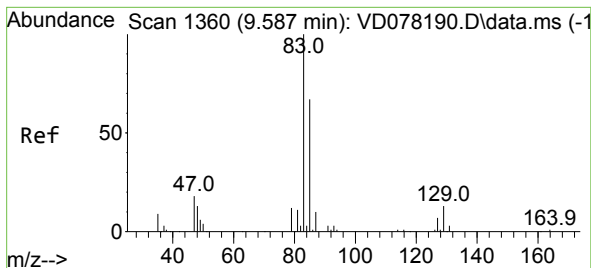
Ion Ratio Lower Upper

93 100

95 79.8 67.7 101.5

174 84.9 85.4 128.2#





#47

Bromodichloromethane

Concen: 48.709 ug/l

RT: 9.587 min Scan# 1

Delta R.T. -0.000 min

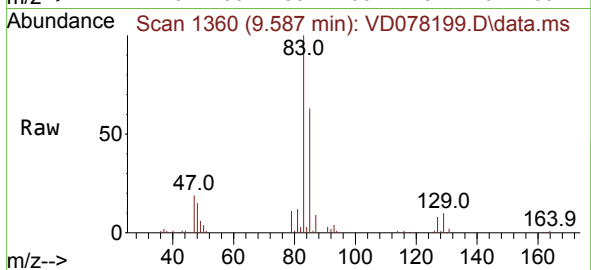
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



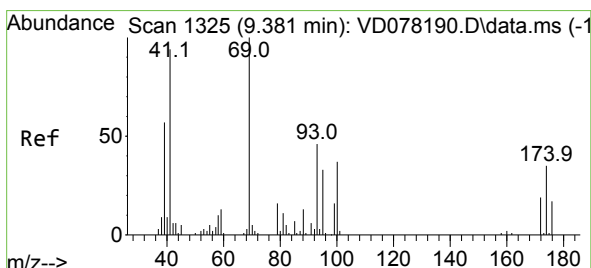
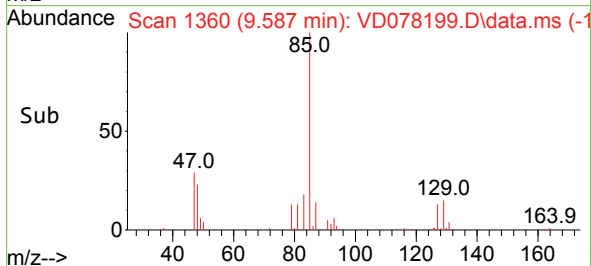
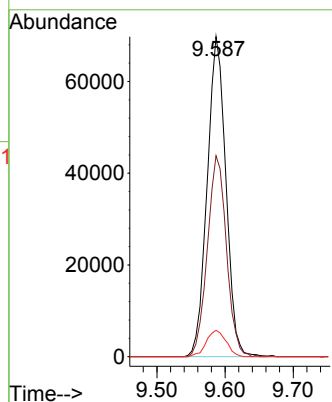
Tgt Ion: 83 Resp: 133300

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

127 8.3 6.3 9.5



#48

Methyl methacrylate

Concen: 51.043 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

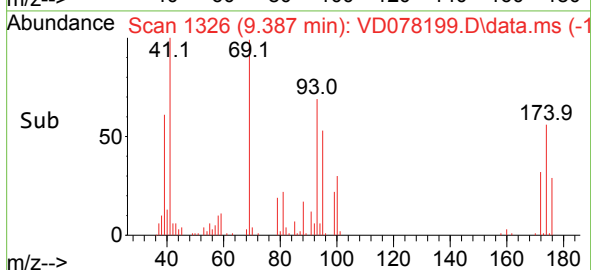
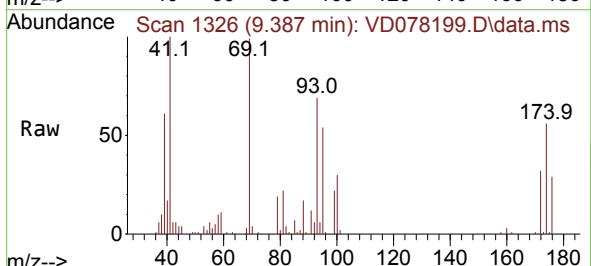
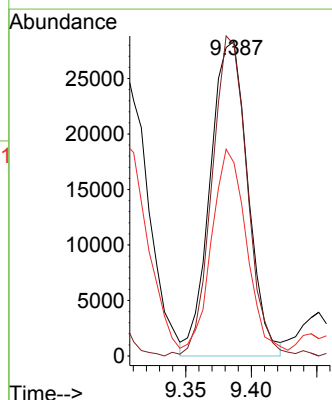
Tgt Ion: 41 Resp: 56781

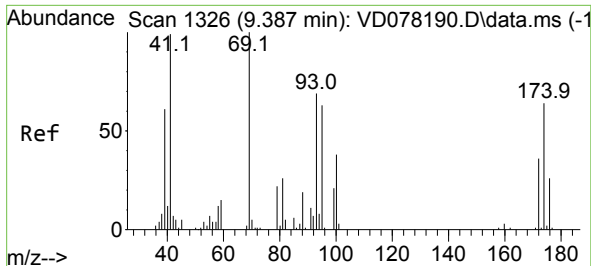
Ion Ratio Lower Upper

41 100

69 94.5 102.2 153.2#

39 58.0 41.4 62.2





#49

1,4-Dioxane

Concen: 957.261 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

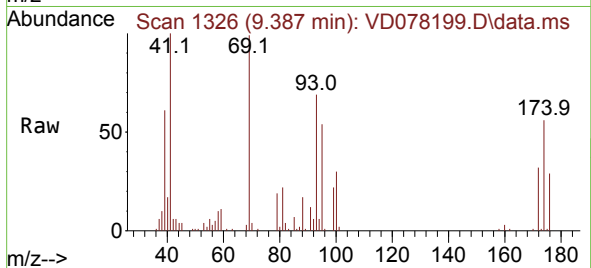
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



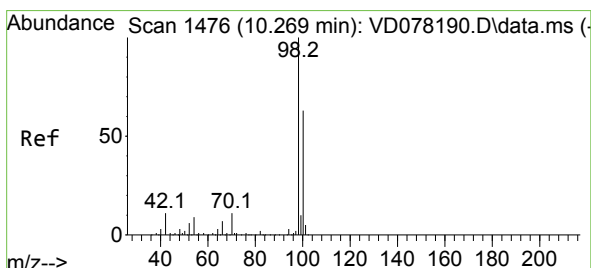
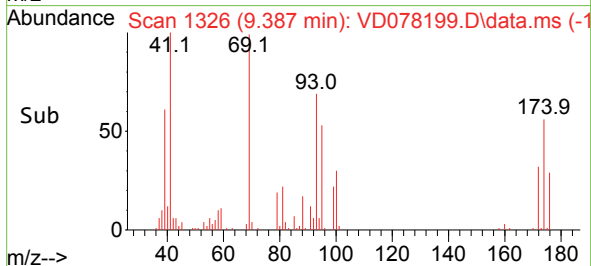
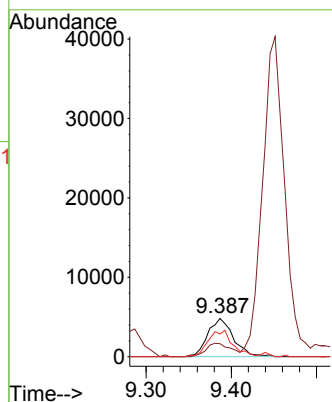
Tgt Ion: 88 Resp: 10091

Ion Ratio Lower Upper

88 100

43 34.0 19.0 28.6#

58 66.0 43.5 65.3#



#50

Toluene-d8

Concen: 47.863 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078199.D

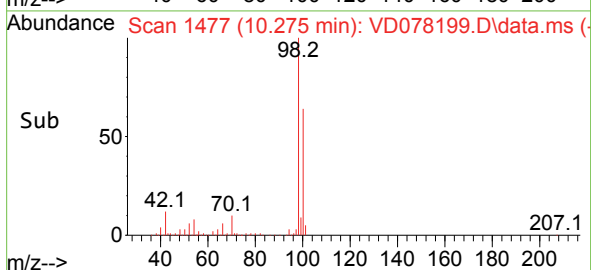
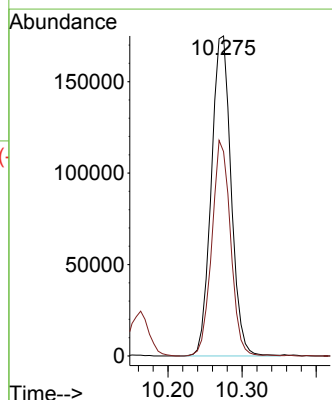
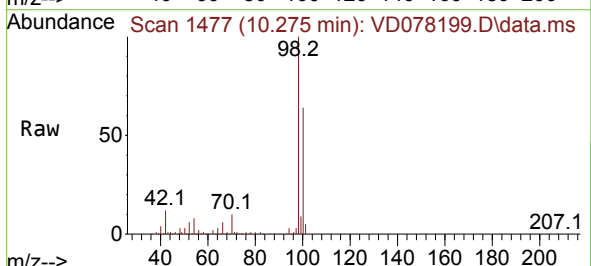
Acq: 22 Jan 2024 19:05

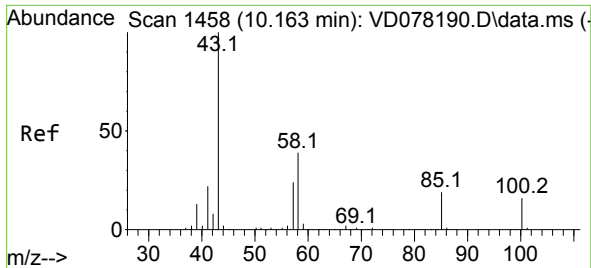
Tgt Ion: 98 Resp: 324674

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

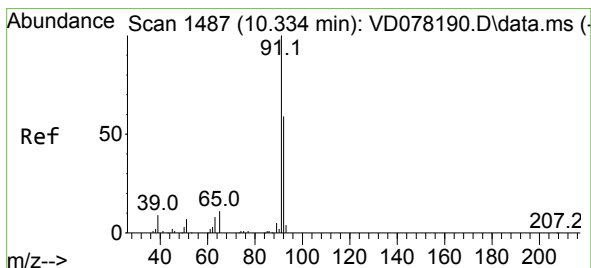
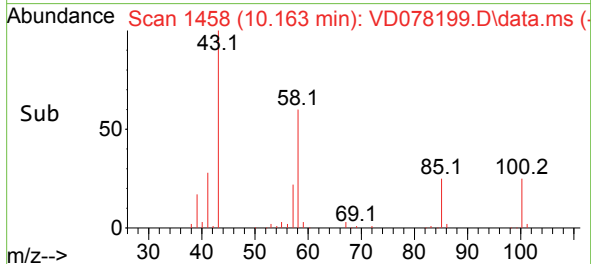
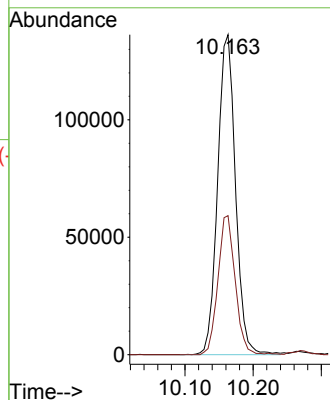
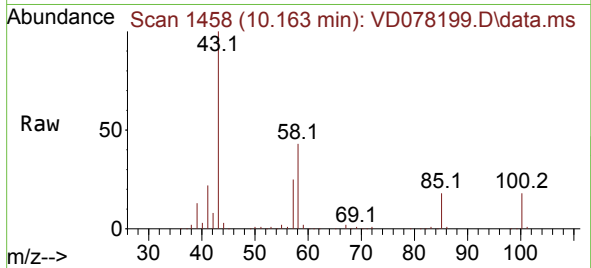




#51
4-Methyl-2-Pentanone
Concen: 245.725 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

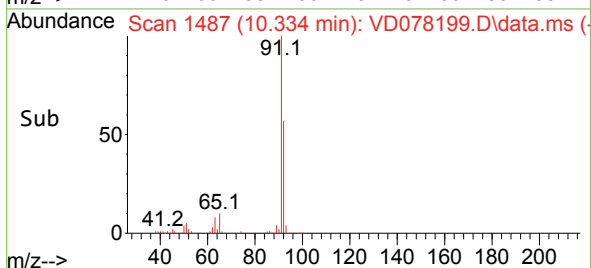
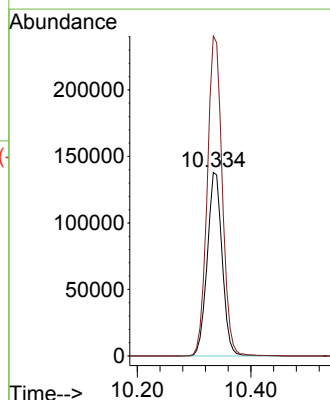
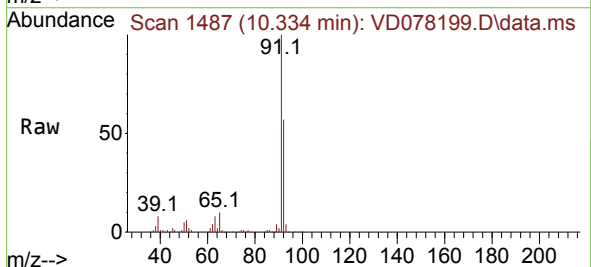
Instrument :
MSVOA_D
ClientSampleId :

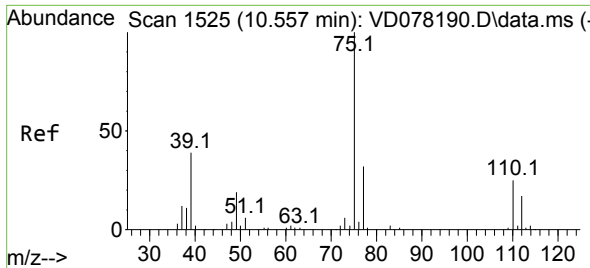
Tgt Ion: 43 Resp: 248103
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 49.358 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 92 Resp: 250123
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

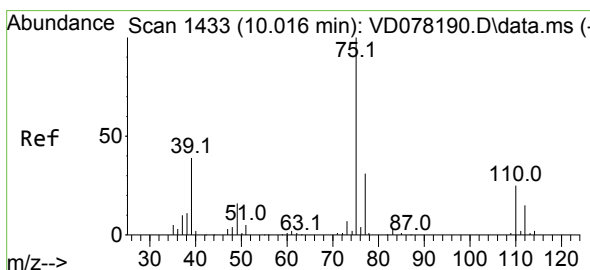
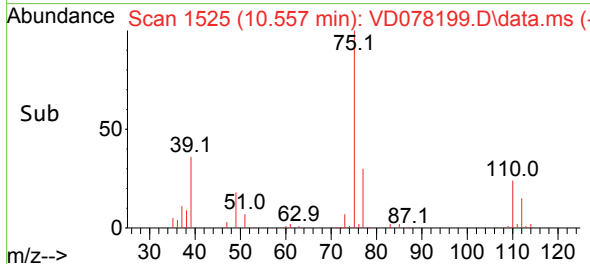
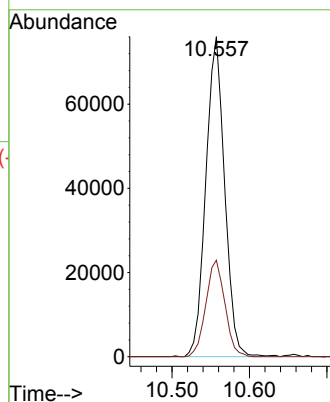
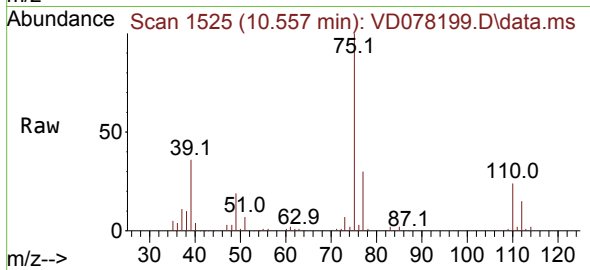




#53
t-1,3-Dichloropropene
Concen: 50.672 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

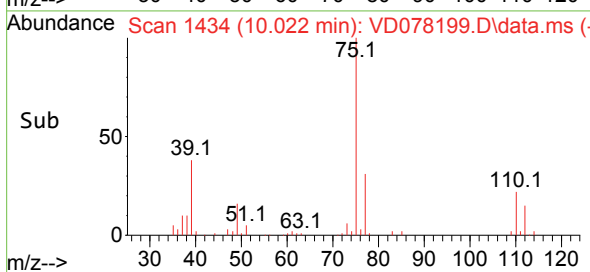
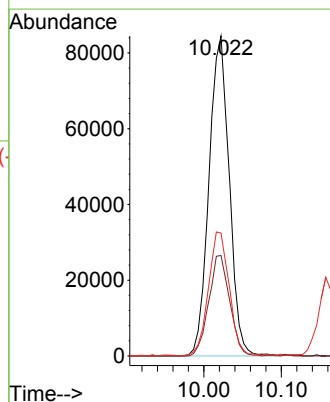
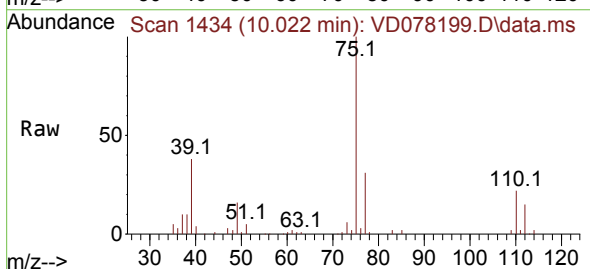
Instrument :
MSVOA_D
ClientSampleId :

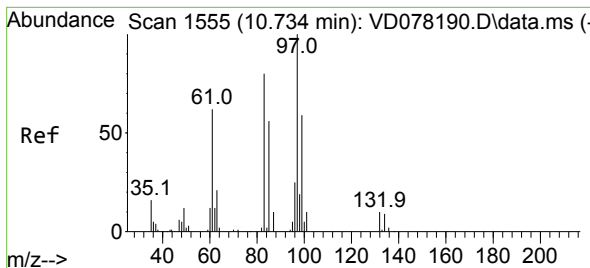
Tgt Ion: 75 Resp: 127933
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.745 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 75 Resp: 153586
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 38.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 49.580 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

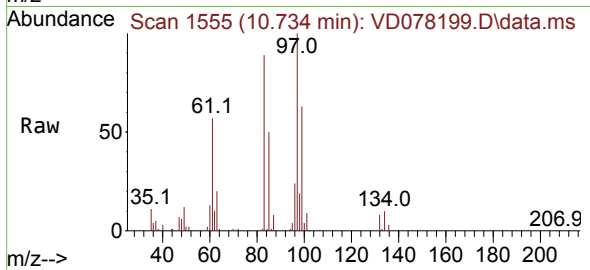
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 72276

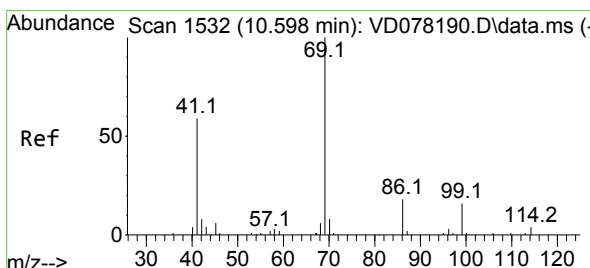
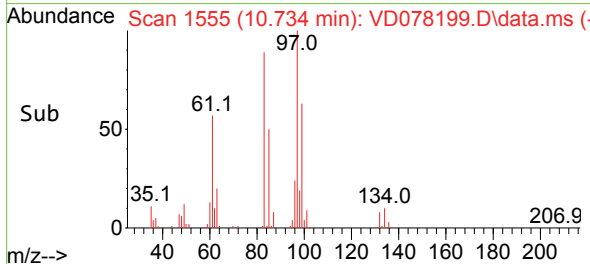
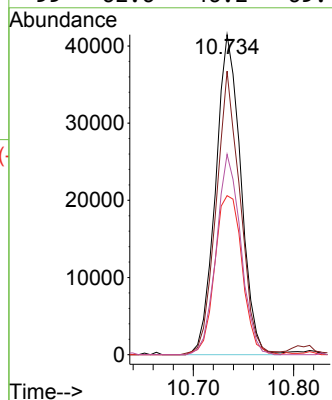
Ion Ratio Lower Upper

97 100

83 88.6 65.8 98.6

85 49.7 45.7 68.5

99 62.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 52.308 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

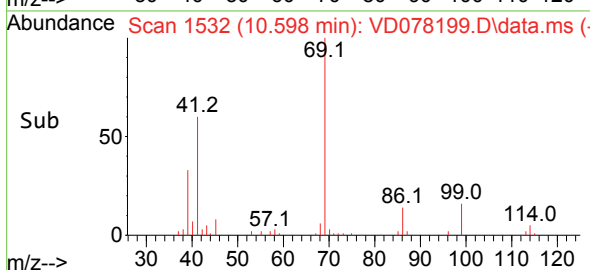
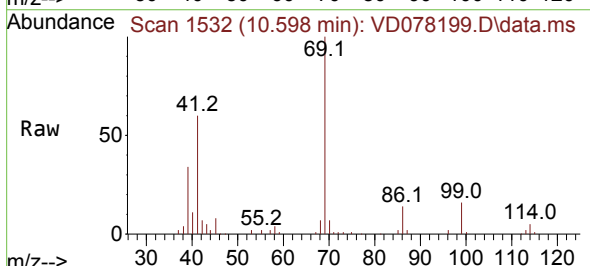
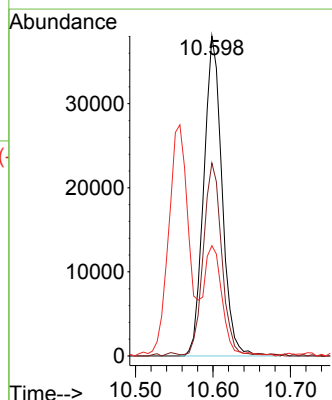
Tgt Ion: 69 Resp: 62421

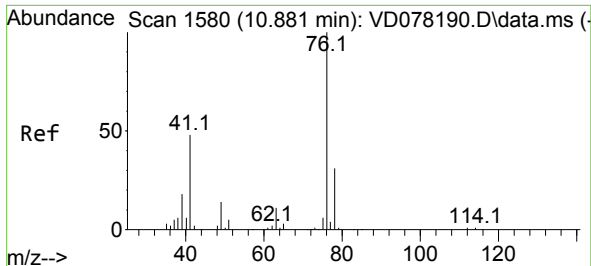
Ion Ratio Lower Upper

69 100

41 59.4 39.1 58.7#

39 34.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 48.566 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

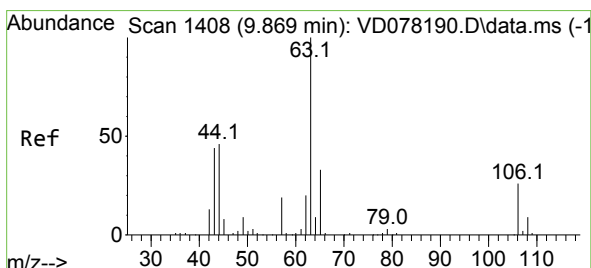
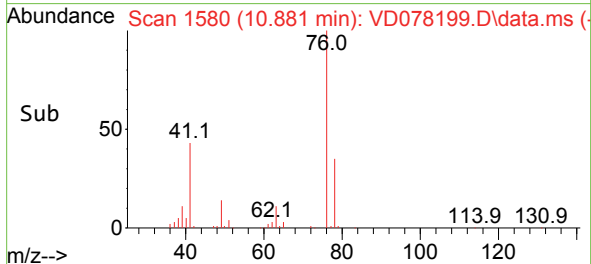
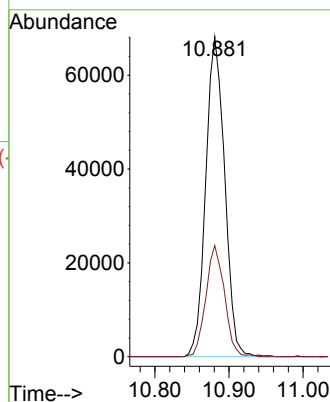
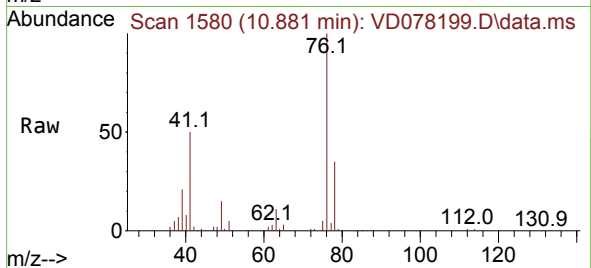
ClientSampleId :

Tgt Ion: 76 Resp: 121076

Ion Ratio Lower Upper

76 100

78 34.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 231.104 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078199.D

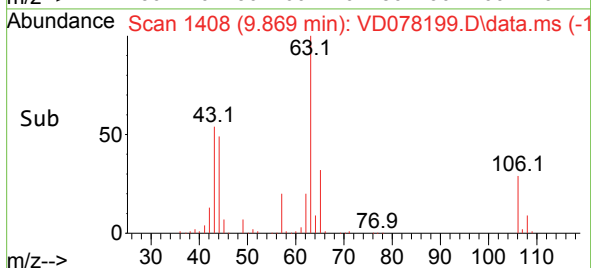
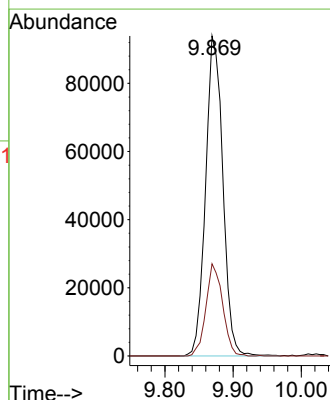
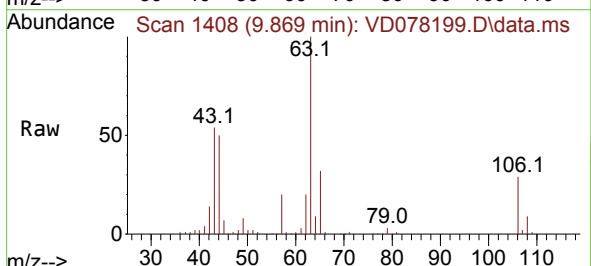
Acq: 22 Jan 2024 19:05

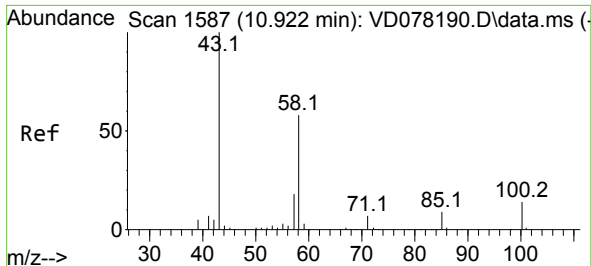
Tgt Ion: 63 Resp: 165269

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

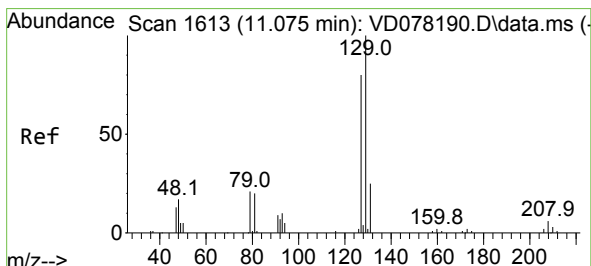
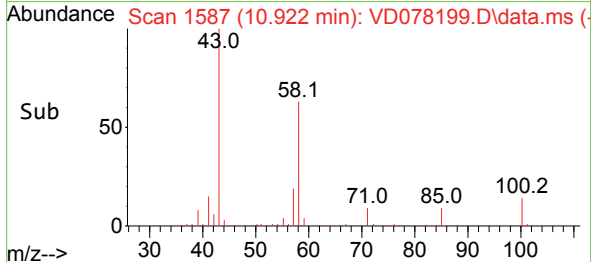
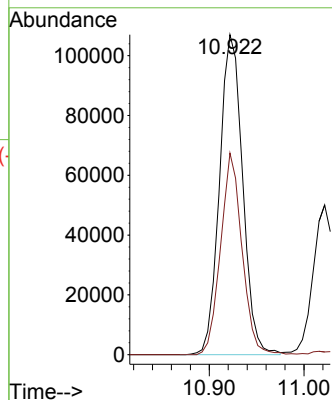
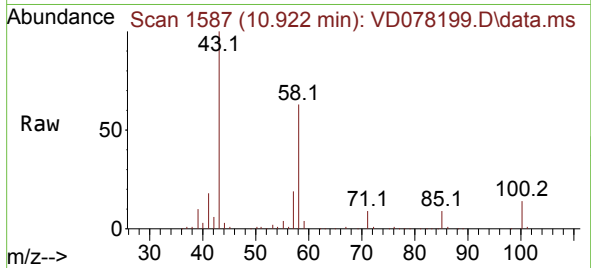




#59
2-Hexanone
Concen: 221.217 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

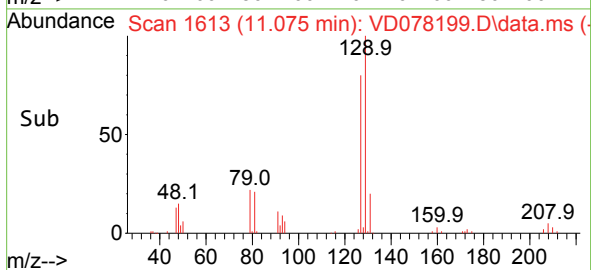
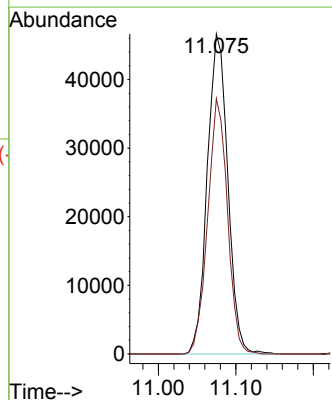
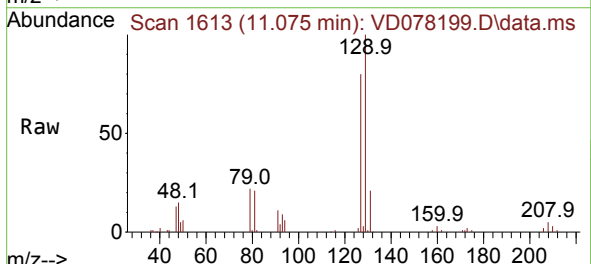
Instrument :
MSVOA_D
ClientSampleId :

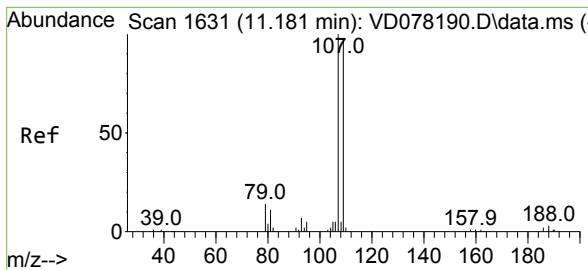
Tgt Ion: 43 Resp: 181505
Ion Ratio Lower Upper
43 100
58 58.5 34.1 102.2



#60
Dibromochloromethane
Concen: 49.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:129 Resp: 85789
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

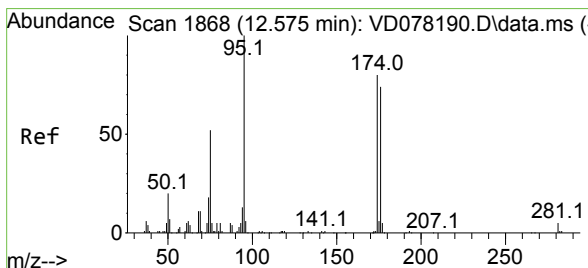
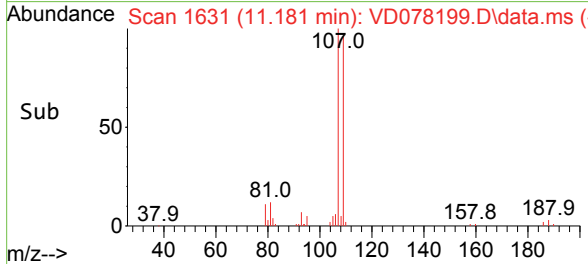
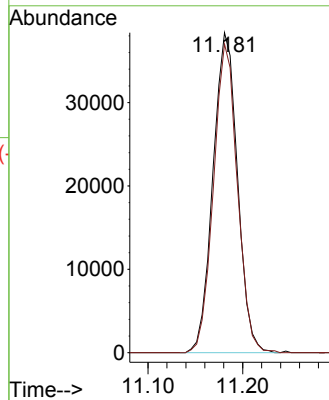
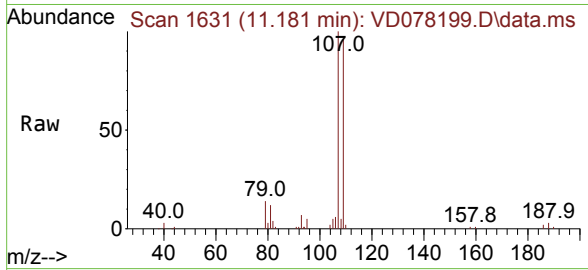




#61
1,2-Dibromoethane
Concen: 51.220 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

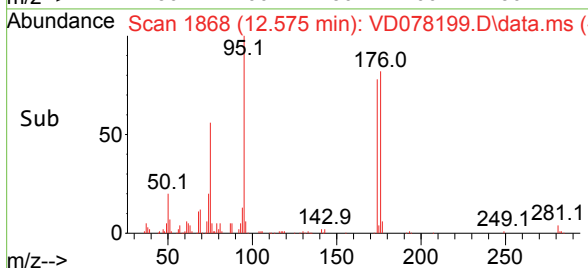
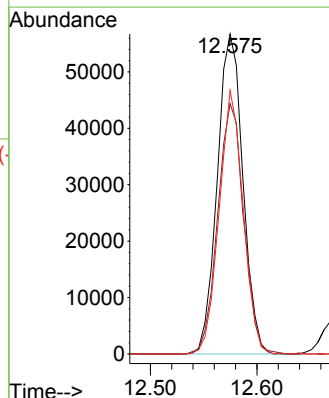
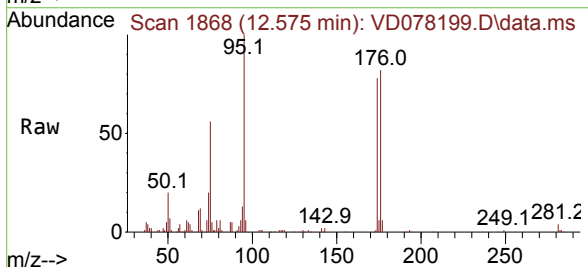
Instrument :
MSVOA_D
ClientSampleId :

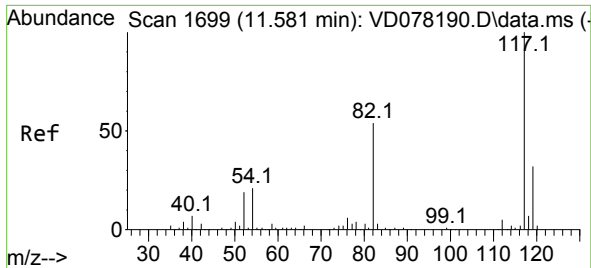
Tgt Ion:107 Resp: 68827
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 95 Resp: 94529
Ion Ratio Lower Upper
95 100
174 79.3 0.0 201.8
176 77.1 0.0 191.8

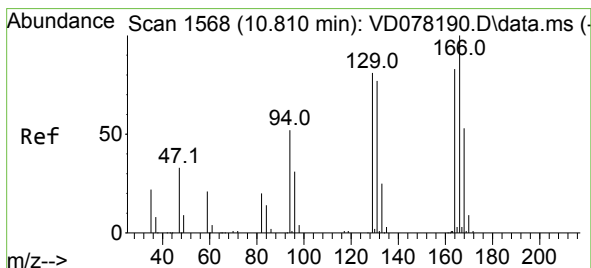
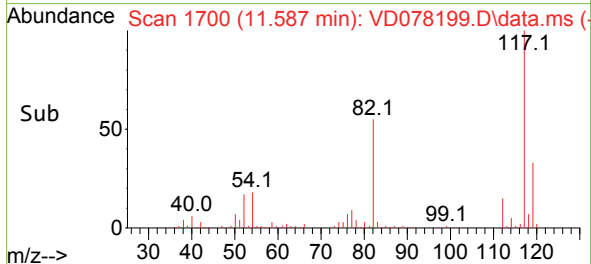
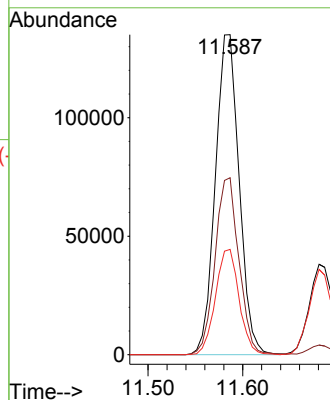
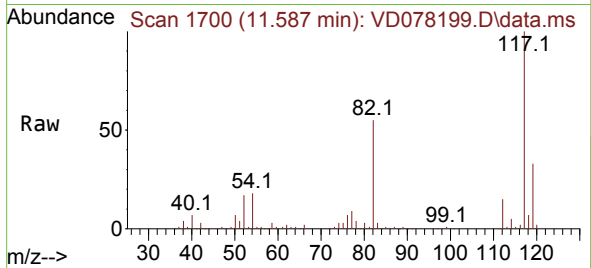




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

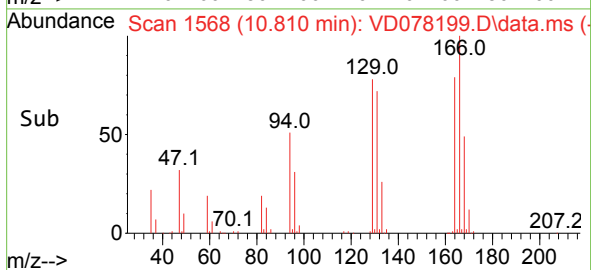
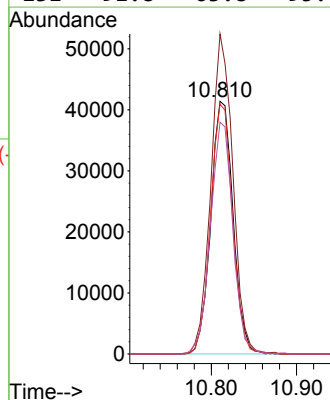
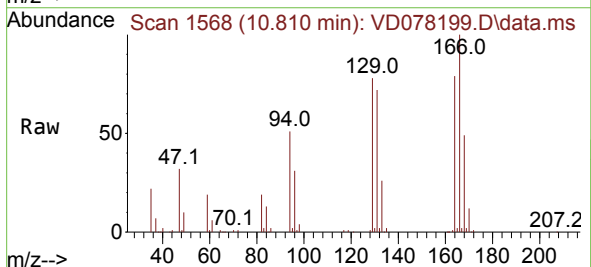
Instrument :
MSVOA_D
ClientSampleId :

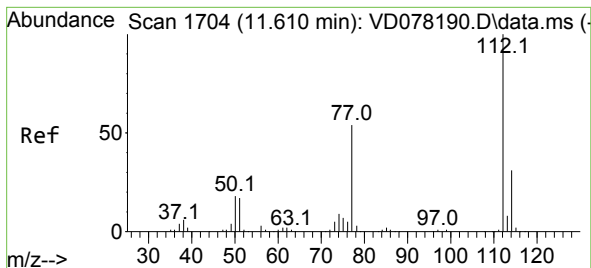
Tgt Ion:117 Resp: 235945
Ion Ratio Lower Upper
117 100
82 55.3 38.3 57.5
119 32.9 25.0 37.4



#64
Tetrachloroethene
Concen: 48.666 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:164 Resp: 75079
Ion Ratio Lower Upper
164 100
166 126.7 99.2 148.8
129 98.9 68.4 102.6
131 91.8 63.8 95.8





#65

Chlorobenzene

Concen: 49.328 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

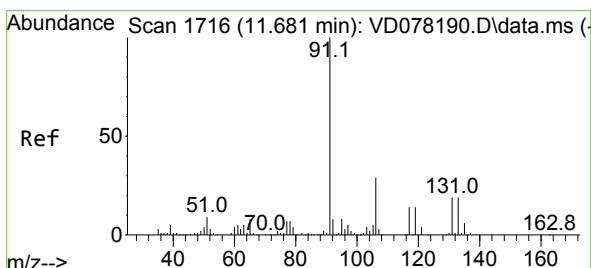
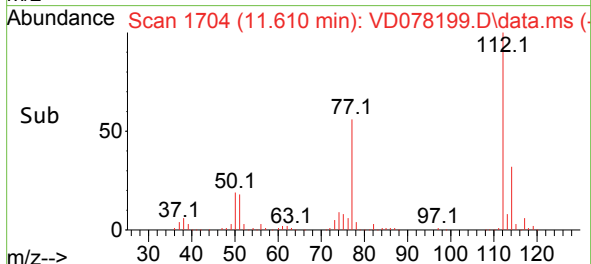
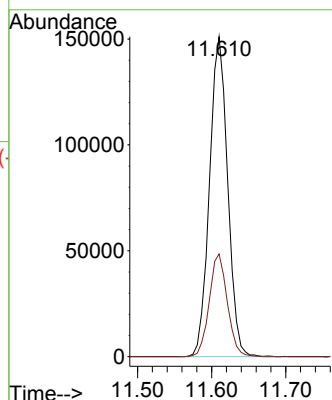
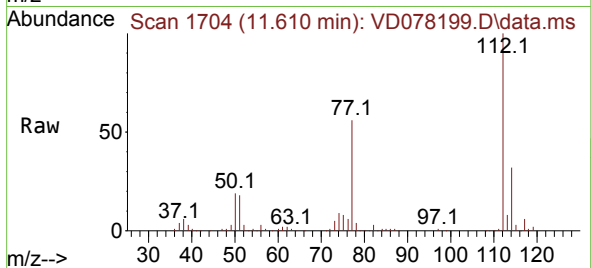
ClientSampleId :

Tgt Ion:112 Resp: 257108

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.066 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

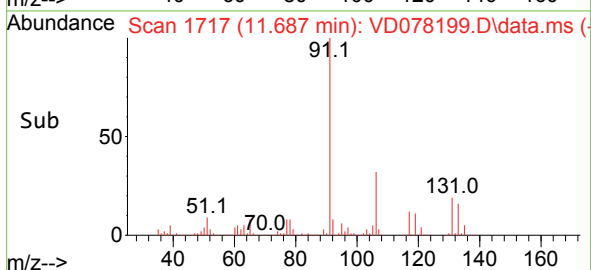
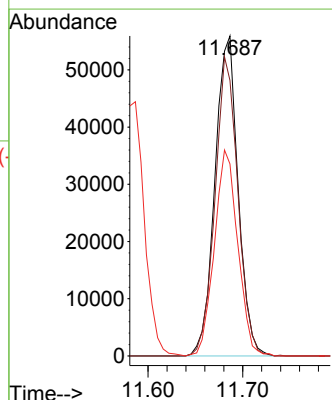
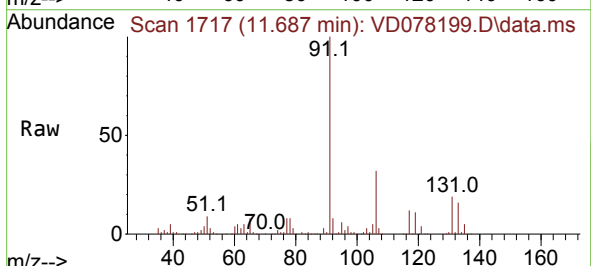
Tgt Ion:131 Resp: 95117

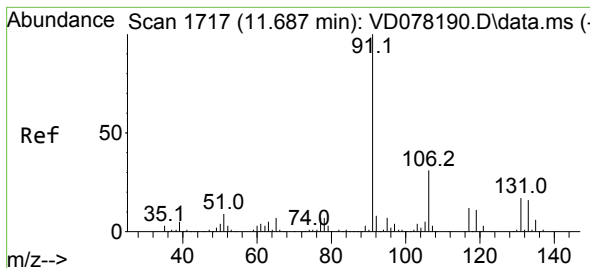
Ion Ratio Lower Upper

131 100

133 92.4 48.5 145.5

119 65.1 35.6 106.9





#67

Ethyl Benzene

Concen: 50.390 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

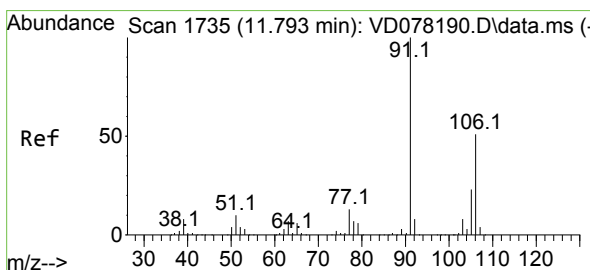
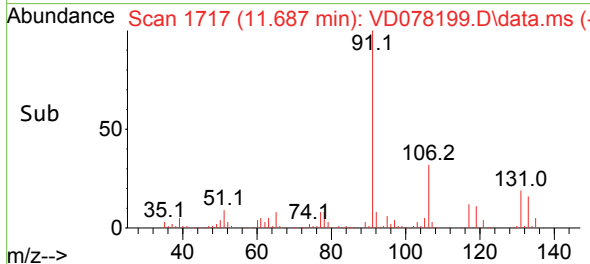
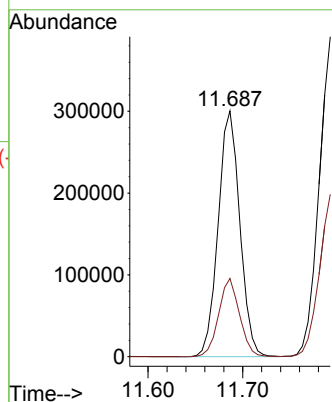
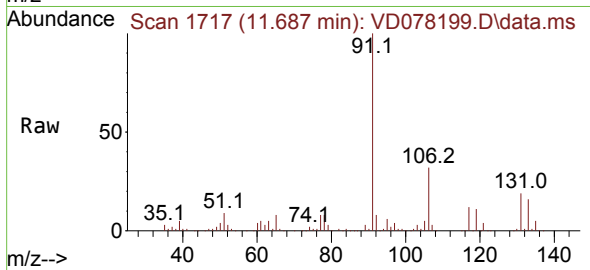
ClientSampleId :

Tgt Ion: 91 Resp: 477944

Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 101.129 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078199.D

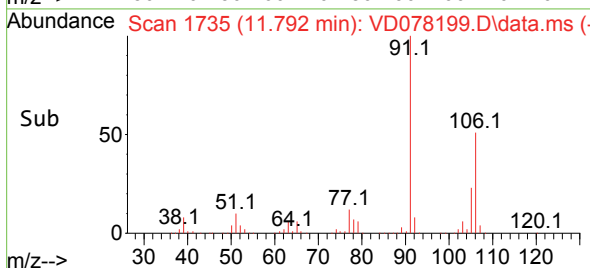
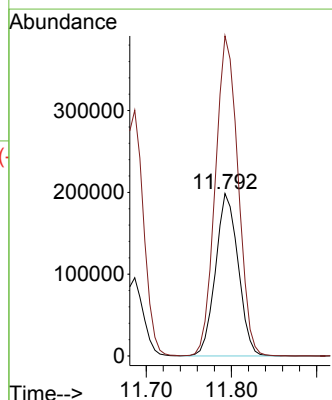
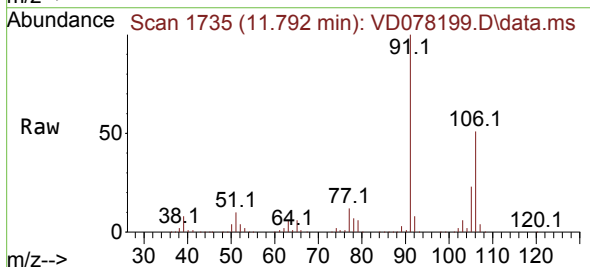
Acq: 22 Jan 2024 19:05

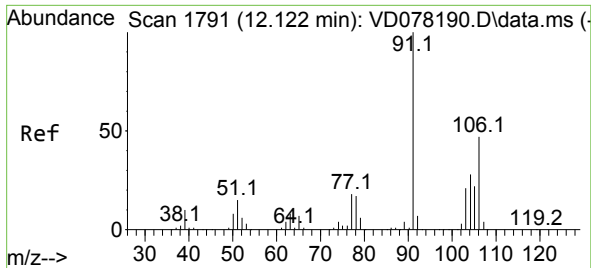
Tgt Ion:106 Resp: 366343

Ion Ratio Lower Upper

106 100

91 198.2 147.0 220.6

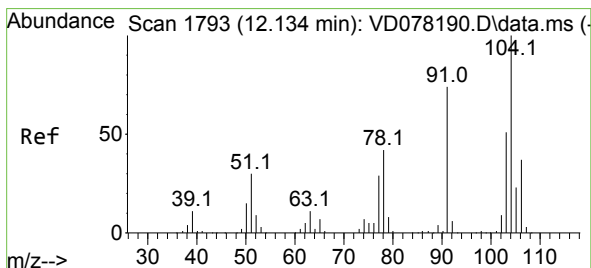
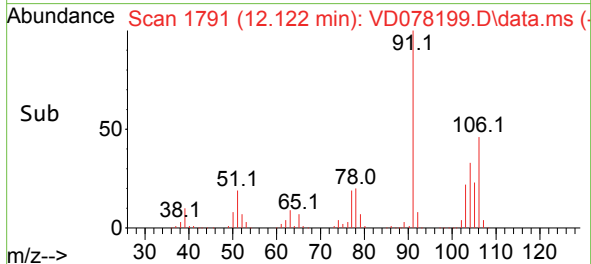
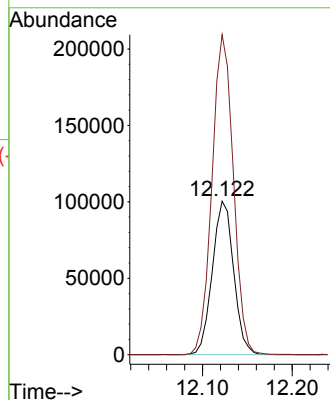
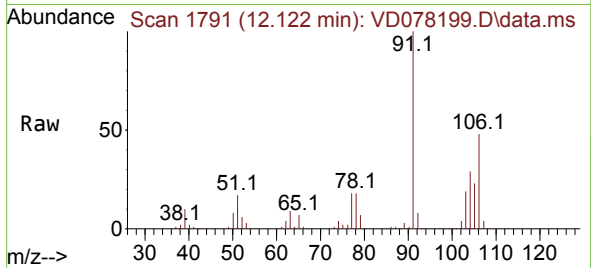




#69
o-Xylene
Concen: 50.438 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

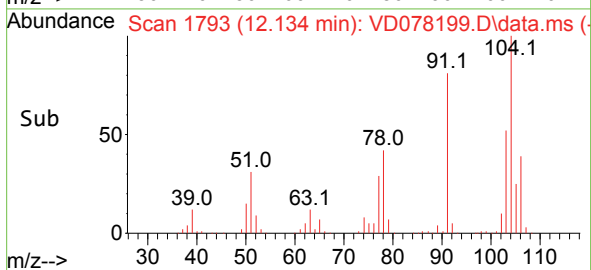
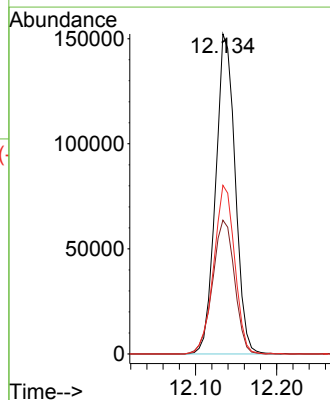
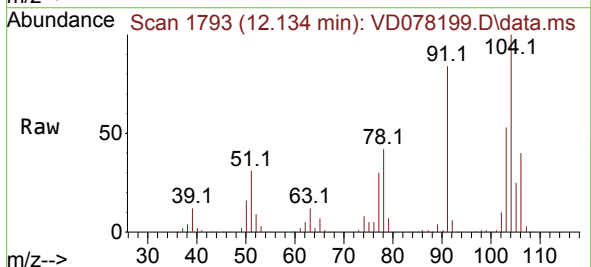
Instrument :
MSVOA_D
ClientSampleId :

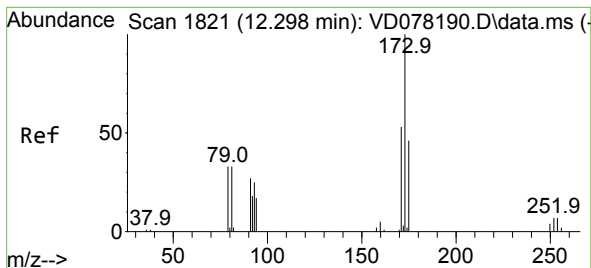
Tgt Ion:106 Resp: 165817
Ion Ratio Lower Upper
106 100
91 209.0 97.9 293.6



#70
Styrene
Concen: 51.730 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:104 Resp: 254842
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 56.4 43.6 65.4





#71

Bromoform

Concen: 49.089 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078199.D

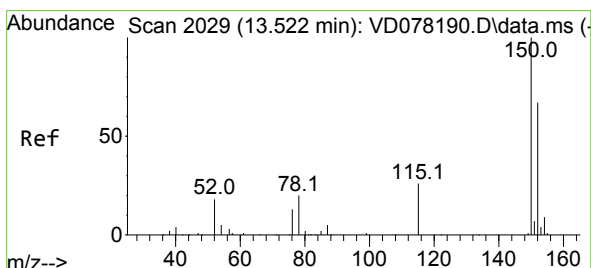
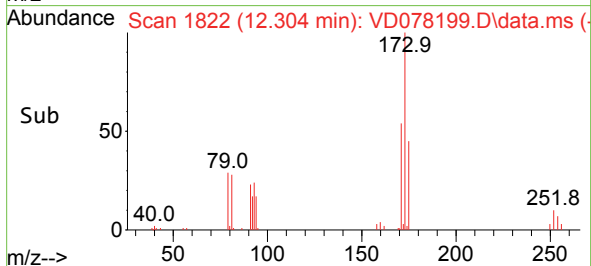
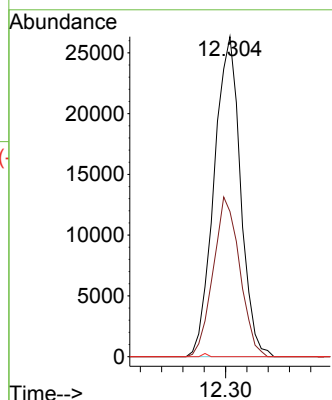
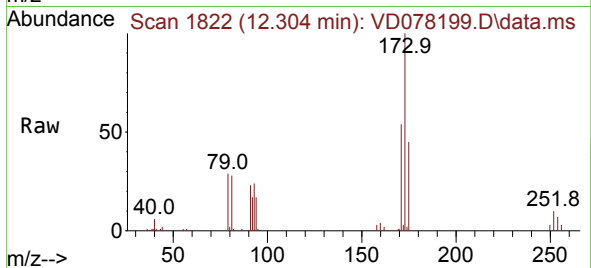
Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173 Resp: 45280
 Ion Ratio Lower Upper
 173 100
 175 50.2 24.6 73.8
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

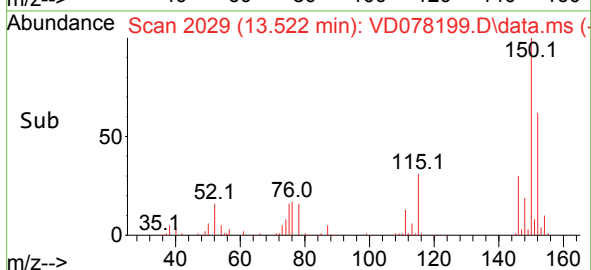
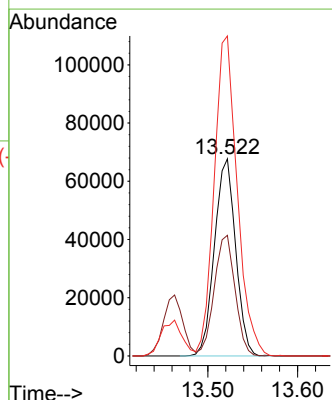
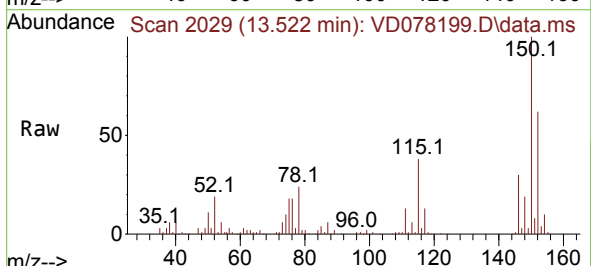
RT: 13.522 min Scan# 2029

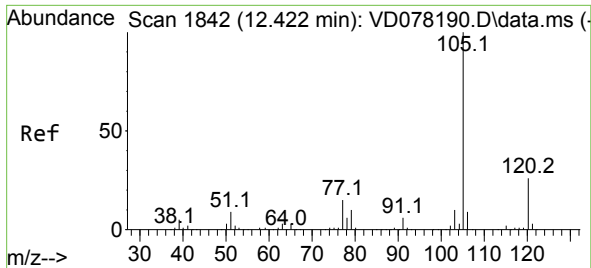
Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Tgt Ion:152 Resp: 110961
 Ion Ratio Lower Upper
 152 100
 115 60.4 27.1 81.3
 150 176.0 0.0 353.6

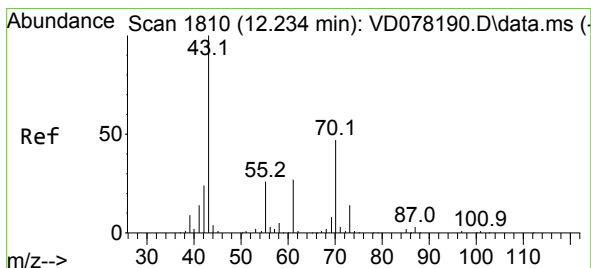
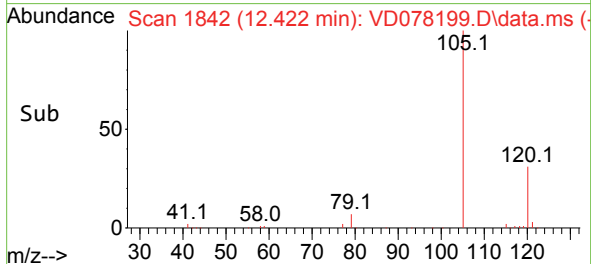
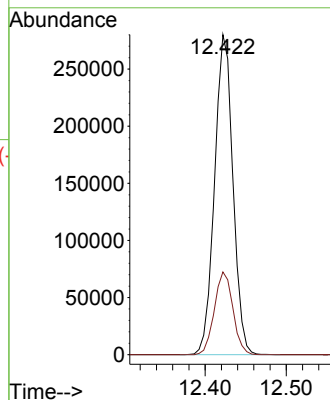
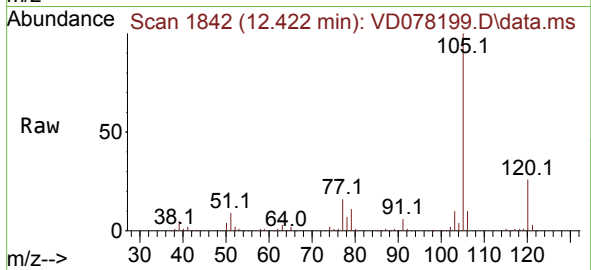




#73
Isopropylbenzene
Concen: 50.408 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

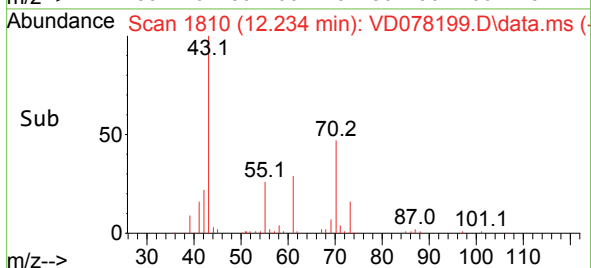
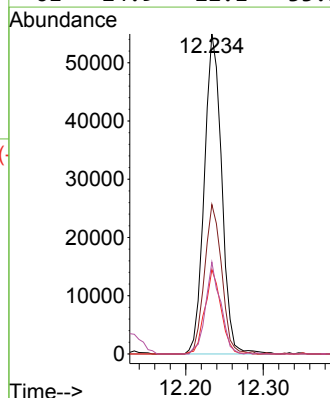
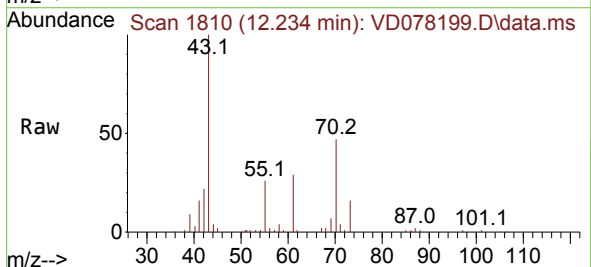
Instrument :
MSVOA_D
ClientSampleId :

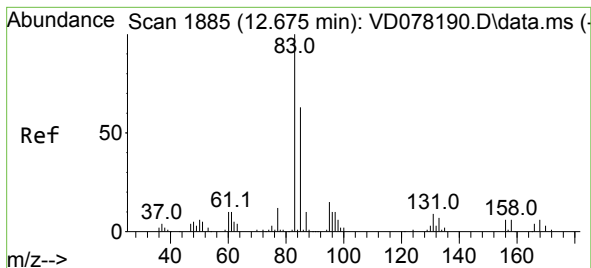
Tgt Ion:105 Resp: 439789
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 51.312 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 43 Resp: 85651
Ion Ratio Lower Upper
43 100
70 46.3 45.0 67.4
55 24.6 23.8 35.6
61 24.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.034 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

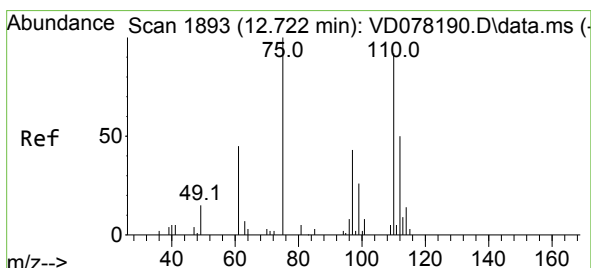
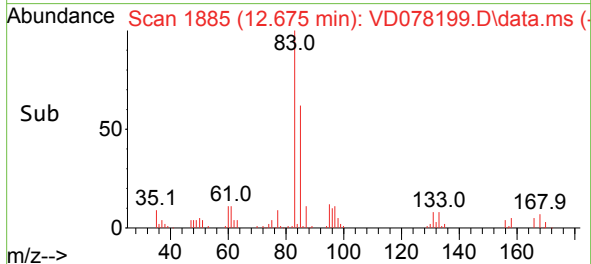
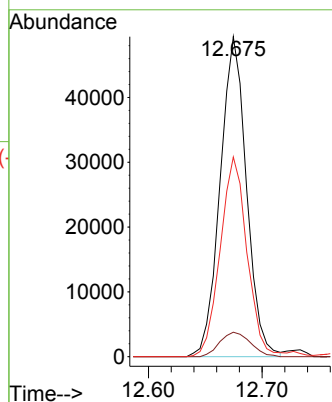
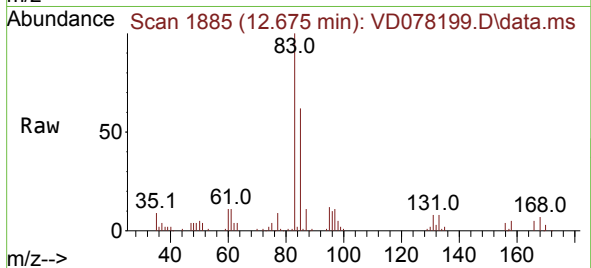
Tgt Ion: 83 Resp: 79603

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 63.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 95.045 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078199.D

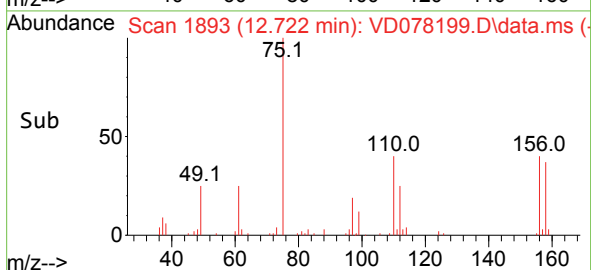
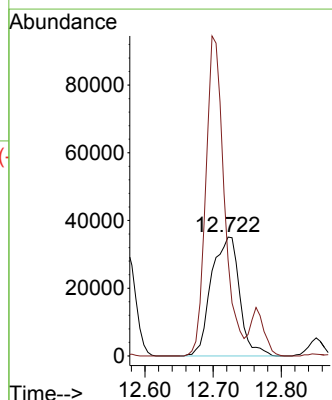
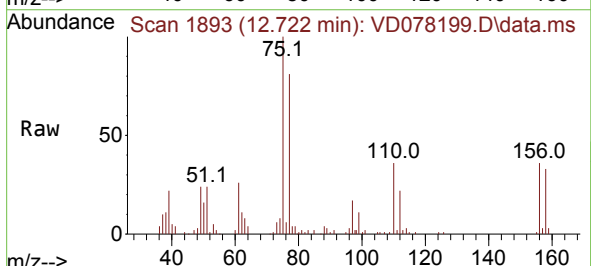
Acq: 22 Jan 2024 19:05

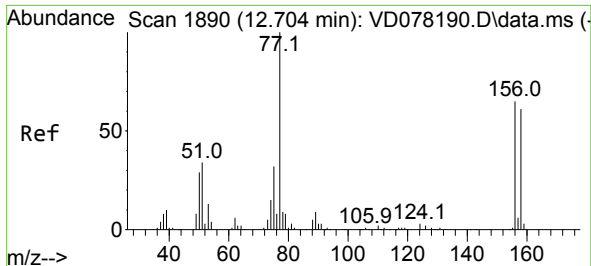
Tgt Ion: 75 Resp: 101152

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

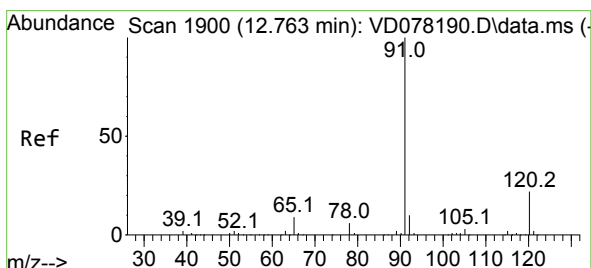
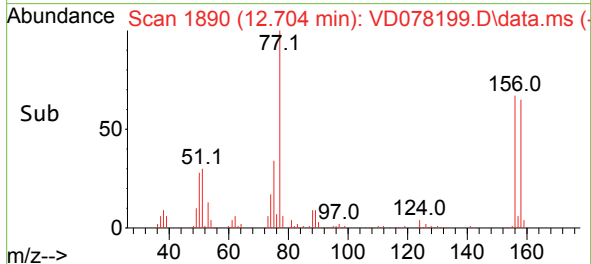
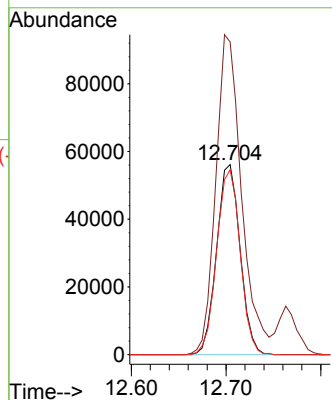
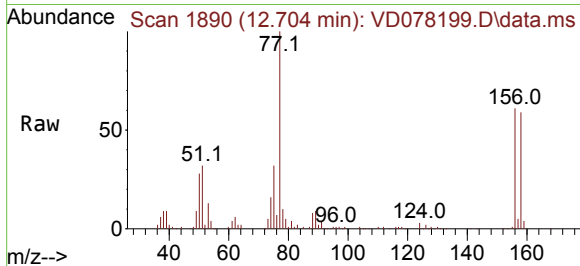




#77
Bromobenzene
Concen: 50.605 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

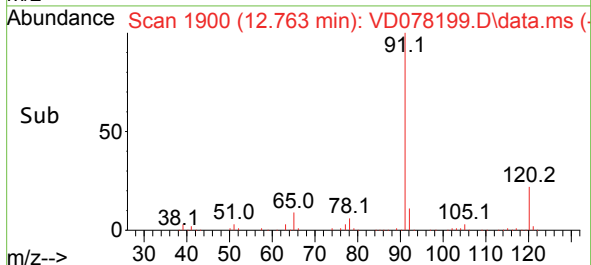
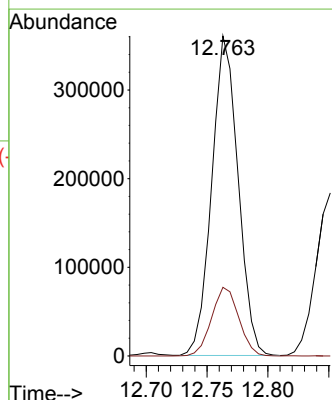
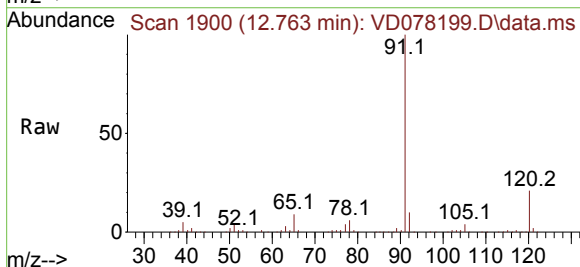
Instrument :
MSVOA_D
ClientSampleId :

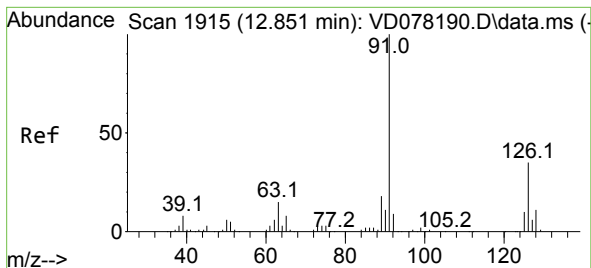
Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.5	76.8	230.4
158	97.1	48.6	145.9



#78
n-propylbenzene
Concen: 50.146 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	12.4	37.2





#79

2-Chlorotoluene

Concen: 50.922 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

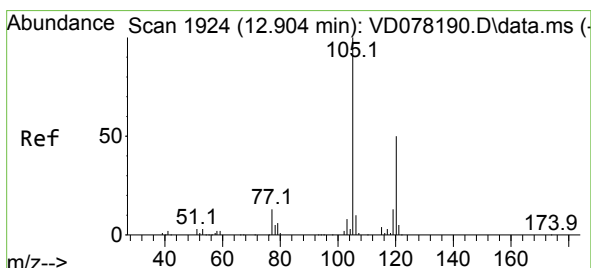
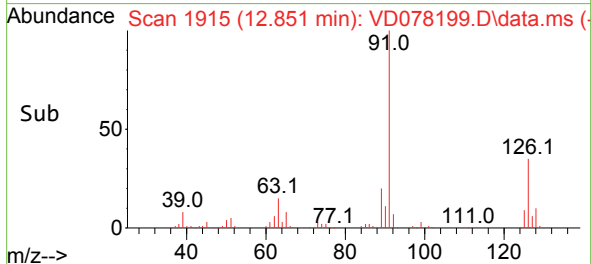
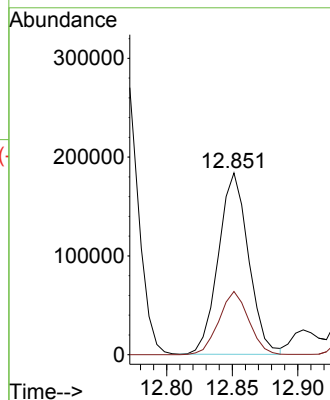
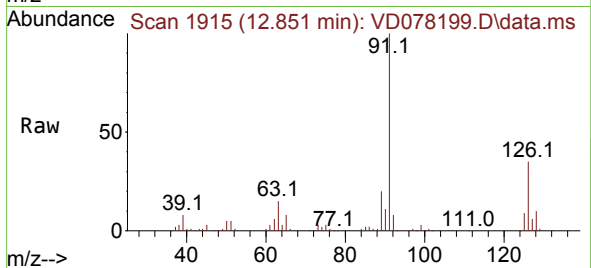
ClientSampleId :

Tgt Ion: 91 Resp: 294050

Ion Ratio Lower Upper

91 100

126 34.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.025 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078199.D

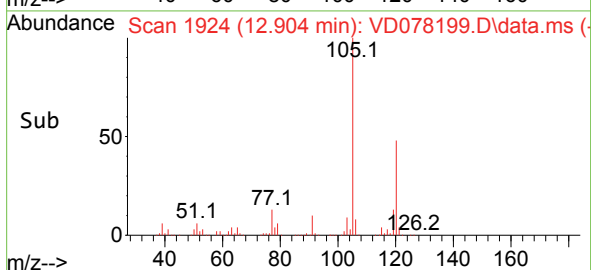
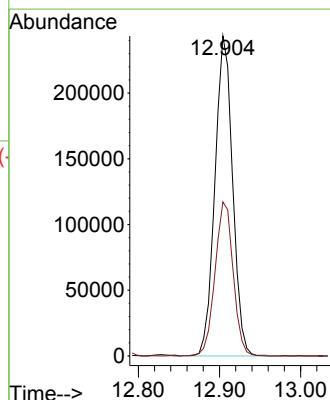
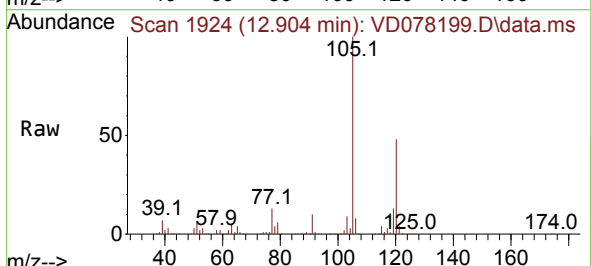
Acq: 22 Jan 2024 19:05

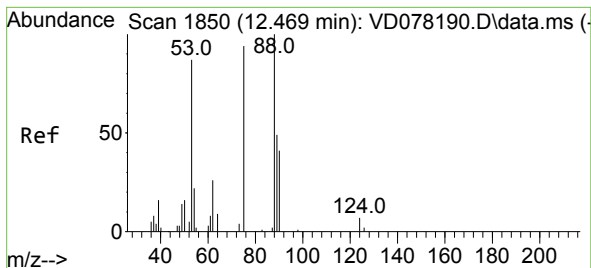
Tgt Ion: 105 Resp: 369125

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

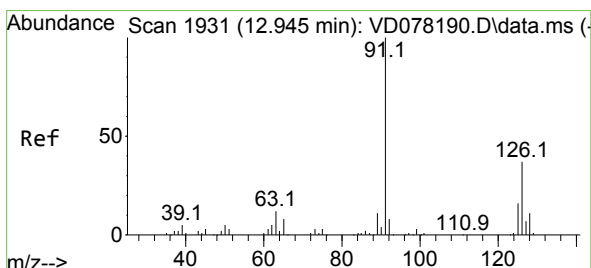
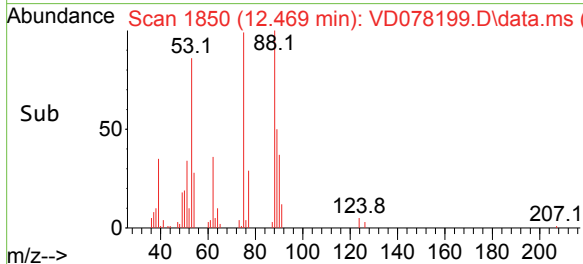
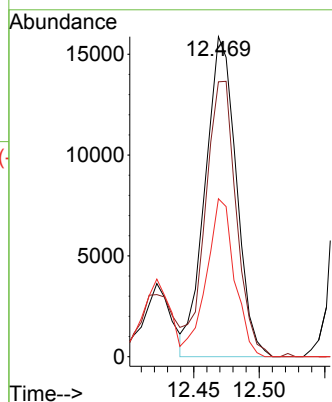
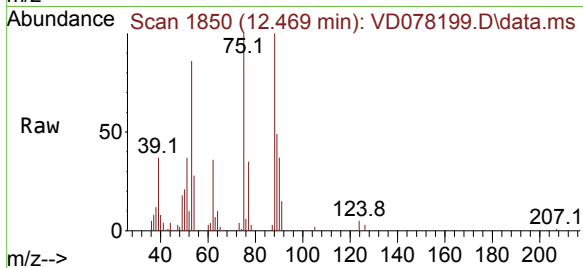




#81
trans-1,4-Dichloro-2-butene
Concen: 52.891 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

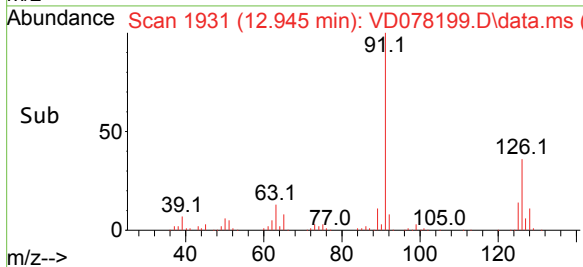
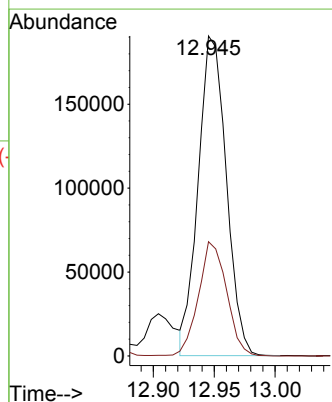
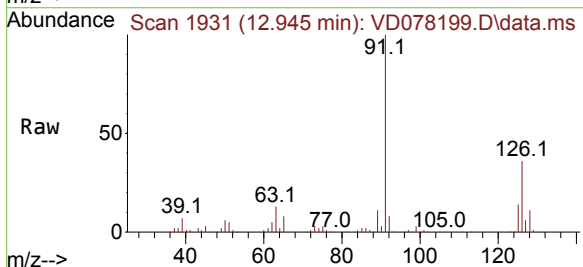
Instrument :
MSVOA_D
ClientSampleId :

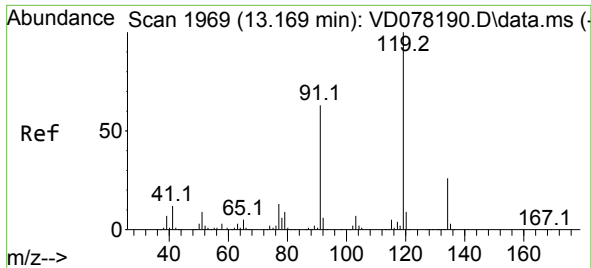
Tgt Ion: 75 Resp: 26132
Ion Ratio Lower Upper
75 100
53 85.7 63.0 94.4
89 44.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.181 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion: 91 Resp: 305458
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4

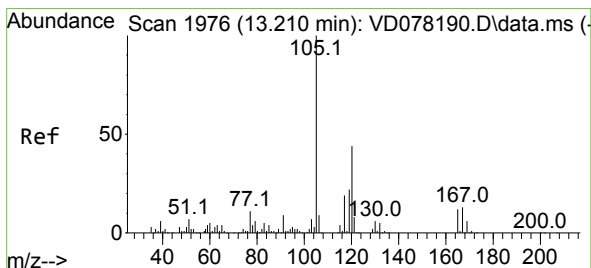
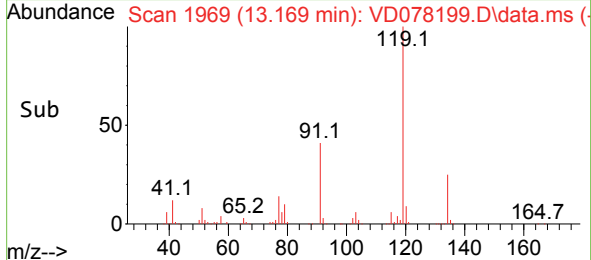
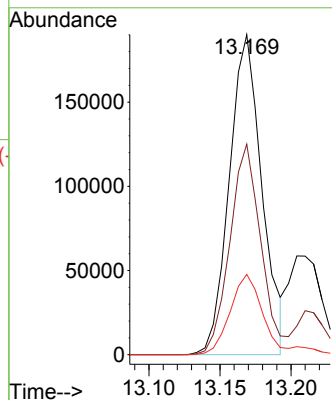
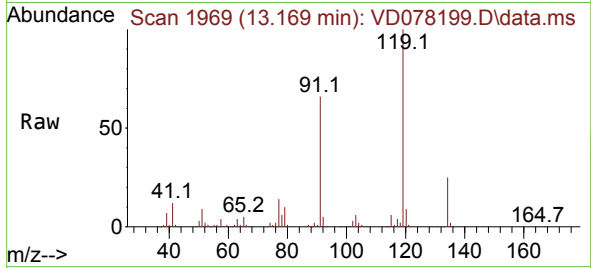




#83
tert-Butylbenzene
Concen: 50.222 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

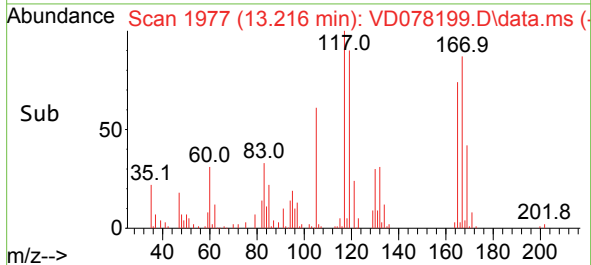
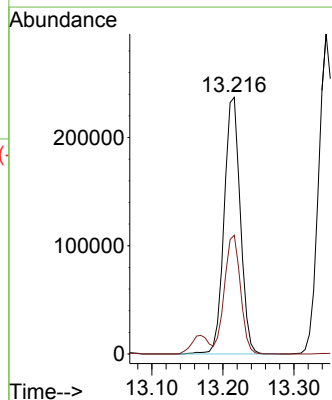
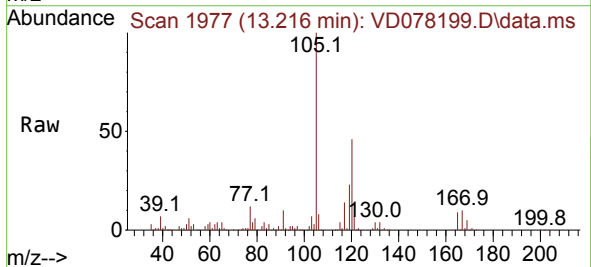
Instrument :
MSVOA_D
ClientSampleId :

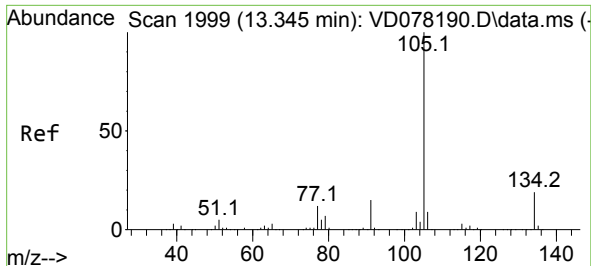
Tgt Ion:119 Resp: 303713
Ion Ratio Lower Upper
119 100
91 63.1 29.3 87.8
134 24.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.103 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:105 Resp: 373887
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

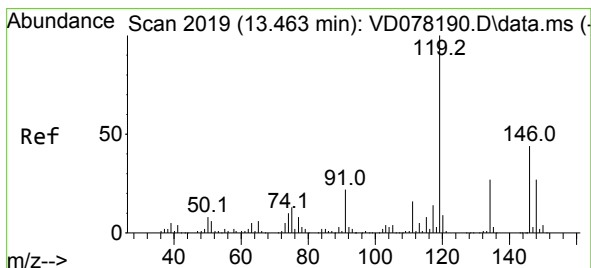
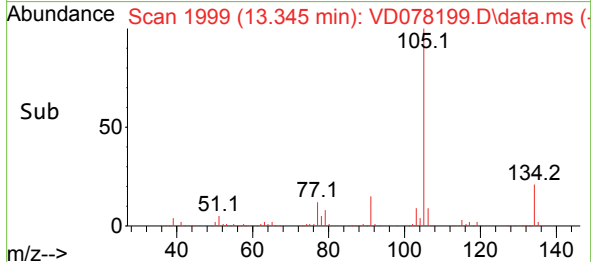
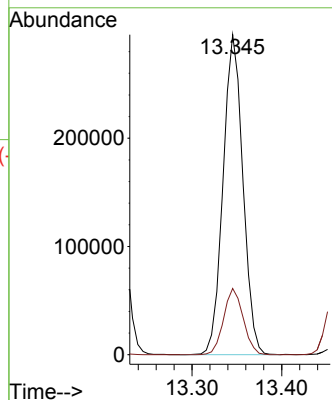
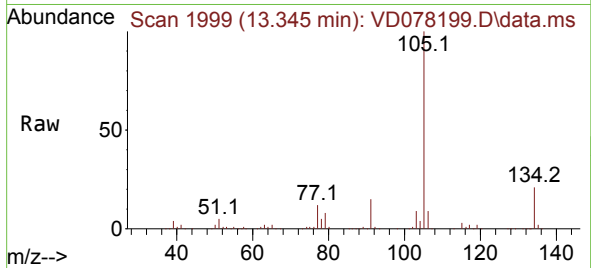




#85
sec-Butylbenzene
Concen: 49.506 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

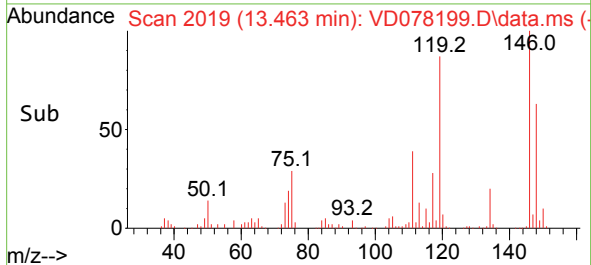
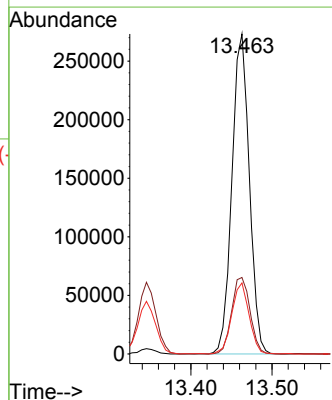
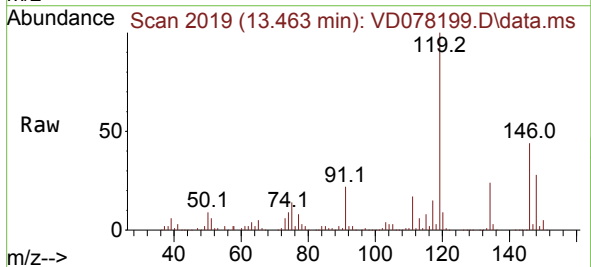
Instrument :
MSVOA_D
ClientSampleId :

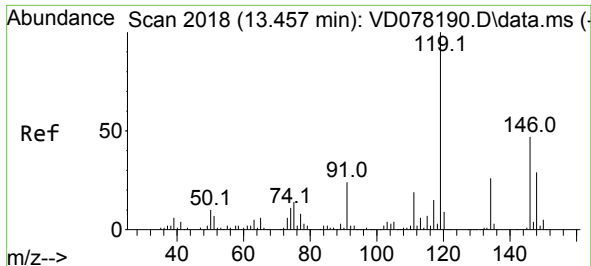
Tgt Ion:105 Resp: 453320
Ion Ratio Lower Upper
105 100
134 20.4 10.9 32.9



#86
p-Isopropyltoluene
Concen: 50.996 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

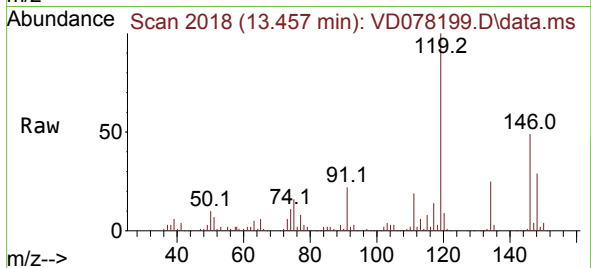
Tgt Ion:119 Resp: 406368
Ion Ratio Lower Upper
119 100
134 25.3 14.2 42.6
91 22.2 10.5 31.5



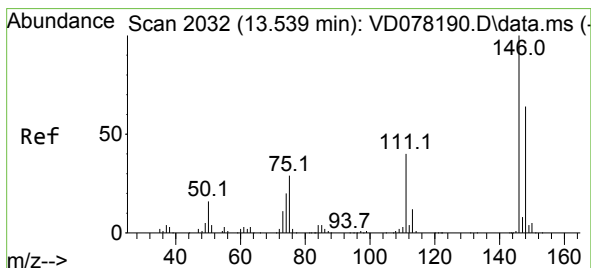
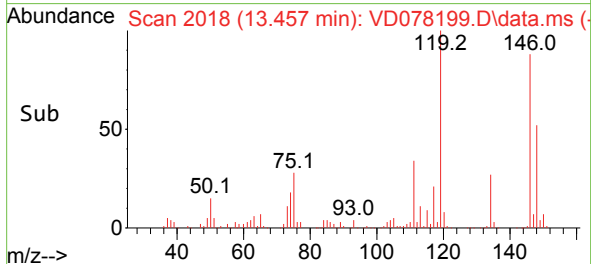
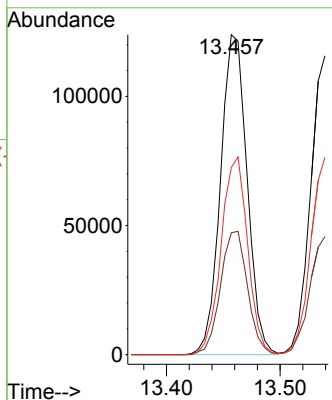


#87
1,3-Dichlorobenzene
Concen: 50.974 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :

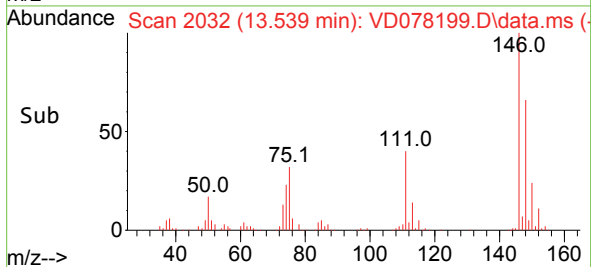
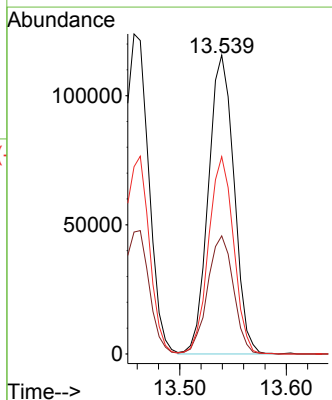
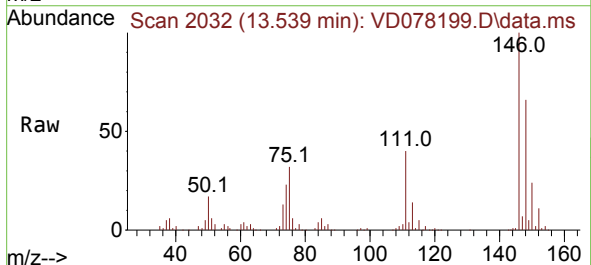


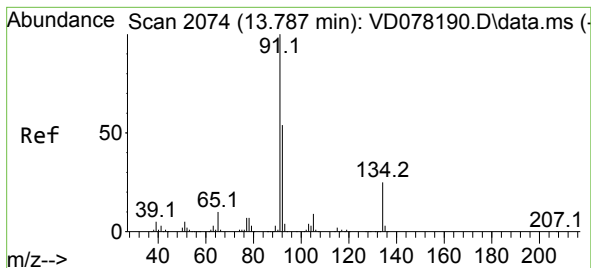
Tgt Ion:146 Resp: 201878
Ion Ratio Lower Upper
146 100
111 39.4 17.9 53.8
148 61.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.426 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:146 Resp: 193387
Ion Ratio Lower Upper
146 100
111 40.0 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 49.980 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

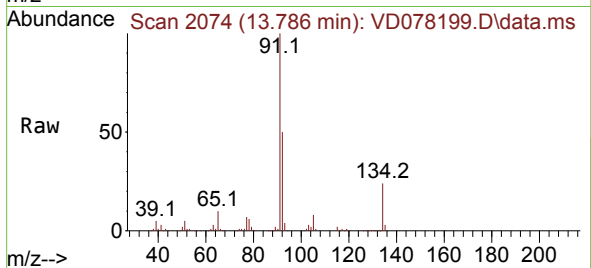
Lab File: VD078199.D

Acq: 22 Jan 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :



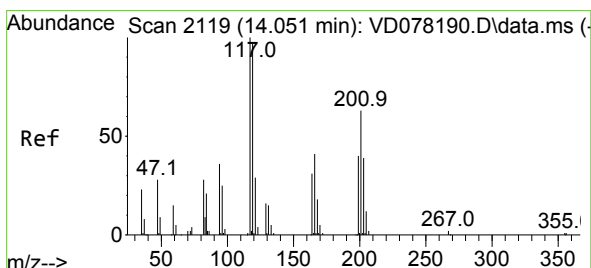
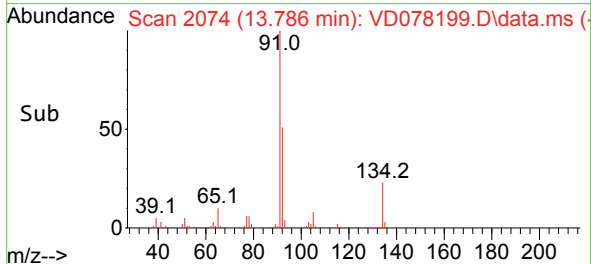
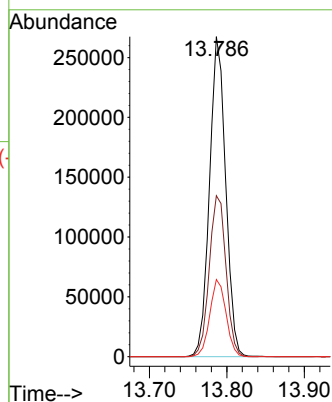
Tgt Ion: 91 Resp: 387709

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 24.2 13.8 41.3



#90

Hexachloroethane

Concen: 49.622 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078199.D

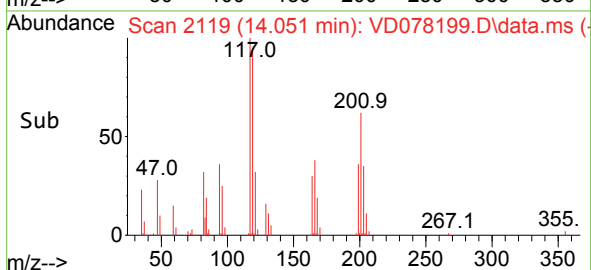
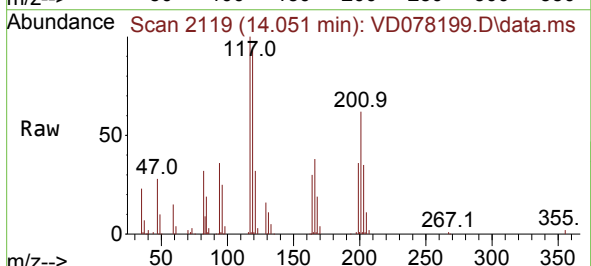
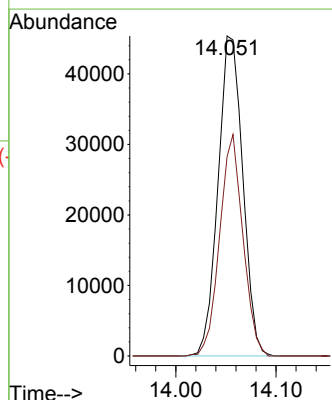
Acq: 22 Jan 2024 19:05

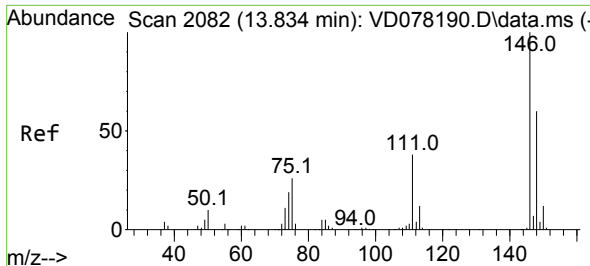
Tgt Ion: 117 Resp: 77565

Ion Ratio Lower Upper

117 100

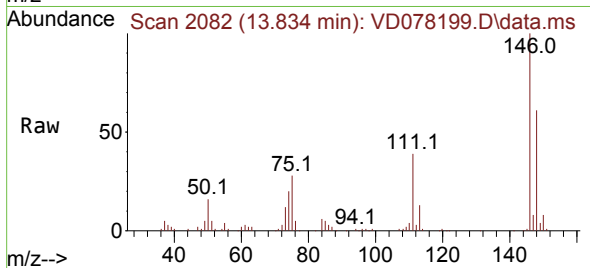
201 65.2 38.5 115.5



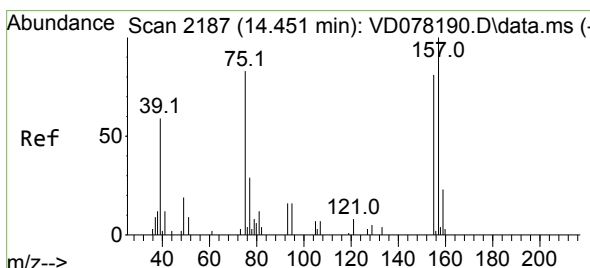
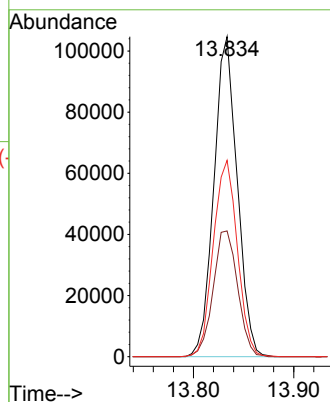
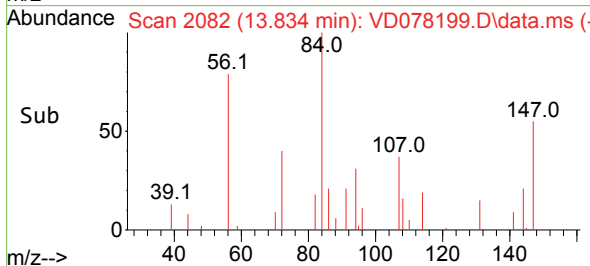


#91
1,2-Dichlorobenzene
Concen: 50.687 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

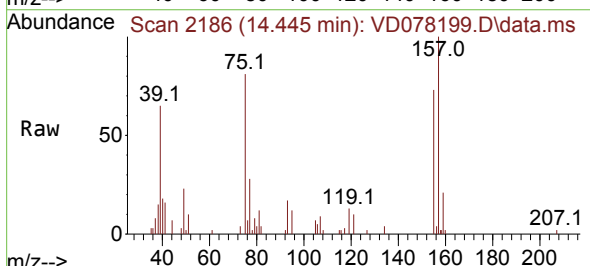
Instrument :
MSVOA_D
ClientSampleId :



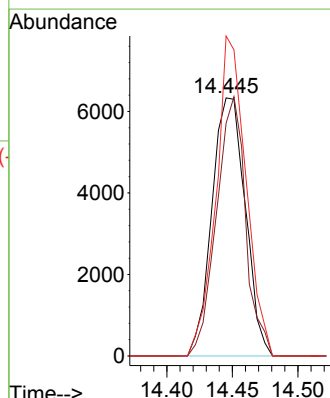
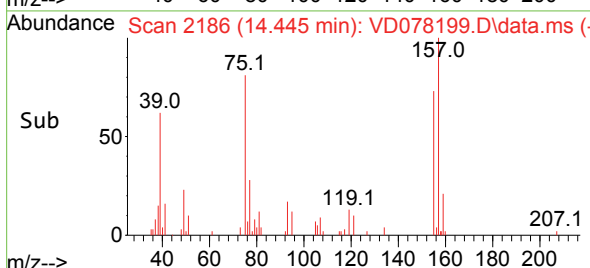
Tgt Ion:146 Resp: 168804
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 63.3 31.6 94.7

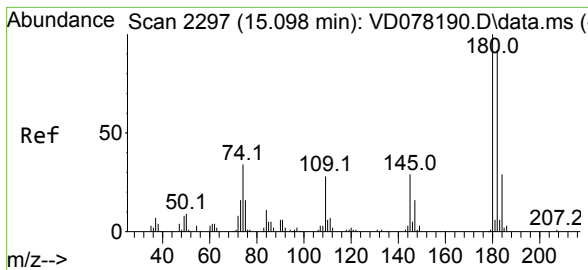


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.311 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05



Tgt Ion: 75 Resp: 11208
Ion Ratio Lower Upper
75 100
155 87.6 47.9 143.8
157 111.2 59.9 179.7

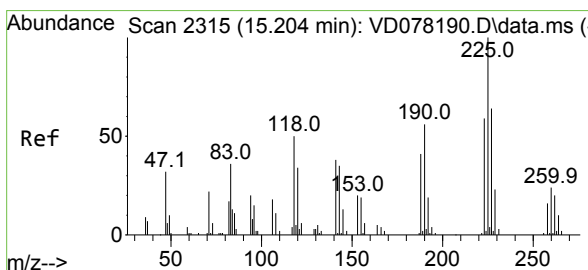
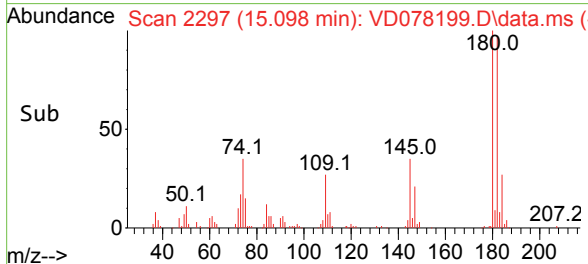
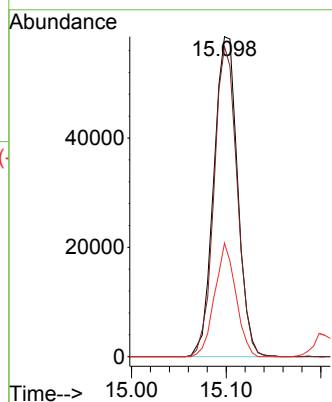
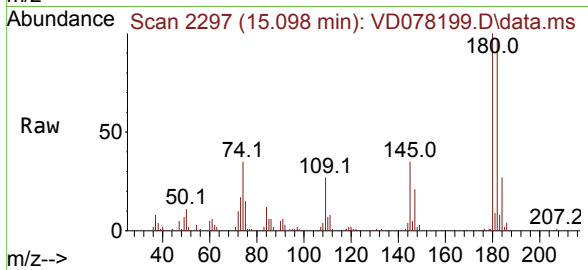




#93
 1,2,4-Trichlorobenzene
 Concen: 49.622 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

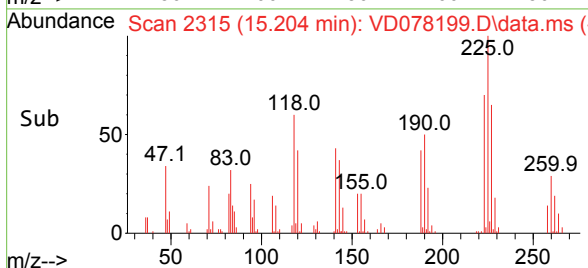
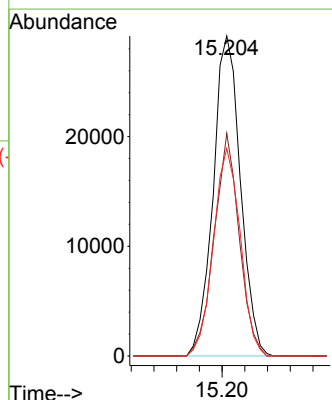
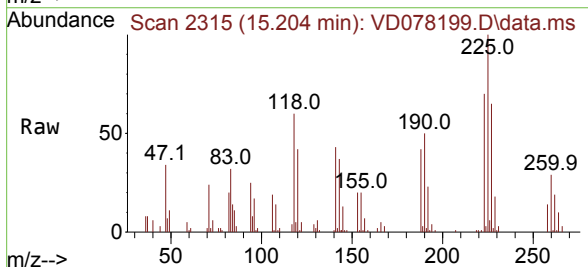
Instrument :
 MSVOA_D
 ClientSampleId :

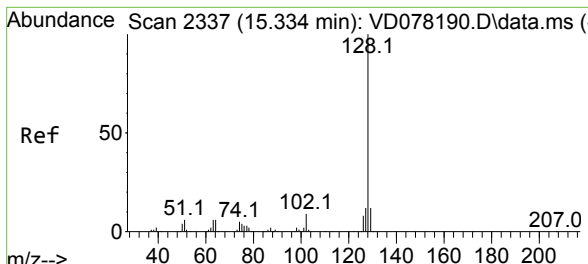
Tgt Ion:180 Resp: 102152
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.5 145.6
 145 31.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 48.956 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078199.D
 Acq: 22 Jan 2024 19:05

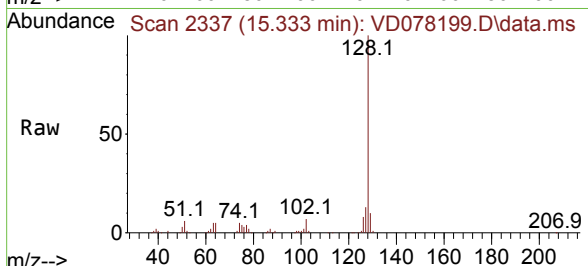
Tgt Ion:225 Resp: 48701
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 94.8
 227 63.6 31.7 95.1



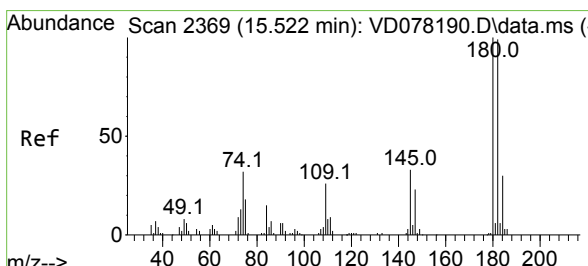
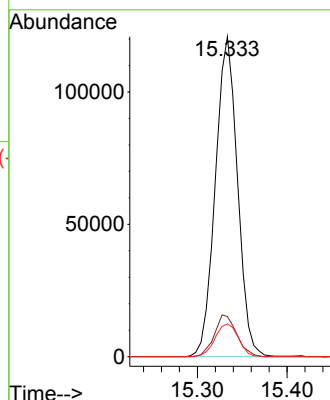
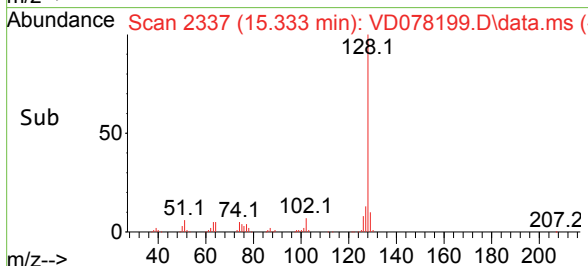


#95
Naphthalene
Concen: 53.832 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 207193
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.591 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078199.D
Acq: 22 Jan 2024 19:05

Tgt Ion:180 Resp: 89107
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 32.7 15.1 45.3

