

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078190.D
 Acq On : 22 Jan 2024 11:54
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143838	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	255865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84039	51.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.810	113	86349	51.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.269	98	346628	51.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.575	95	100966	52.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	69796	49.575	ug/l	97
3) Chloromethane	2.152	50	119715	51.458	ug/l	97
4) Vinyl Chloride	2.287	62	162994	47.787	ug/l	99
5) Bromomethane	2.699	94	109650	44.051	ug/l	99
6) Chloroethane	2.846	64	117370	49.262	ug/l	93
7) Trichlorofluoromethane	3.181	101	143142	46.138	ug/l	99
8) Diethyl Ether	3.599	74	40582	47.186	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.975	101	85527	47.597	ug/l	94
10) Methyl Iodide	4.169	142	97555	54.159	ug/l	91
11) Tert butyl alcohol	5.046	59	19812	245.079	ug/l	# 94
12) 1,1-Dichloroethene	3.952	96	81822	45.967	ug/l	# 76
13) Acrolein	3.805	56	48595	261.860	ug/l	96
14) Allyl chloride	4.563	41	114405	48.725	ug/l	# 88
15) Acrylonitrile	5.258	53	95748	248.096	ug/l	97
16) Acetone	4.022	43	94190	234.201	ug/l	# 83
17) Carbon Disulfide	4.275	76	277133	48.013	ug/l	97
18) Methyl Acetate	4.575	43	73044	51.704	ug/l	89
19) Methyl tert-butyl Ether	5.328	73	184325	49.657	ug/l	100
20) Methylene Chloride	4.805	84	100507	50.505	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	98802	48.034	ug/l	89
22) Diisopropyl ether	6.222	45	251270	50.574	ug/l	95
23) Vinyl Acetate	6.163	43	619286	252.992	ug/l	# 91
24) 1,1-Dichloroethane	6.122	63	167939	48.918	ug/l	98
25) 2-Butanone	7.087	43	121107	233.391	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	140278	48.777	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	108530	49.119	ug/l	91
28) Bromochloromethane	7.428	49	67488	50.402	ug/l	# 75
29) Tetrahydrofuran	7.452	42	69015	254.763	ug/l	# 86
30) Chloroform	7.604	83	171838	49.217	ug/l	99
31) Cyclohexane	7.881	56	144350	47.545	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	148521	49.245	ug/l	98
36) 1,1-Dichloropropene	8.010	75	136540	49.307	ug/l	95
37) Ethyl Acetate	7.175	43	48611	47.154	ug/l	94
38) Carbon Tetrachloride	7.993	117	133502	48.814	ug/l	98
39) Methylcyclohexane	9.275	83	166453	50.827	ug/l	96
40) Benzene	8.257	78	389336	49.545	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	29321	52.858	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	103059	50.405	ug/l	94
43) Isopropyl Acetate	8.363	43	93893	49.714	ug/l #	91
44) Trichloroethene	9.034	130	96681	48.090	ug/l	89
45) 1,2-Dichloropropane	9.310	63	96871	49.678	ug/l	99
46) Dibromomethane	9.399	93	51470	48.064	ug/l	90
47) Bromodichloromethane	9.587	83	132704	49.332	ug/l	95
48) Methyl methacrylate	9.381	41	54678	50.005	ug/l #	79
49) 1,4-Dioxane	9.387	88	9579	924.453	ug/l #	82
51) 4-Methyl-2-Pentanone	10.163	43	250558	252.461	ug/l	88
52) Toluene	10.334	92	247898	49.768	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	124467	50.154	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	151171	50.813	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	70773	49.391	ug/l	98
56) Ethyl methacrylate	10.598	69	60905	51.923	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	121946	49.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	185268	263.563	ug/l	94
59) 2-Hexanone	10.922	43	184482	228.746	ug/l	86
60) Dibromochloromethane	11.075	129	84271	49.882	ug/l	96
61) 1,2-Dibromoethane	11.181	107	67262	50.923	ug/l	99
64) Tetrachloroethene	10.810	164	74716	48.523	ug/l	91
65) Chlorobenzene	11.610	112	256595	49.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	93540	50.315	ug/l	96
67) Ethyl Benzene	11.687	91	475933	50.273	ug/l	96
68) m/p-Xylenes	11.793	106	363045	100.409	ug/l	89
69) o-Xylene	12.122	106	168976	51.496	ug/l	92
70) Styrene	12.134	104	252931	51.440	ug/l	95
71) Bromoform	12.298	173	44653	48.501	ug/l #	99
73) Isopropylbenzene	12.422	105	443392	49.807	ug/l	96
74) N-amyl acetate	12.234	43	85210	50.030	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	82261	49.661	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	97331	93.019	ug/l #	100
77) Bromobenzene	12.704	156	97429	49.918	ug/l	86
78) n-propylbenzene	12.763	91	551717	49.969	ug/l	95
79) 2-Chlorotoluene	12.851	91	288820	49.019	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	367141	49.739	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	25208	50.003	ug/l	93
82) 4-Chlorotoluene	12.945	91	302361	48.682	ug/l	95
83) tert-Butylbenzene	13.169	119	310511	50.322	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	373201	49.992	ug/l	94
85) sec-Butylbenzene	13.345	105	461264	49.369	ug/l	95
86) p-Isopropyltoluene	13.463	119	406222	49.961	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	198122	49.028	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	192862	48.308	ug/l	96
89) n-Butylbenzene	13.787	91	396302	50.069	ug/l	97
90) Hexachloroethane	14.051	117	77720	48.729	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	168788	49.672	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11252	47.533	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	103097	49.082	ug/l	92
94) Hexachlorobutadiene	15.204	225	50552	49.803	ug/l	99
95) Naphthalene	15.334	128	199356	50.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	87811	49.827	ug/l	98

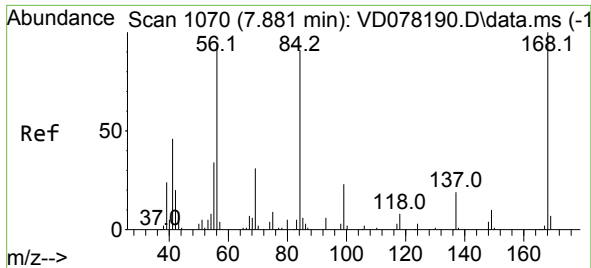
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Response via : Initial Calibration

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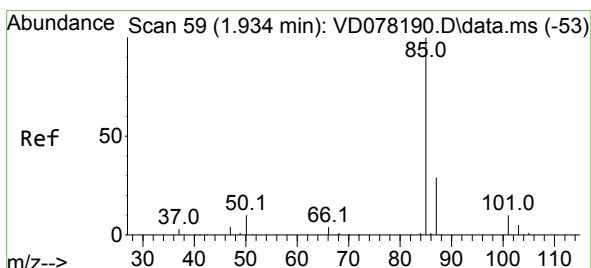
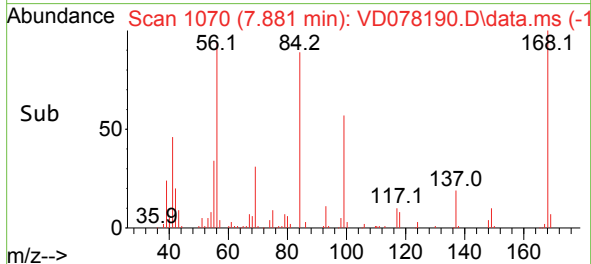
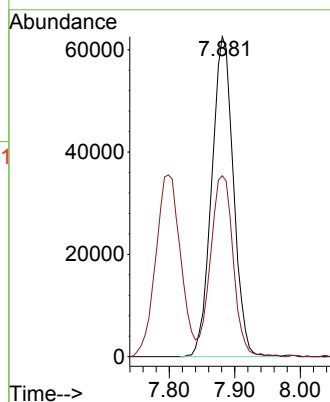
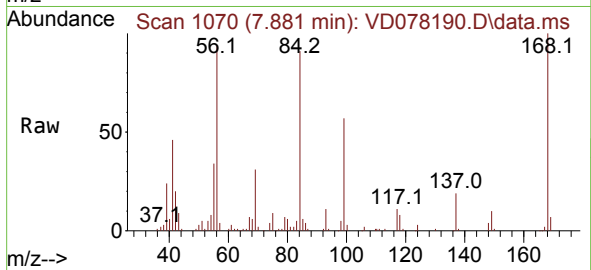
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078190.D
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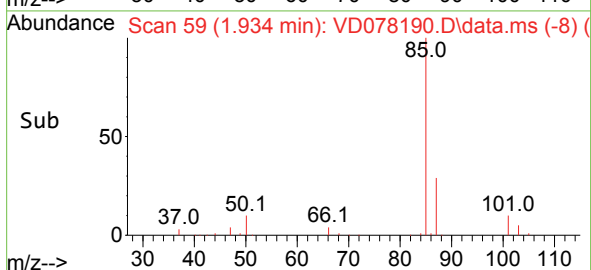
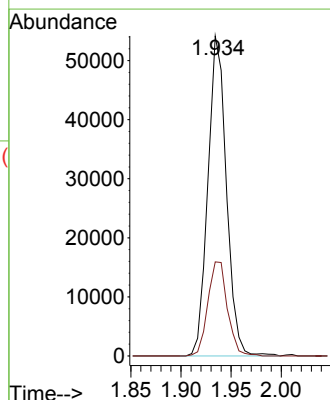
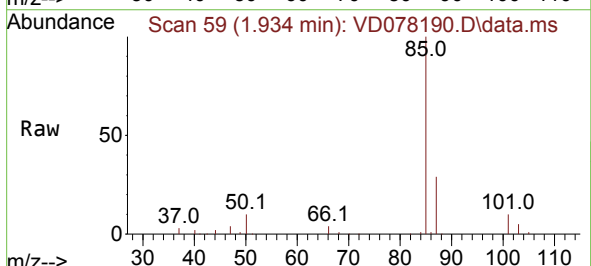
Instrument :
MSVOA_D
ClientSampleId :

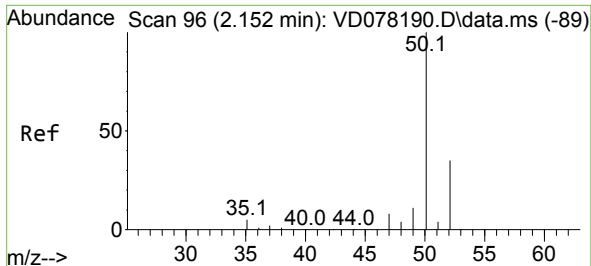
Tgt Ion:168 Resp: 143838
Ion Ratio Lower Upper
168 100
99 56.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 49.575 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

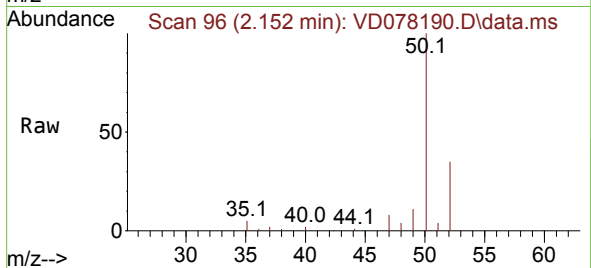
Tgt Ion: 85 Resp: 69796
Ion Ratio Lower Upper
85 100
87 29.4 15.7 47.0



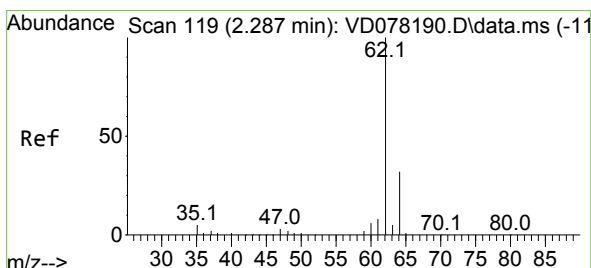
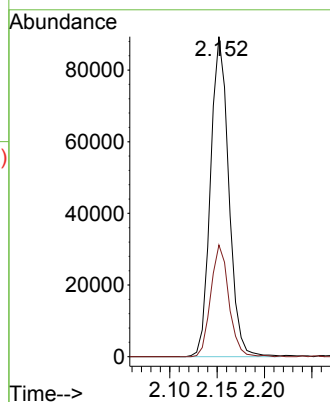
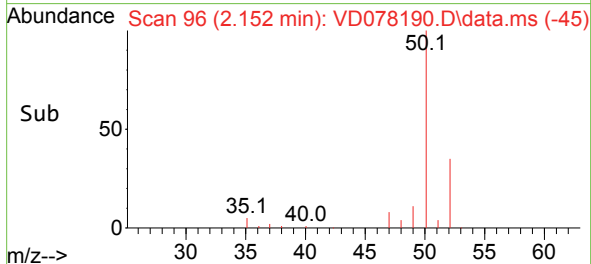


#3
Chloromethane
Concen: 51.458 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :

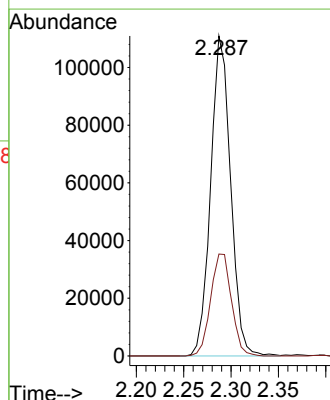
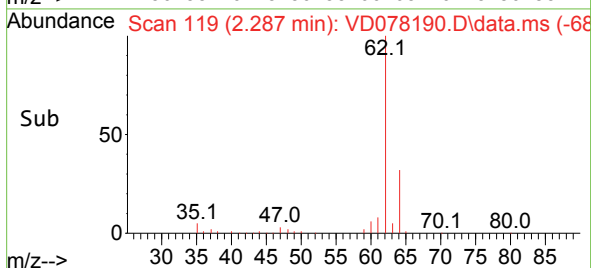
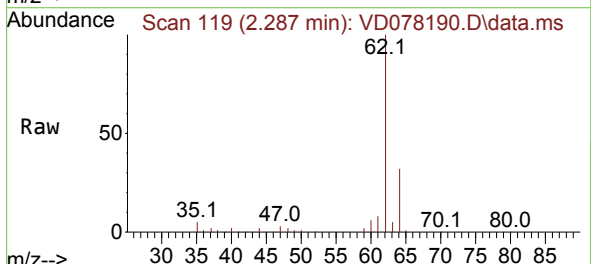


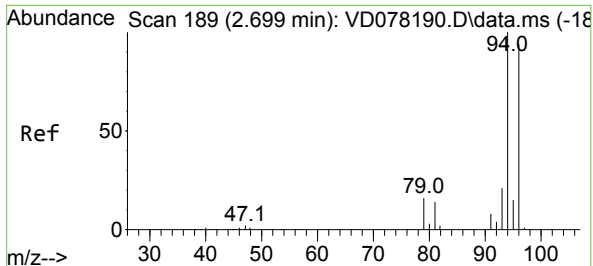
Tgt Ion: 50 Resp: 119715
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 47.787 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 62 Resp: 162994
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

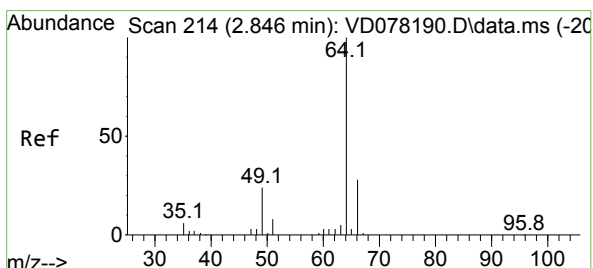
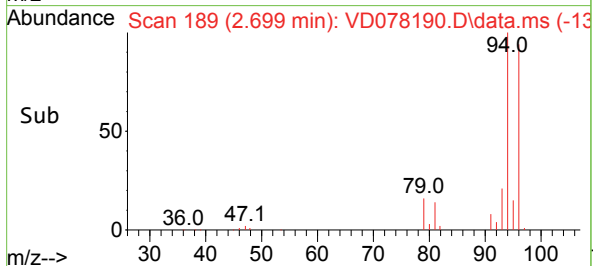
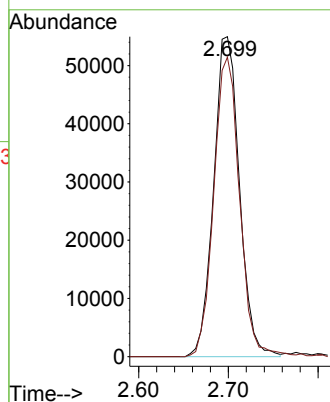
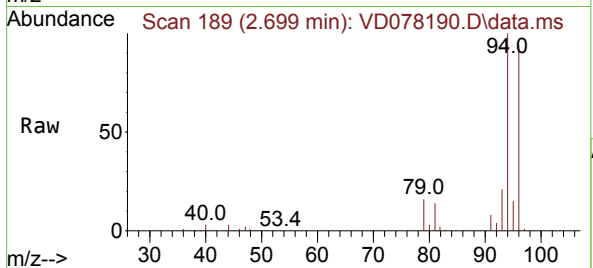




#5
Bromomethane
Concen: 44.051 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

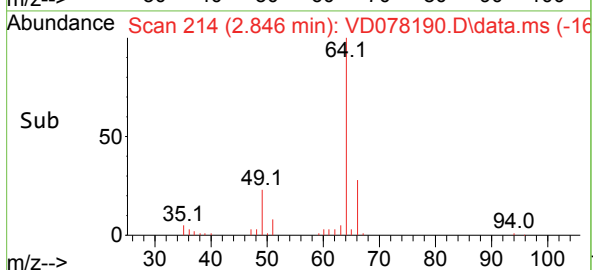
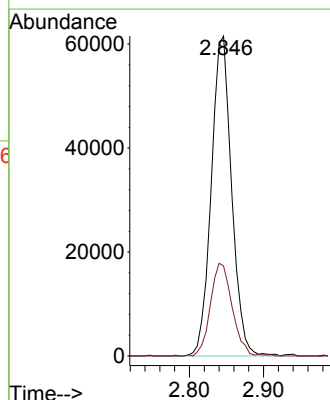
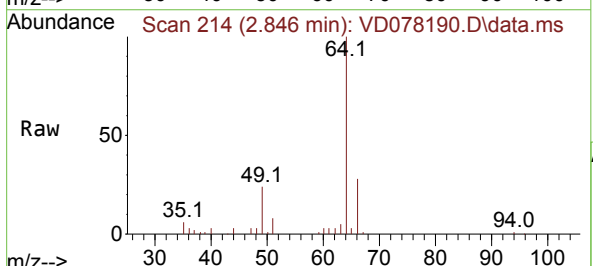
Instrument :
MSVOA_D
ClientSampleId :

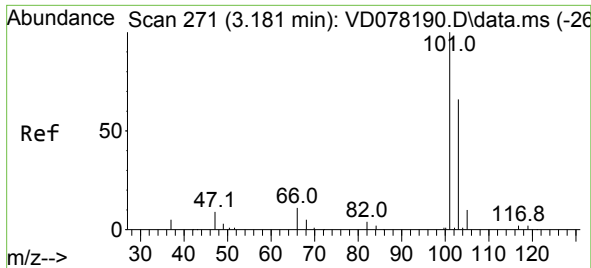
Tgt Ion: 94 Resp: 109650
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 49.262 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 64 Resp: 117370
Ion Ratio Lower Upper
64 100
66 28.1 25.5 38.3

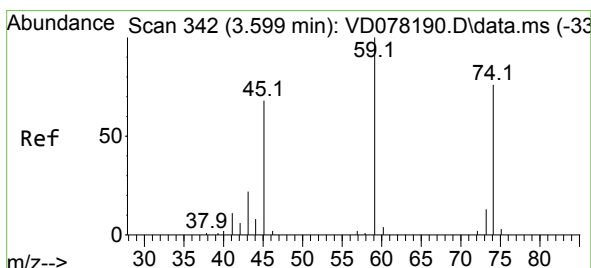
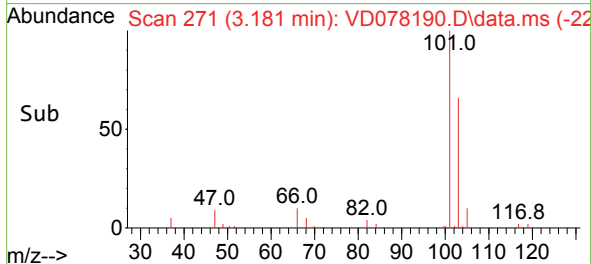
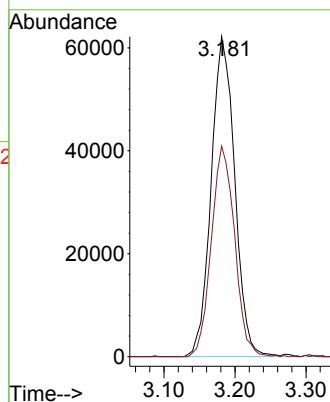
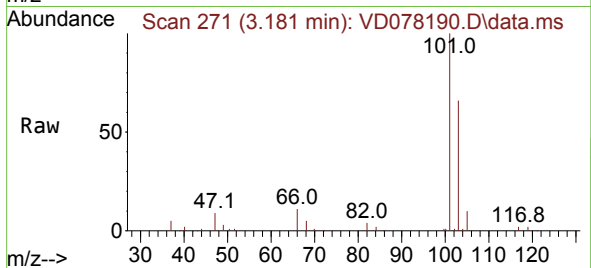




#7
Trichlorofluoromethane
Concen: 46.138 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078190.D
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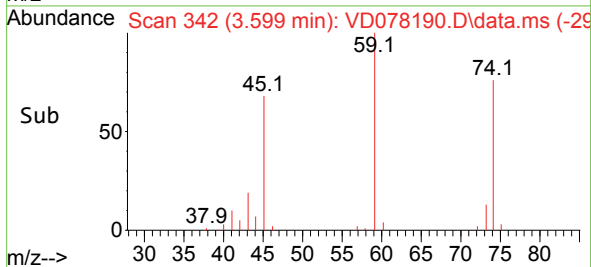
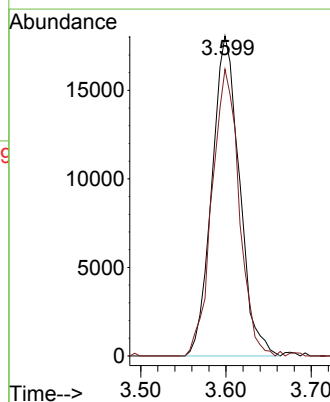
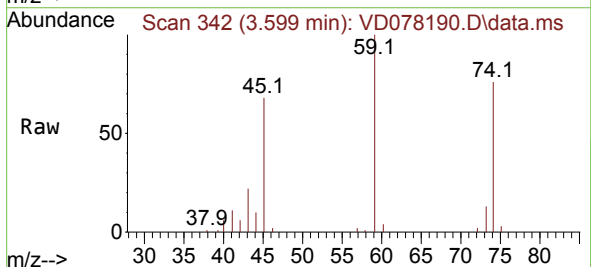
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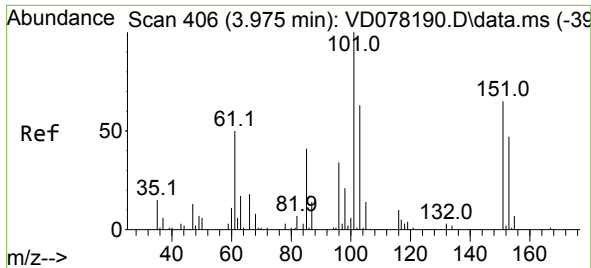
Tgt Ion:101 Resp: 143142
Ion Ratio Lower Upper
101 100
103 65.8 52.3 78.5



#8
Diethyl Ether
Concen: 47.186 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 74 Resp: 40582
Ion Ratio Lower Upper
74 100
45 88.2 37.5 112.7

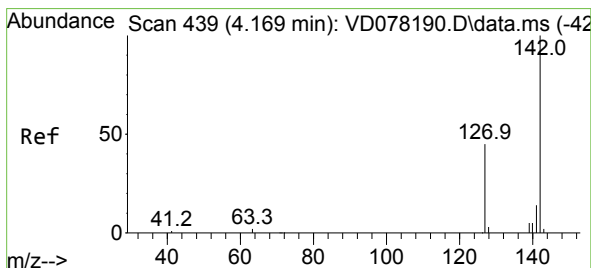
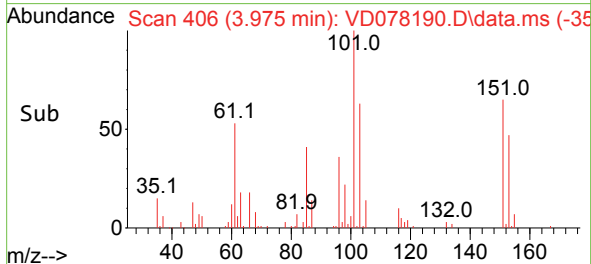
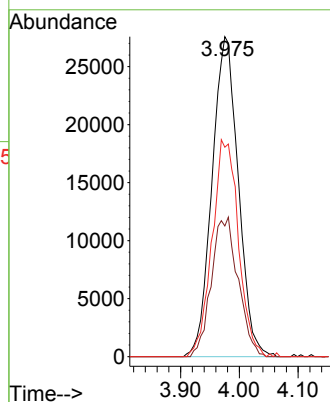
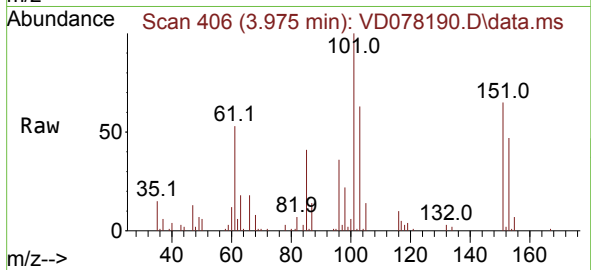




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.597 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

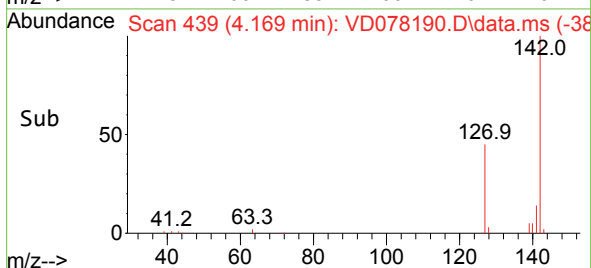
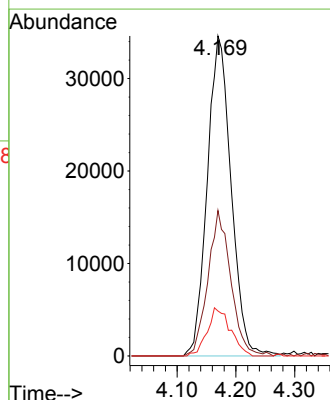
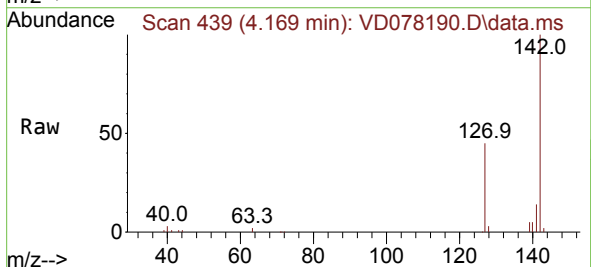
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ClientSampleId :

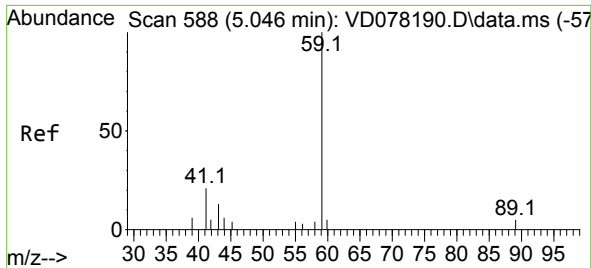
Tgt Ion:	101	Resp:	85527
Ion	Ratio	Lower	Upper
101	100		
85	44.5	33.8	50.6
151	67.9	59.8	89.6



#10
Methyl Iodide
Concen: 54.159 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:	142	Resp:	97555
Ion	Ratio	Lower	Upper
142	100		
127	43.5	29.4	44.0
141	14.6	11.1	16.7

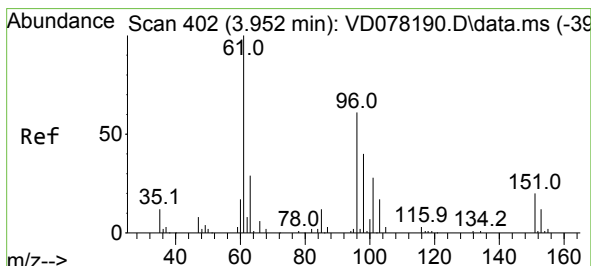
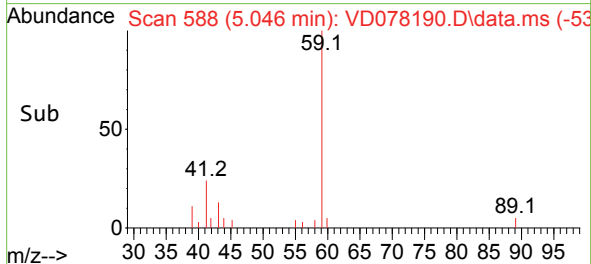
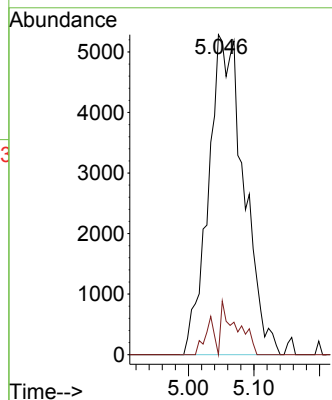
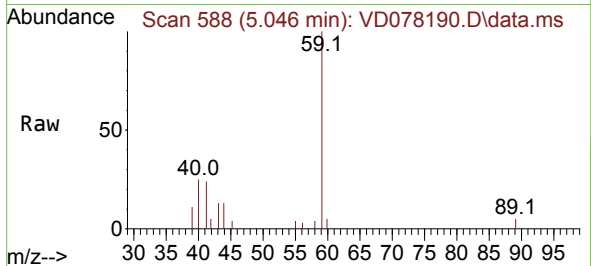




#11
Tert butyl alcohol
Concen: 245.079 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

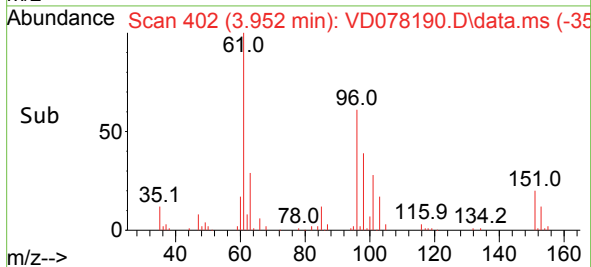
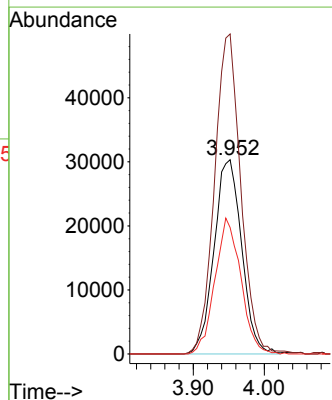
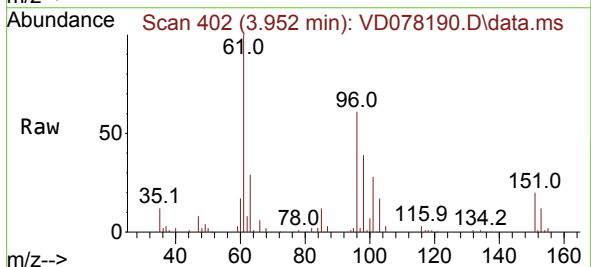
Instrument :
MSVOA_D
ClientSampleId :

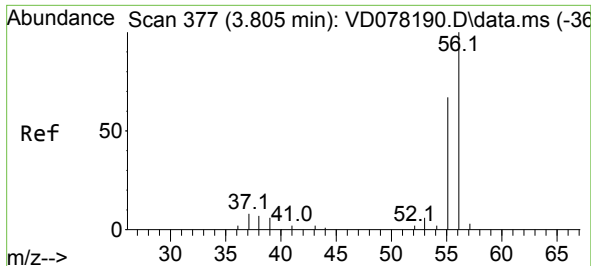
Tgt Ion: 59 Resp: 19812
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 45.967 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 96 Resp: 81822
Ion Ratio Lower Upper
96 100
61 164.7 100.6 150.8#
98 65.0 50.2 75.2





#13

Acrolein

Concen: 261.860 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

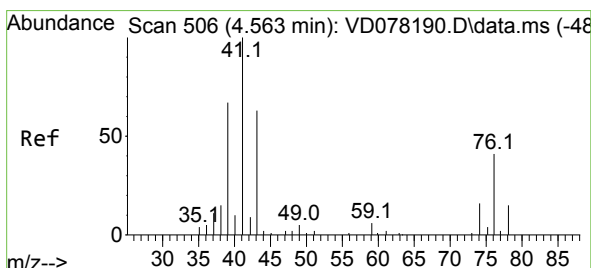
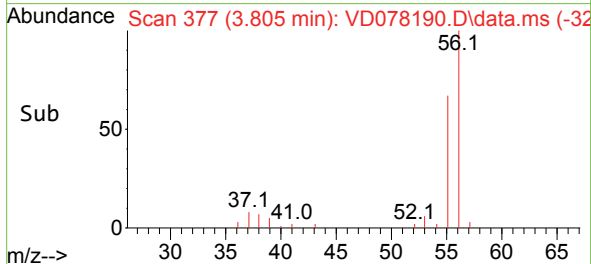
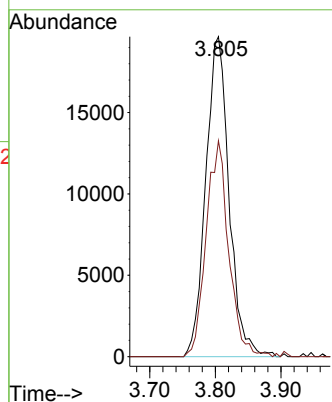
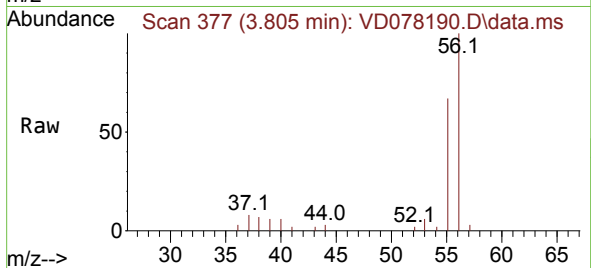
ClientSampleId :

Tgt Ion: 56 Resp: 48595

Ion Ratio Lower Upper

56 100

55 65.3 55.1 82.7



#14

Allyl chloride

Concen: 48.725 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

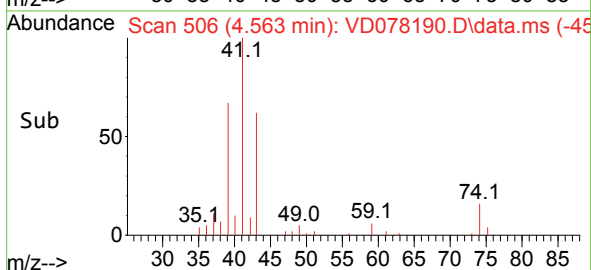
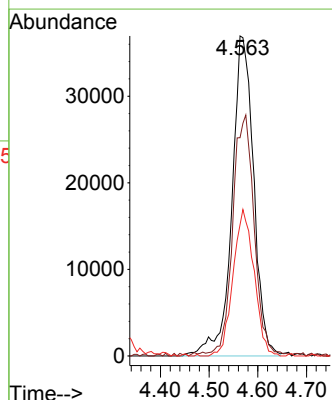
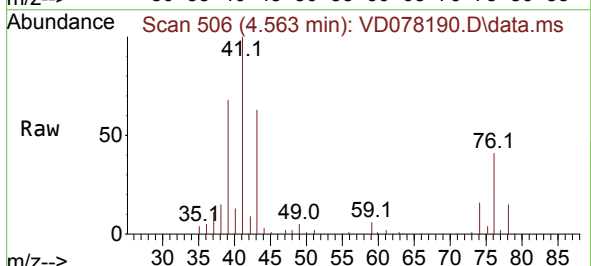
Tgt Ion: 41 Resp: 114405

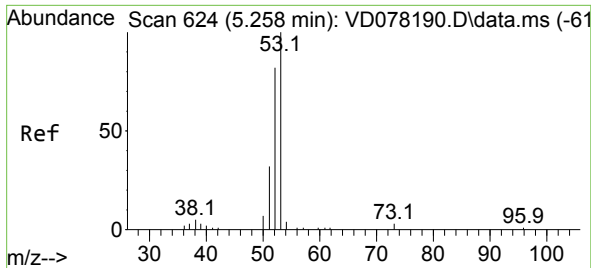
Ion Ratio Lower Upper

41 100

39 73.0 53.8 80.6

76 44.2 45.8 68.8#

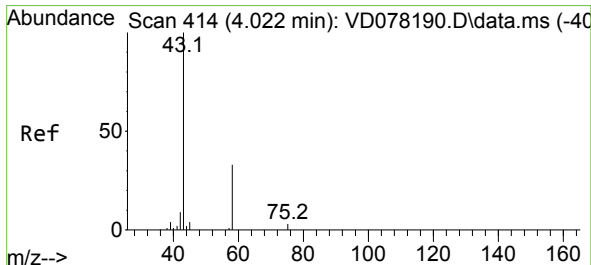
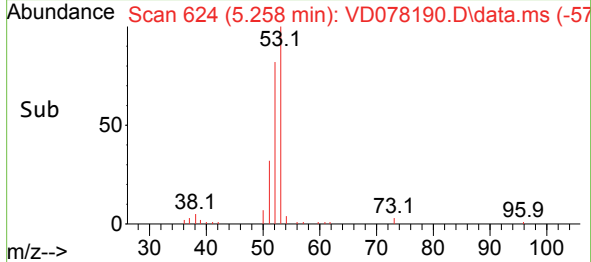
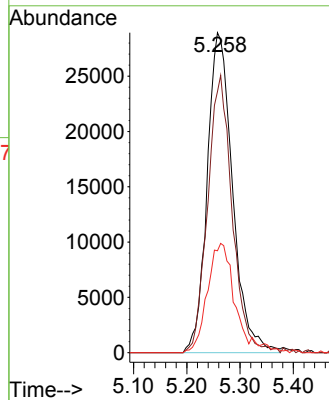
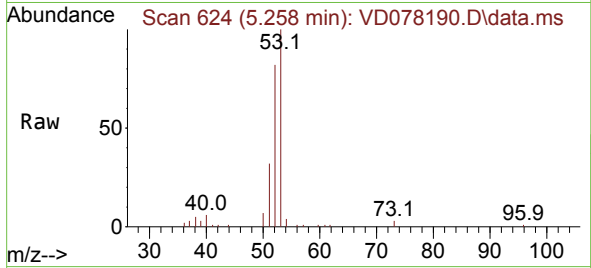




#15
Acrylonitrile
Concen: 248.096 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

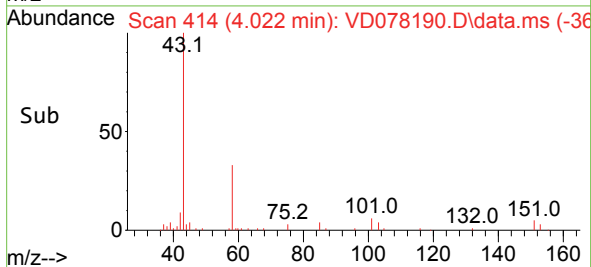
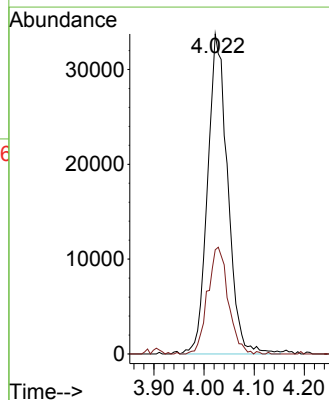
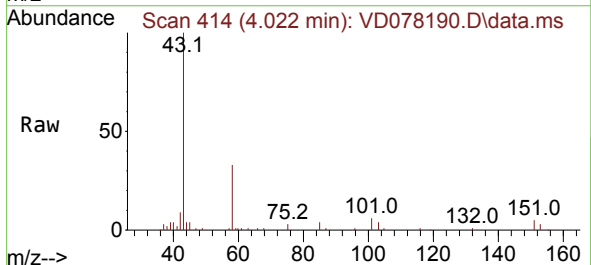
Instrument :
MSVOA_D
ClientSampleId :

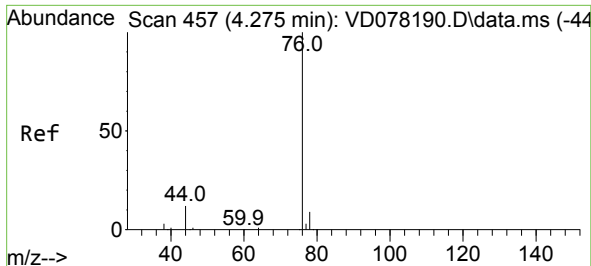
Tgt Ion:	53	Resp:	95748
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.0	97.4
51	37.5	28.3	42.5



#16
Acetone
Concen: 234.201 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:	43	Resp:	94190
Ion	Ratio	Lower	Upper
43	100		
58	32.5	34.7	52.1#

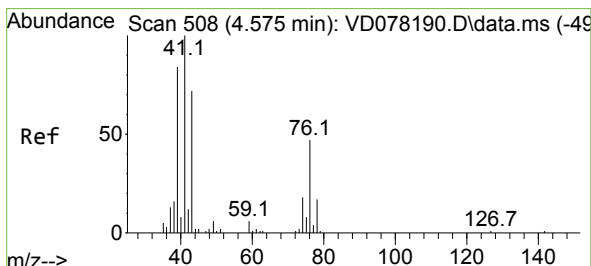
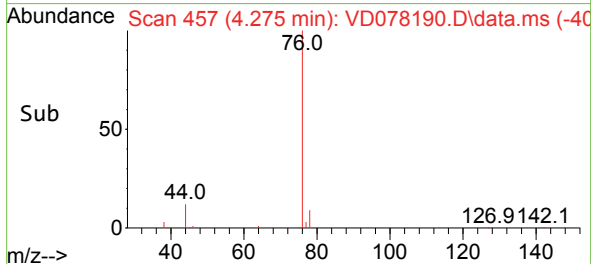
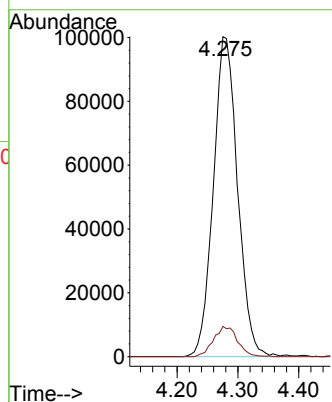
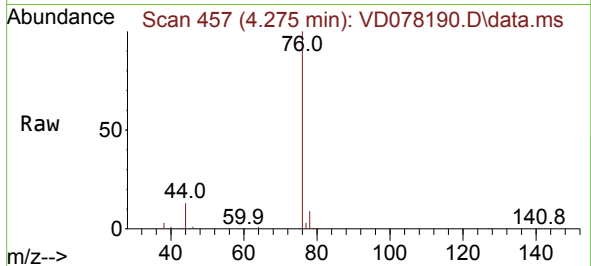




#17
Carbon Disulfide
Concen: 48.013 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

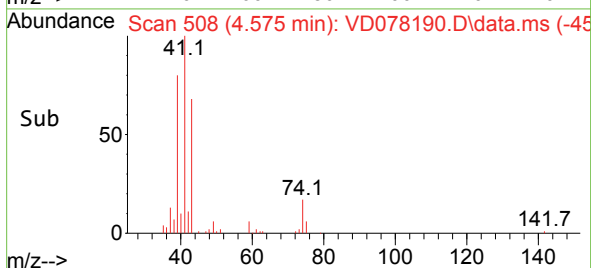
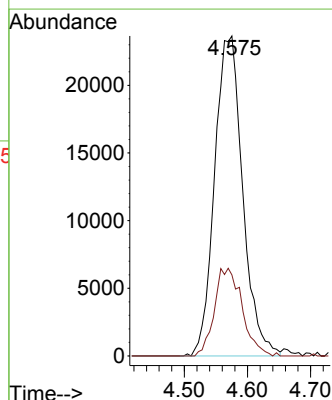
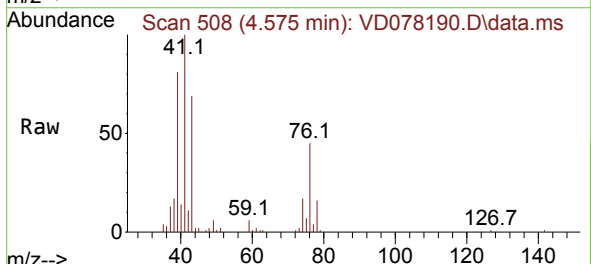
Instrument :
MSVOA_D
ClientSampleId :

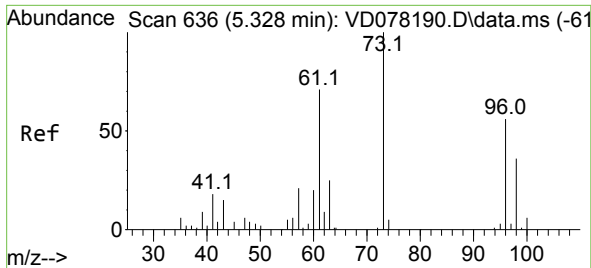
Tgt Ion: 76 Resp: 277133
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 51.704 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 43 Resp: 73044
Ion Ratio Lower Upper
43 100
74 27.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 49.657 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

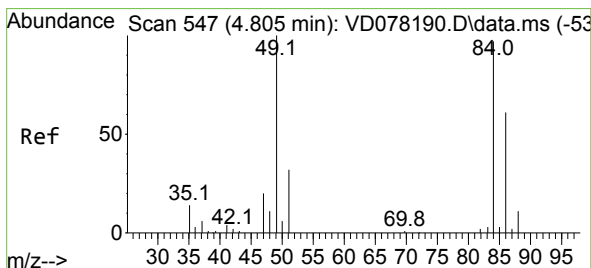
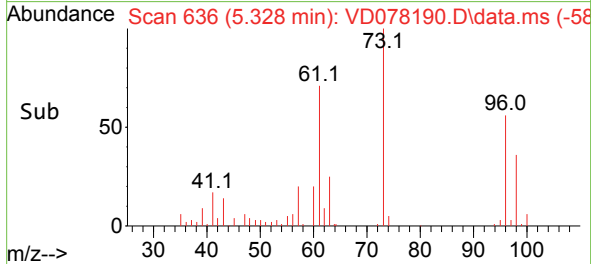
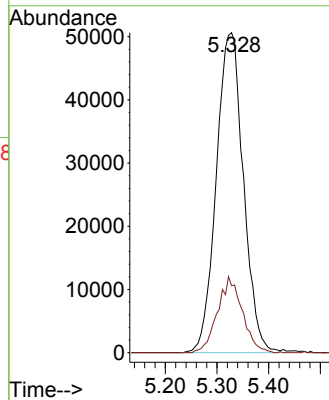
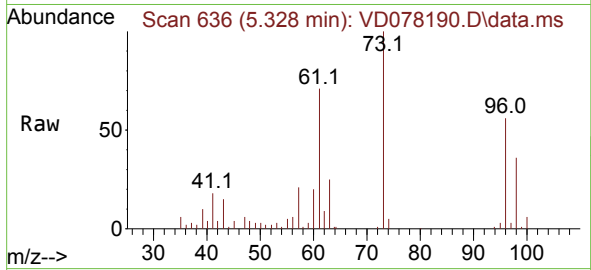
ClientSampleId :

Tgt Ion: 73 Resp: 184325

Ion Ratio Lower Upper

73 100

57 21.0 16.6 25.0



#20

Methylene Chloride

Concen: 50.505 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Tgt Ion: 84 Resp: 100507

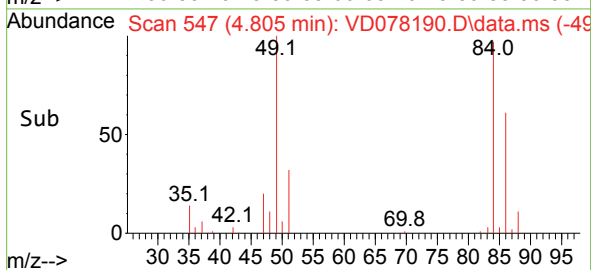
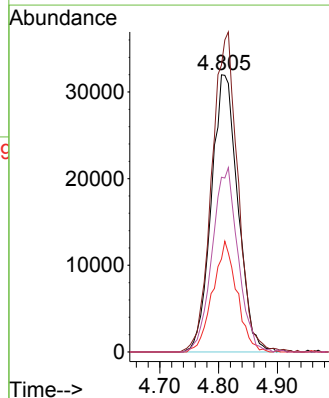
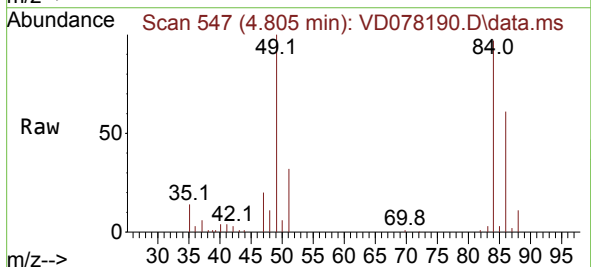
Ion Ratio Lower Upper

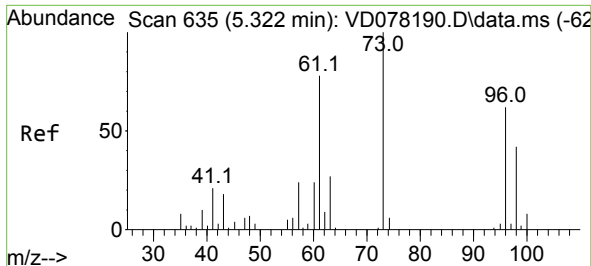
84 100

49 103.5 71.4 107.2

51 33.6 24.5 36.7

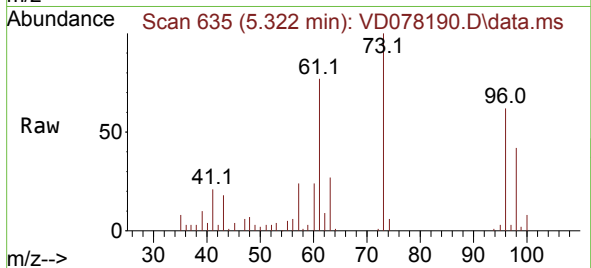
86 63.0 48.7 73.1



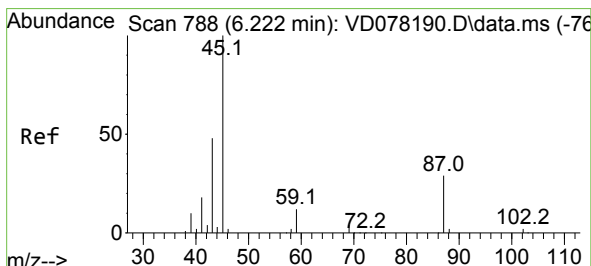
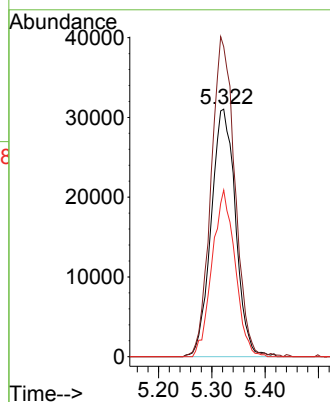
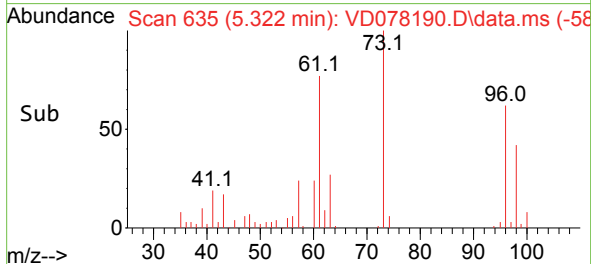


#21
trans-1,2-Dichloroethene
Concen: 48.034 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

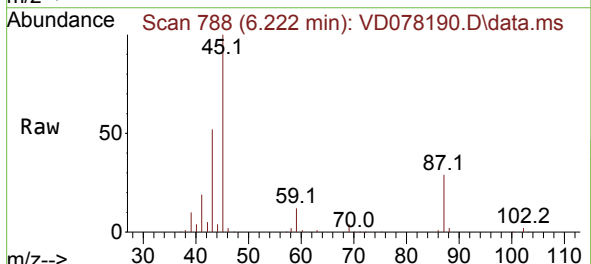
Instrument :
MSVOA_D
ClientSampleId :



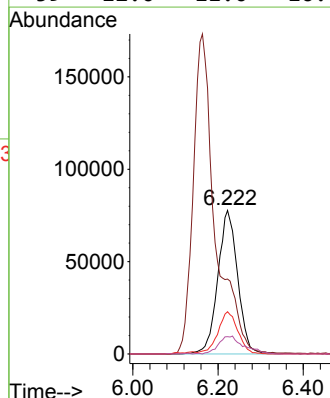
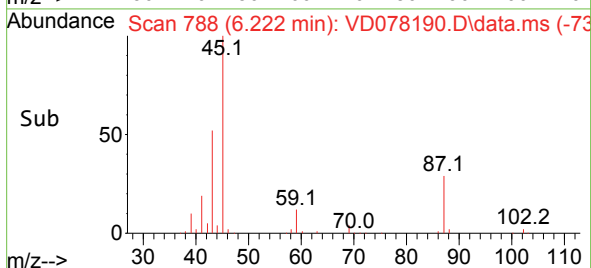
Tgt Ion: 96 Resp: 98802
Ion Ratio Lower Upper
96 100
61 125.2 89.3 133.9
98 67.3 48.6 73.0

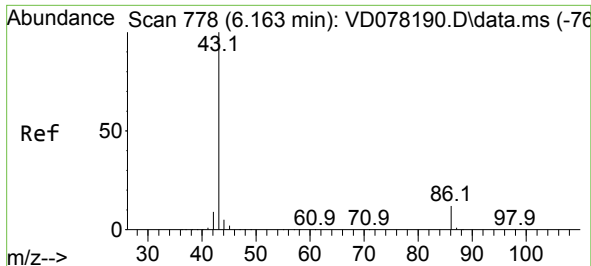


#22
Diisopropyl ether
Concen: 50.574 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54



Tgt Ion: 45 Resp: 251270
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 29.4 28.2 42.4
59 12.0 11.0 16.4

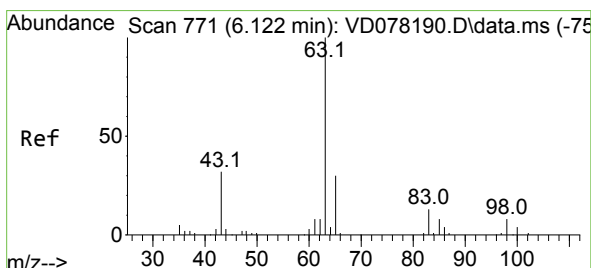
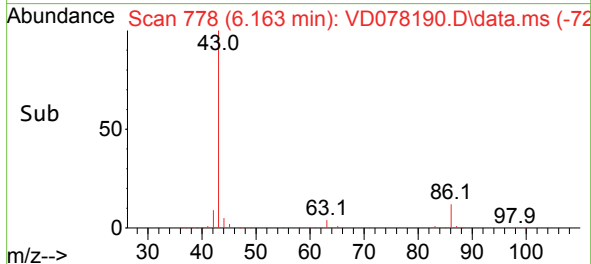
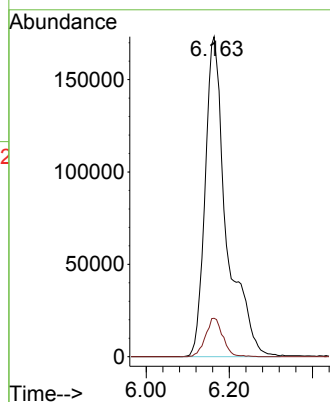
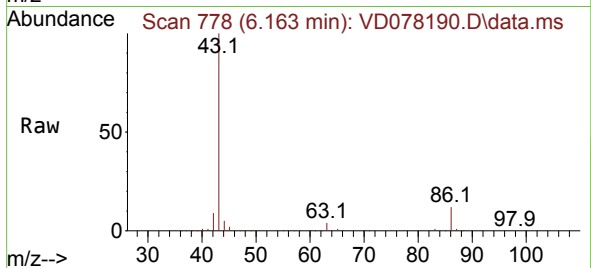




#23
 Vinyl Acetate
 Concen: 252.992 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

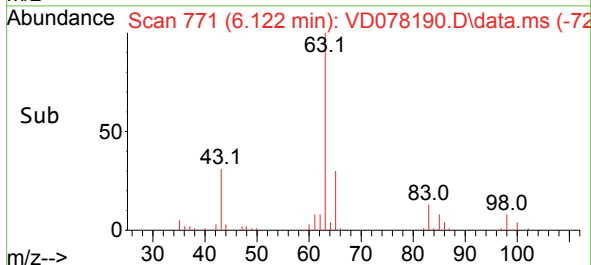
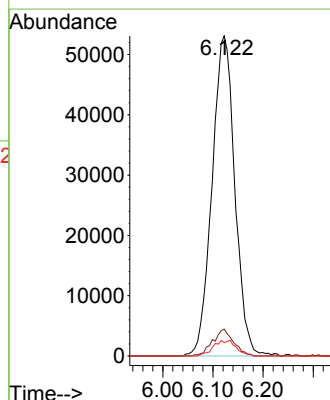
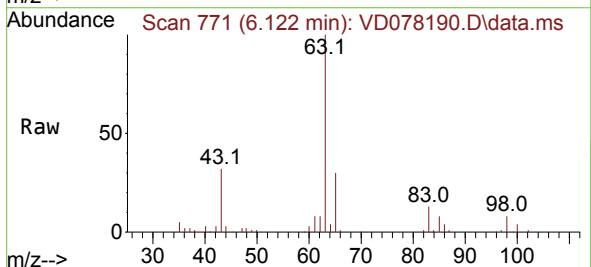
Instrument :
 MSVOA_D
 ClientSampleId :

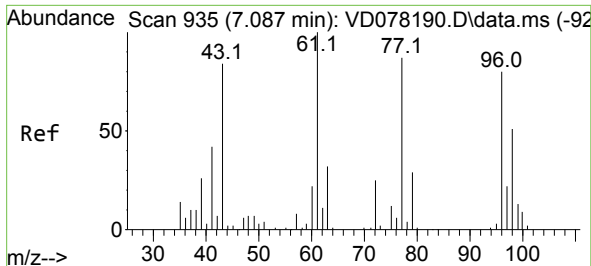
Tgt Ion: 43 Resp: 619286
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 48.918 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

Tgt Ion: 63 Resp: 167939
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.1 2.5 7.5

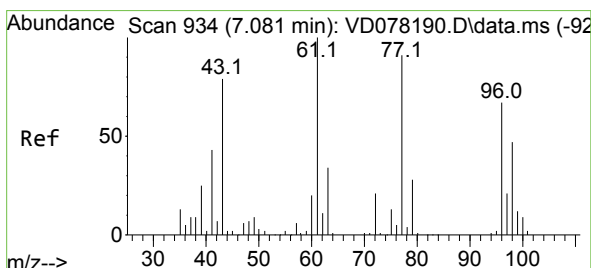
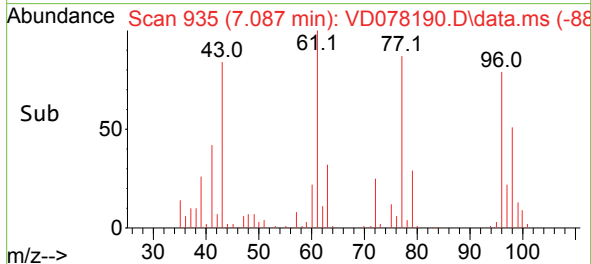
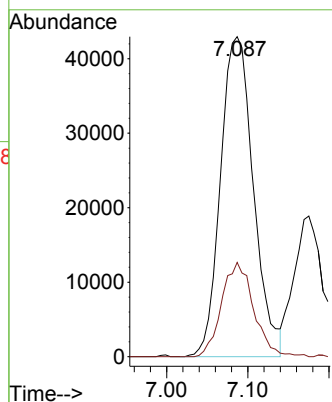
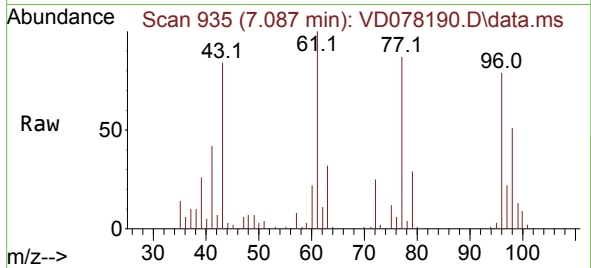




#25
2-Butanone
Concen: 233.391 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

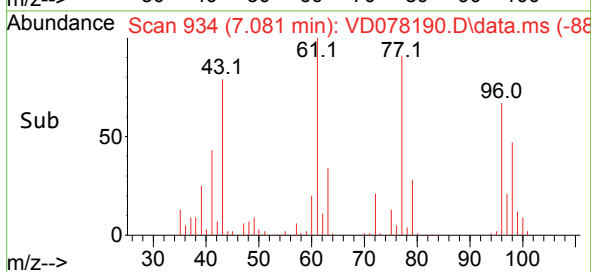
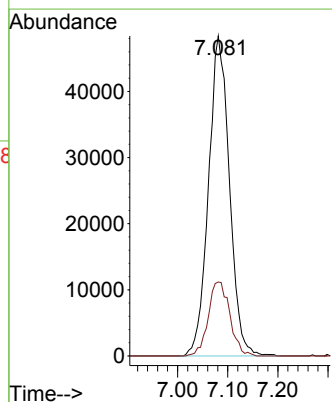
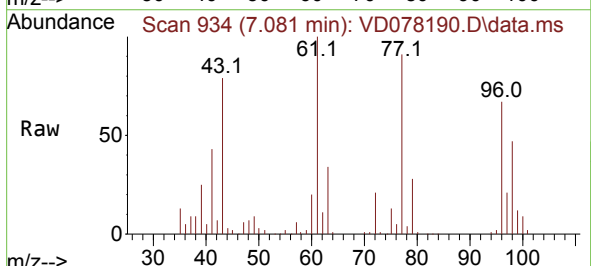
Instrument :
MSVOA_D
ClientSampleId :

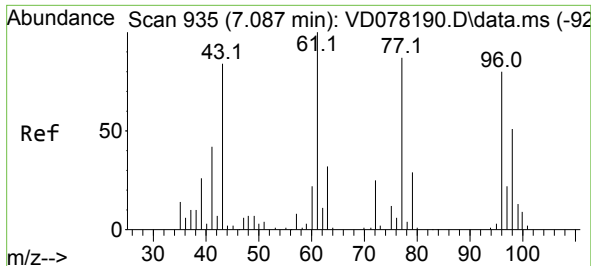
Tgt Ion: 43 Resp: 121107
Ion Ratio Lower Upper
43 100
72 29.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 48.777 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 77 Resp: 140278
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

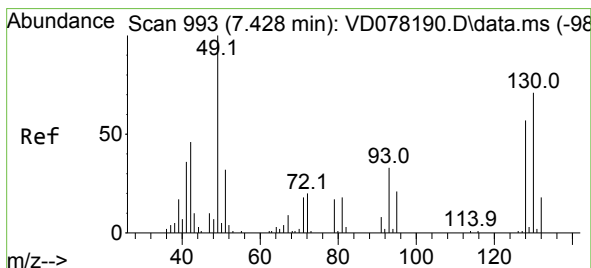
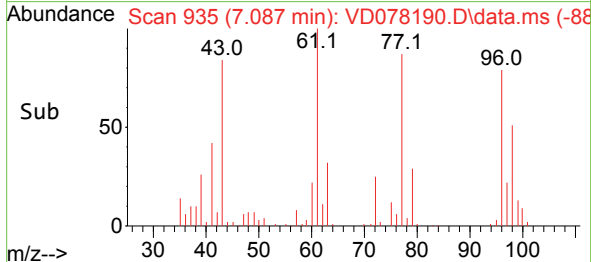
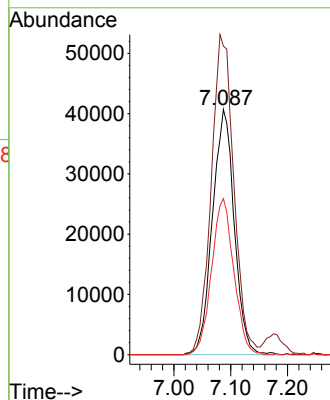
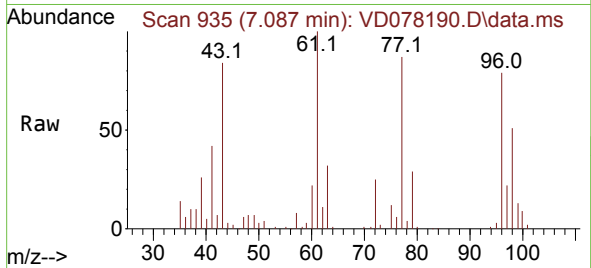




#27
 cis-1,2-Dichloroethene
 Concen: 49.119 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

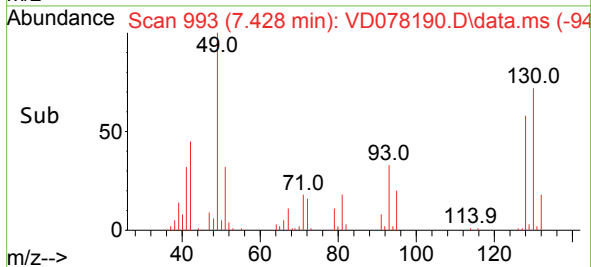
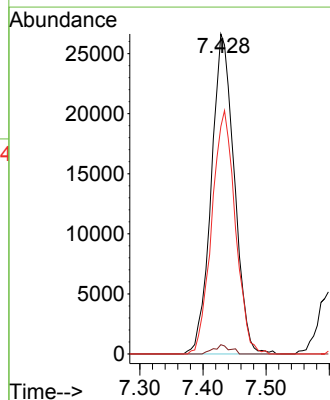
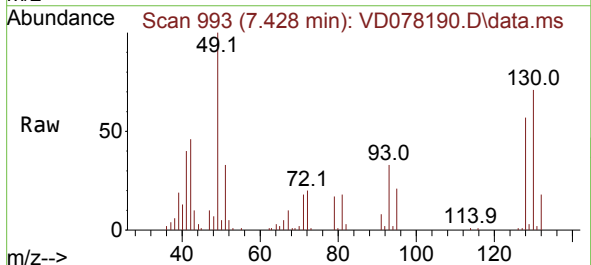
Instrument :
 MSVOA_D
 ClientSampleId :

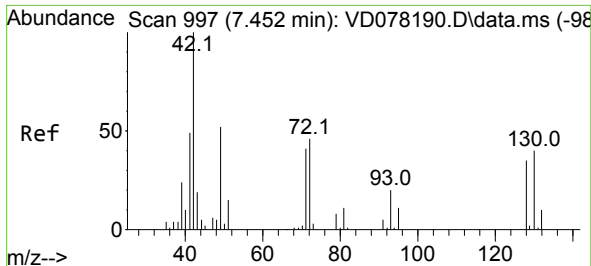
Tgt Ion: 96 Resp: 108530
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 239.2
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.402 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

Tgt Ion: 49 Resp: 67488
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 77.7 83.2 124.8#

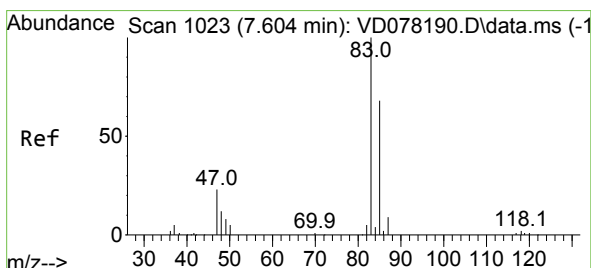
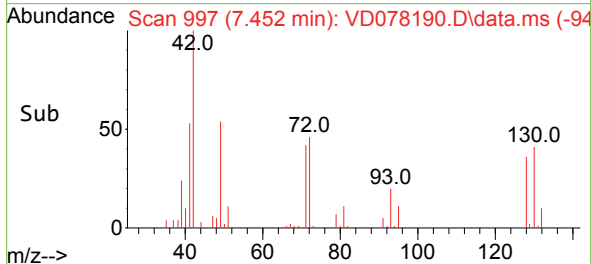
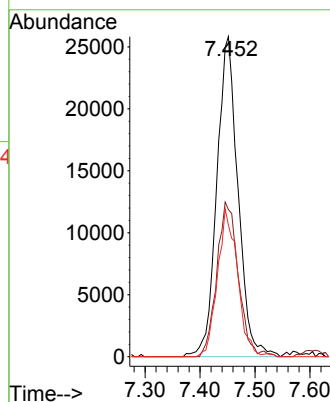
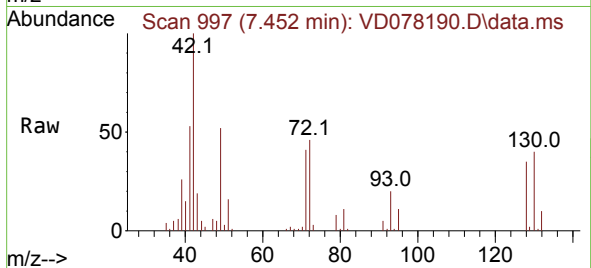




#29
Tetrahydrofuran
Concen: 254.763 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

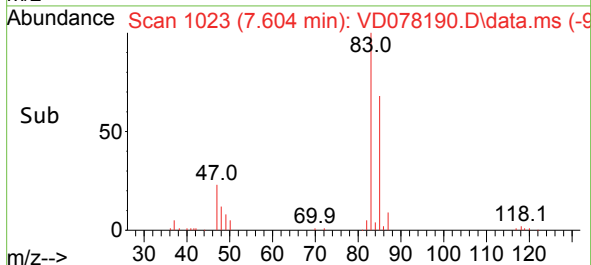
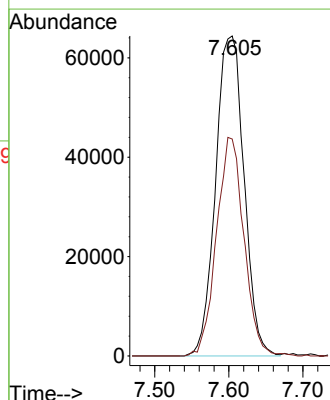
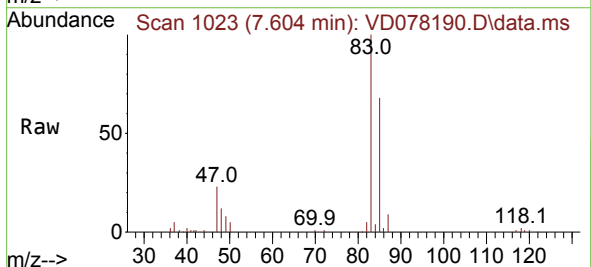
Instrument :
MSVOA_D
ClientSampleId :

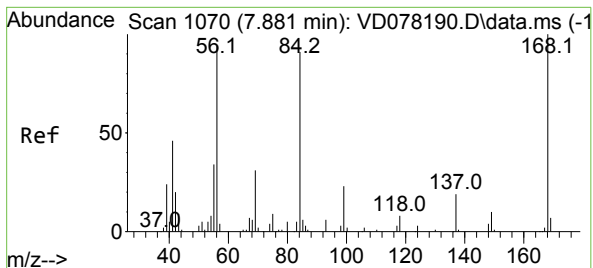
Tgt Ion: 42 Resp: 69015
Ion Ratio Lower Upper
42 100
72 49.1 46.5 69.7
71 43.8 44.5 66.7#



#30
Chloroform
Concen: 49.217 ug/l
RT: 7.604 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 83 Resp: 171838
Ion Ratio Lower Upper
83 100
85 67.8 53.4 80.2





#31

Cyclohexane

Concen: 47.545 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

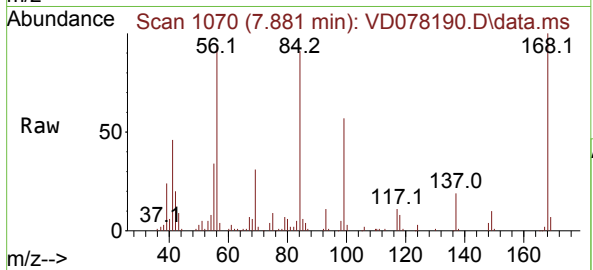
Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :



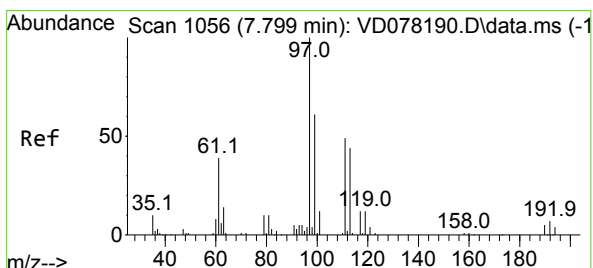
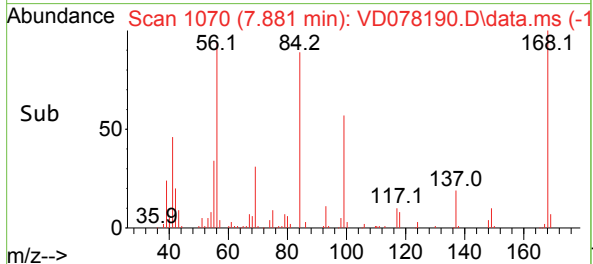
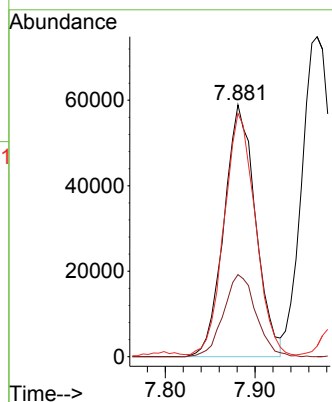
Tgt Ion: 56 Resp: 144350

Ion Ratio Lower Upper

56 100

69 32.6 28.6 43.0

84 95.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.245 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

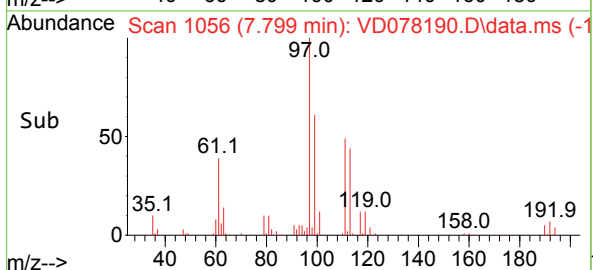
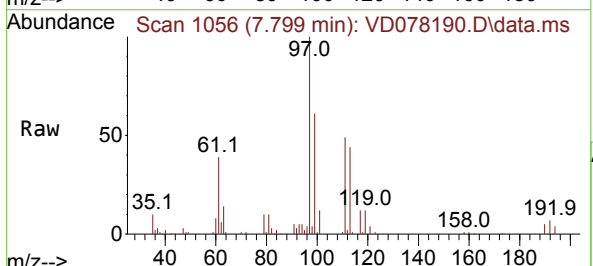
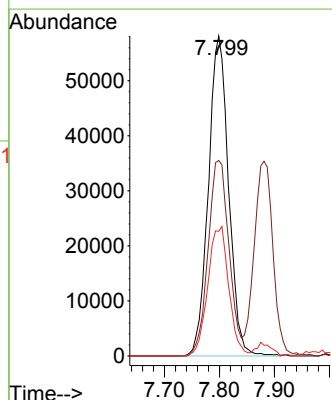
Tgt Ion: 97 Resp: 148521

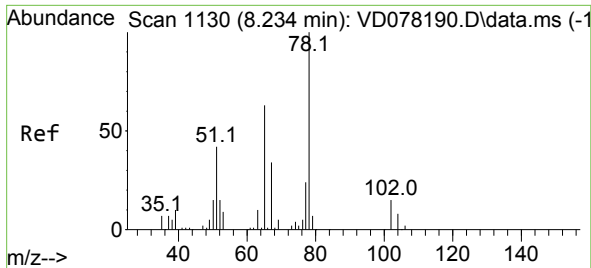
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 41.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

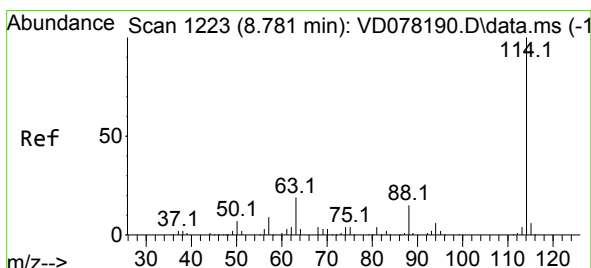
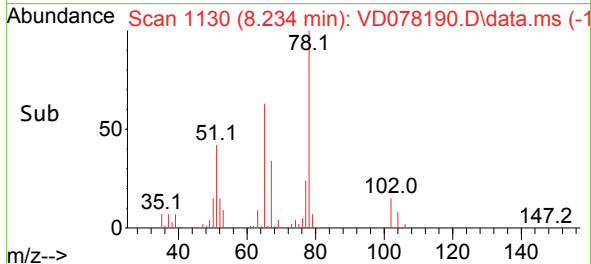
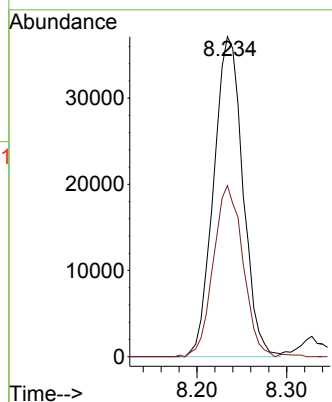
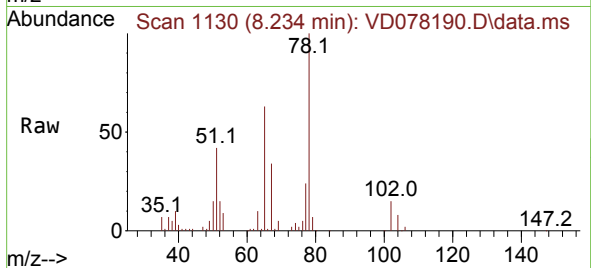
ClientSampleId :

Tgt Ion: 65 Resp: 84039

Ion Ratio Lower Upper

65 100

67 54.0 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: VD078190.D

Acq: 22 Jan 2024 11:54

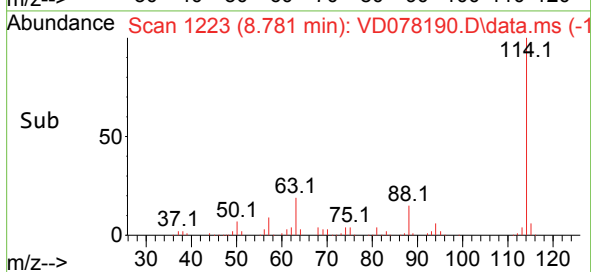
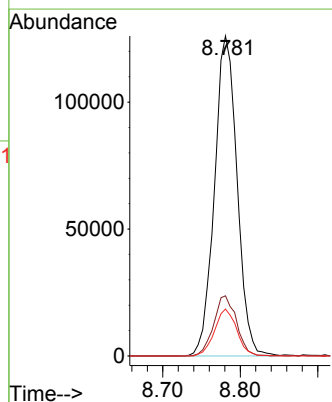
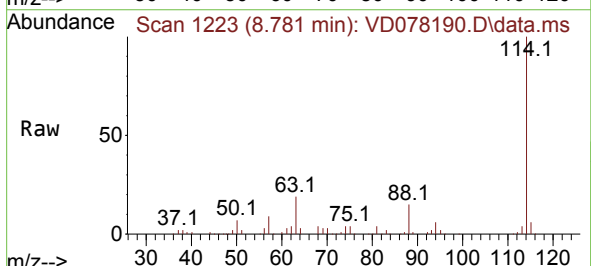
Tgt Ion: 114 Resp: 255865

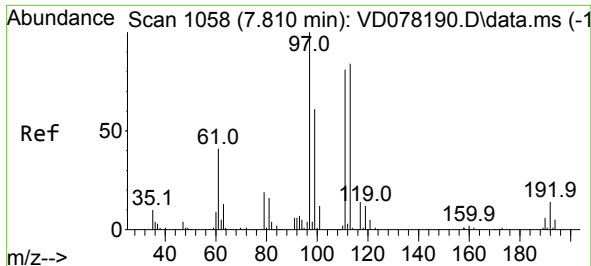
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.278 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

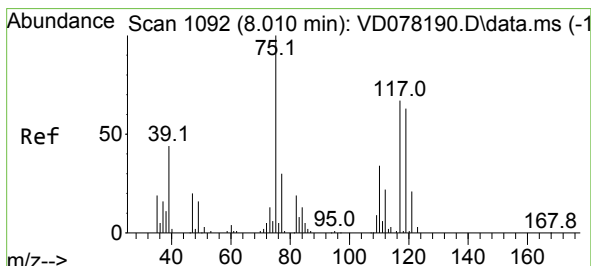
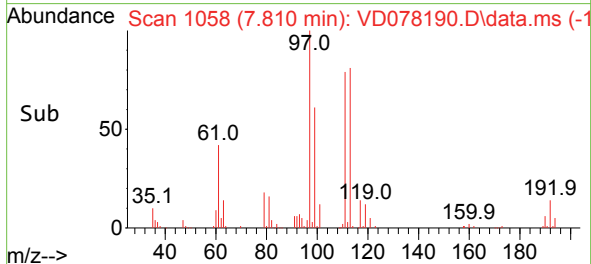
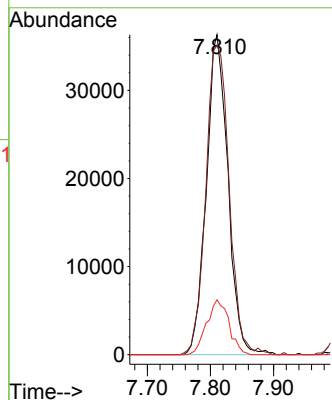
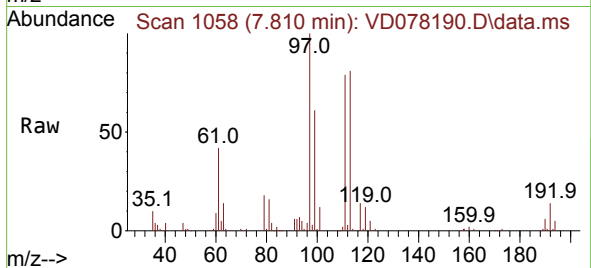
Tgt Ion:113 Resp: 86349

Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 17.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.307 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

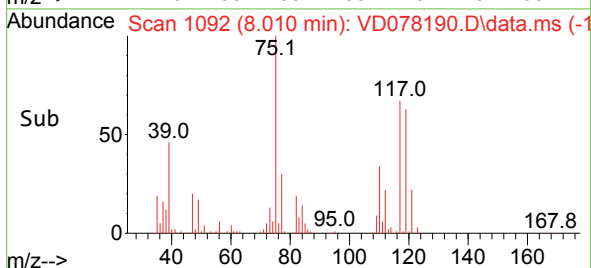
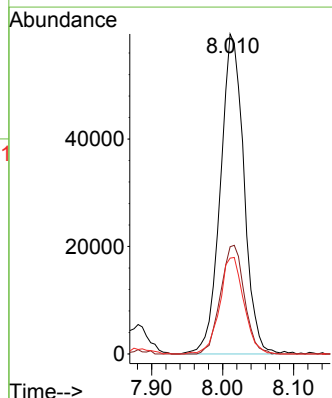
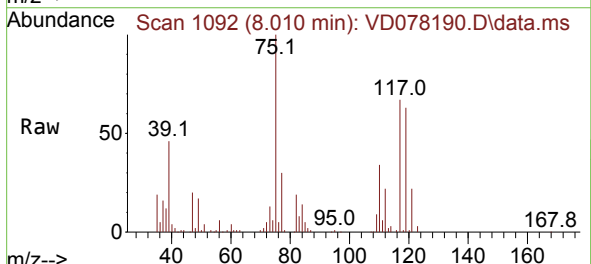
Tgt Ion: 75 Resp: 136540

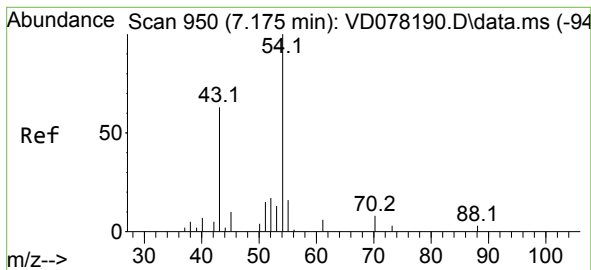
Ion Ratio Lower Upper

75 100

110 34.5 19.9 59.6

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 47.154 ug/l

RT: 7.175 min Scan# 950

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

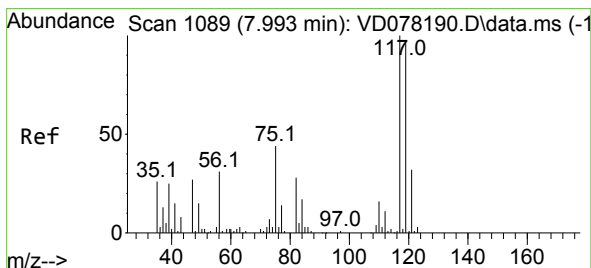
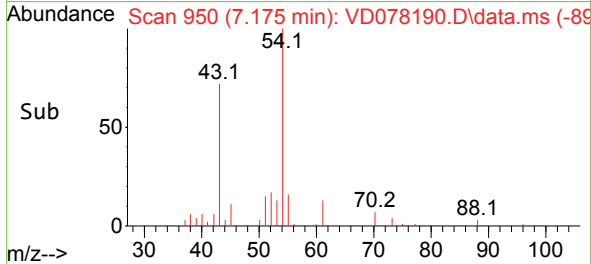
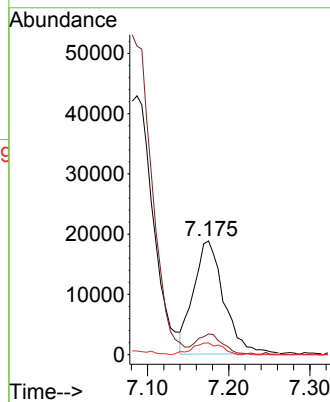
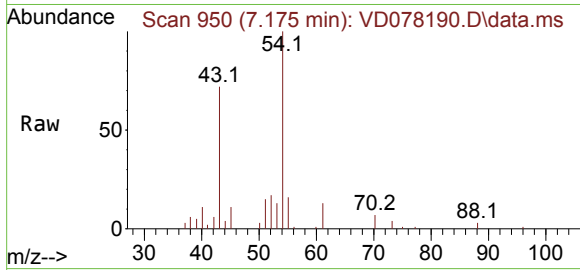
Tgt Ion: 43 Resp: 48611

Ion Ratio Lower Upper

43 100

61 15.6 14.9 22.3

70 10.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 48.814 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

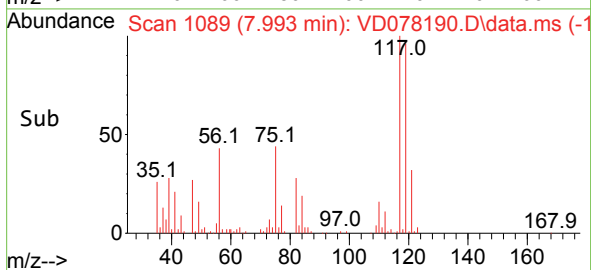
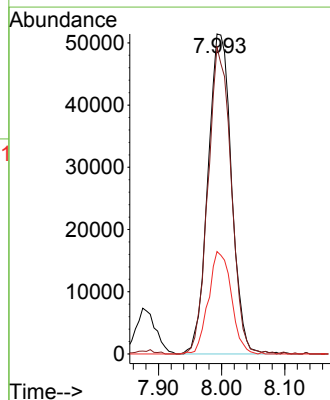
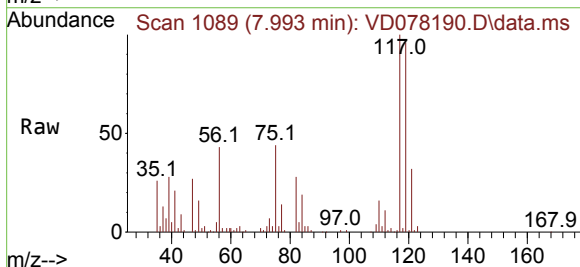
Tgt Ion: 117 Resp: 133502

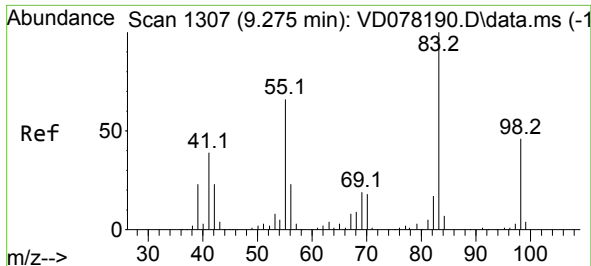
Ion Ratio Lower Upper

117 100

119 95.8 78.0 117.0

121 32.0 24.2 36.2

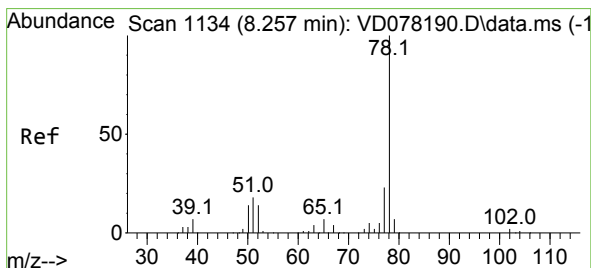
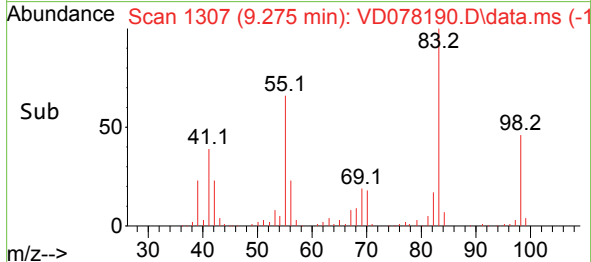
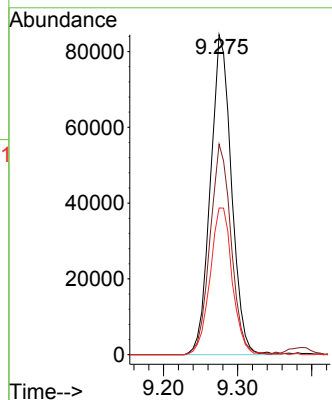
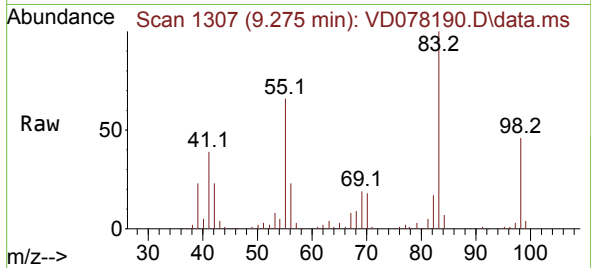




#39
Methylcyclohexane
Concen: 50.827 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

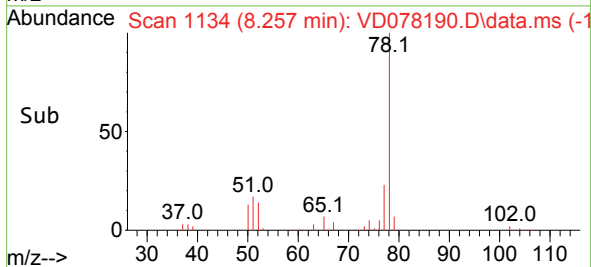
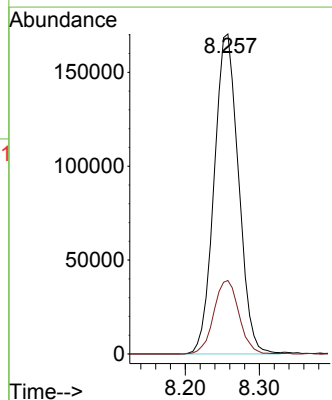
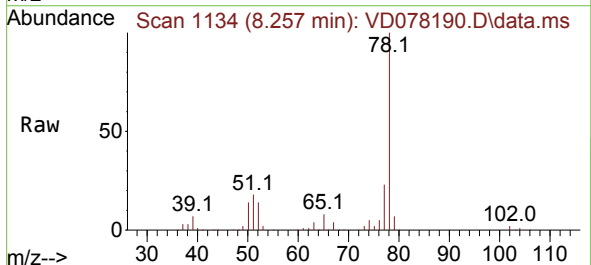
Instrument :
MSVOA_D
ClientSampleId :

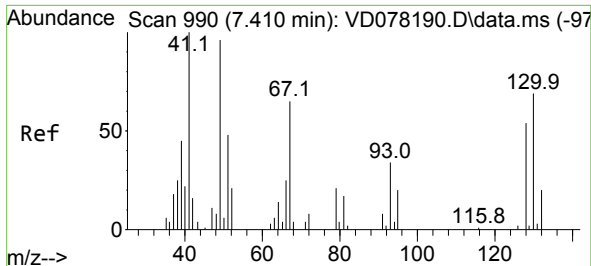
Tgt Ion: 83 Resp: 166453
Ion Ratio Lower Upper
83 100
55 65.8 49.4 74.0
98 45.9 38.4 57.6



#40
Benzene
Concen: 49.545 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 78 Resp: 389336
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0

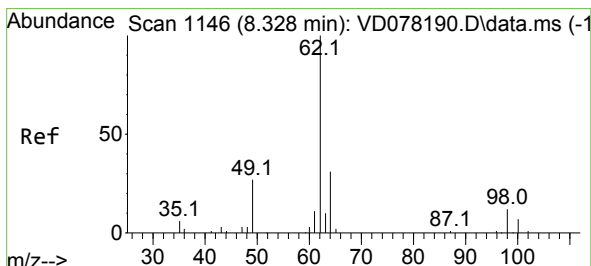
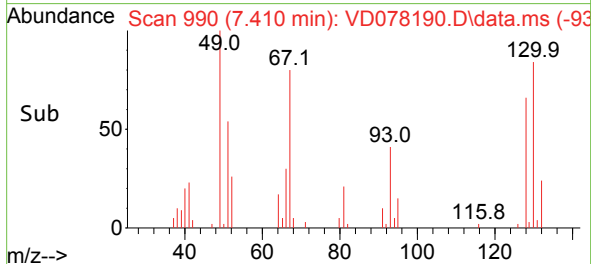
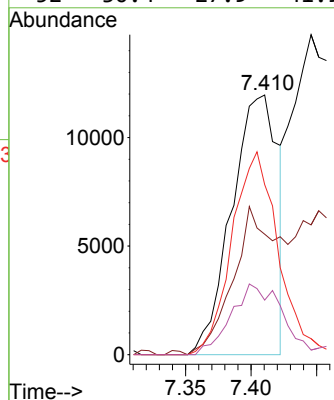
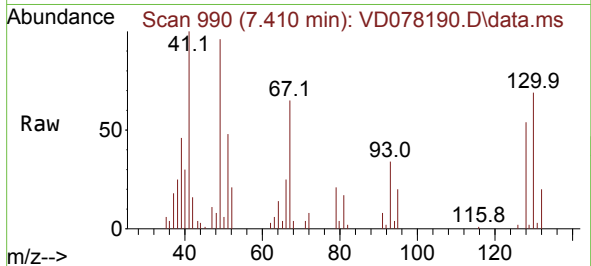




#41
Methacrylonitrile
Concen: 52.858 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

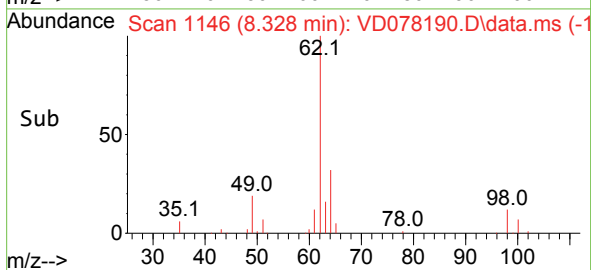
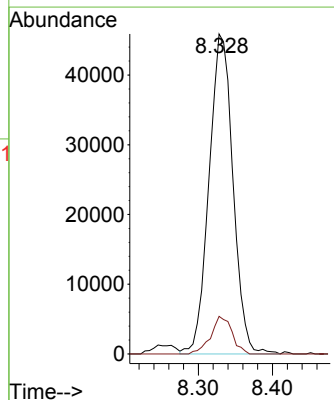
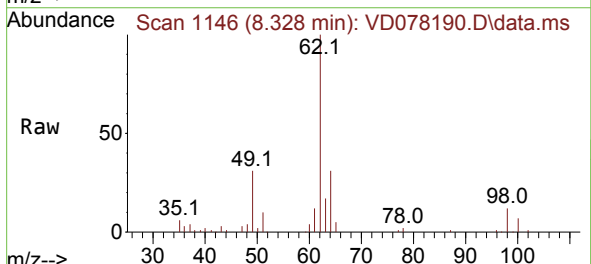
Instrument :
MSVOA_D
ClientSampleId :

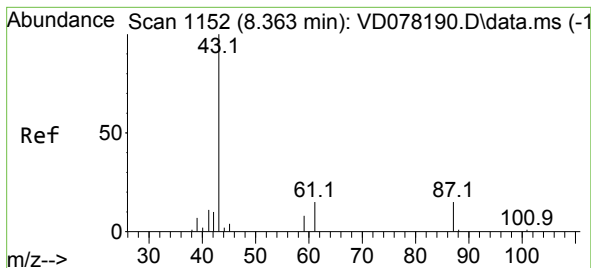
Tgt Ion: 41 Resp: 29321
Ion Ratio Lower Upper
41 100
39 58.3 34.0 51.0#
67 78.0 77.0 115.4
52 30.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.405 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 62 Resp: 103059
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4





#43

Isopropyl Acetate

Concen: 49.714 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

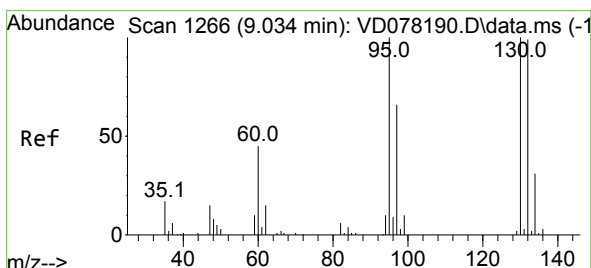
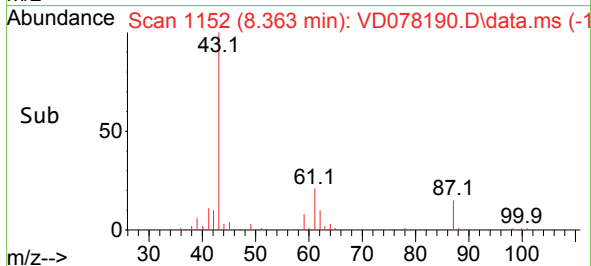
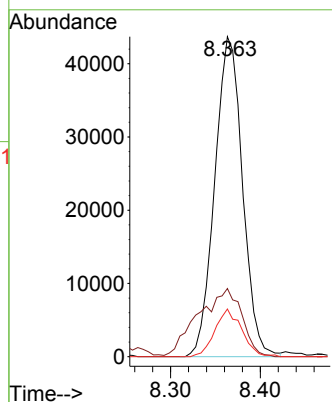
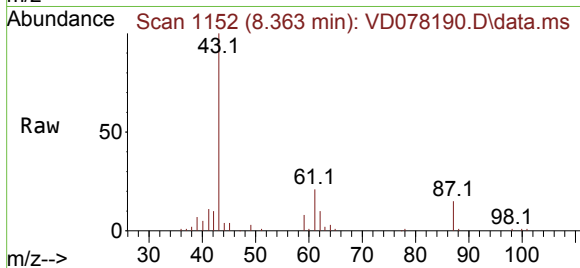
Tgt Ion: 43 Resp: 93893

Ion Ratio Lower Upper

43 100

61 33.4 31.4 47.0

87 14.4 14.9 22.3



#44

Trichloroethene

Concen: 48.090 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD078190.D

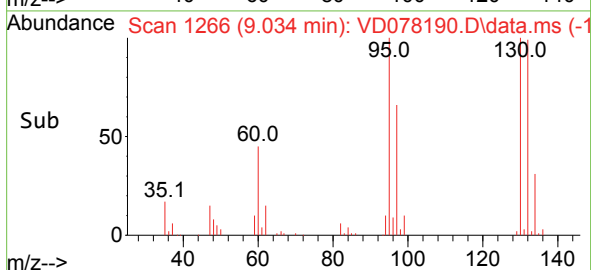
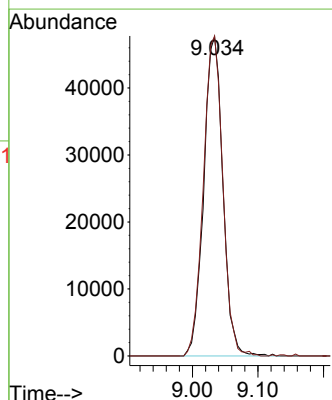
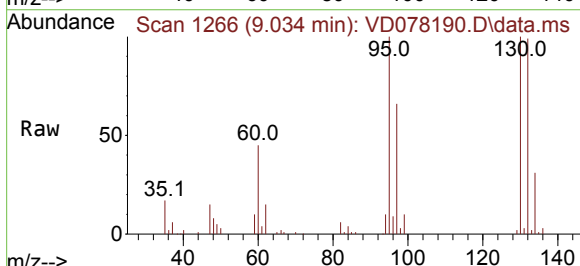
Acq: 22 Jan 2024 11:54

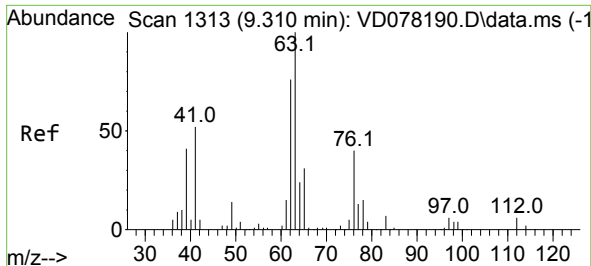
Tgt Ion:130 Resp: 96681

Ion Ratio Lower Upper

130 100

95 100.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.678 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

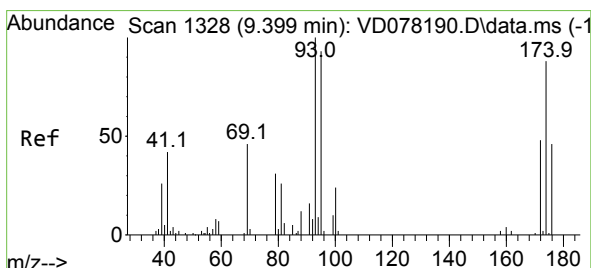
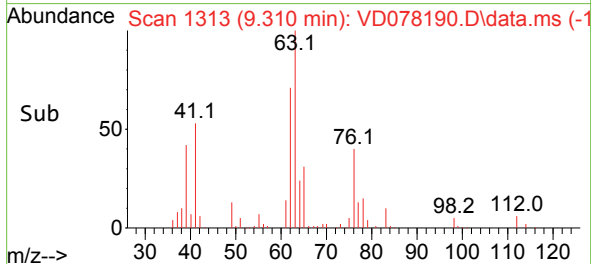
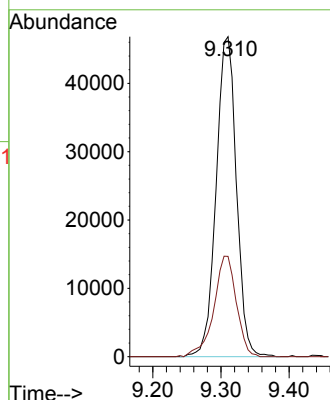
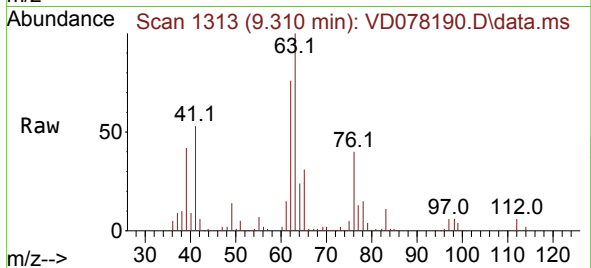
ClientSampleId :

Tgt Ion: 63 Resp: 96871

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 48.064 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

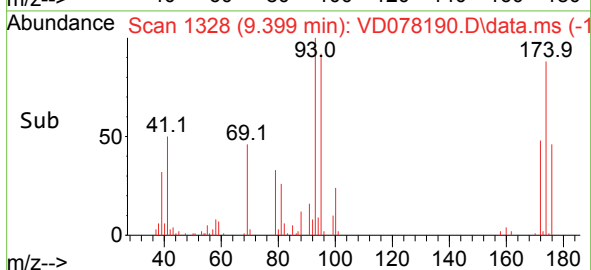
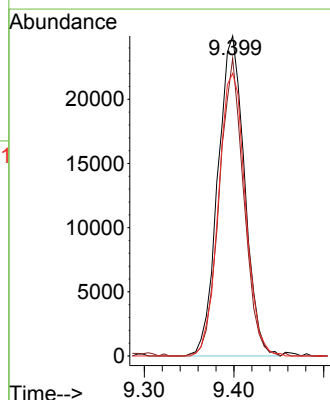
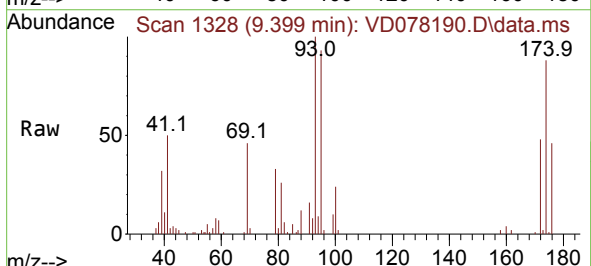
Tgt Ion: 93 Resp: 51470

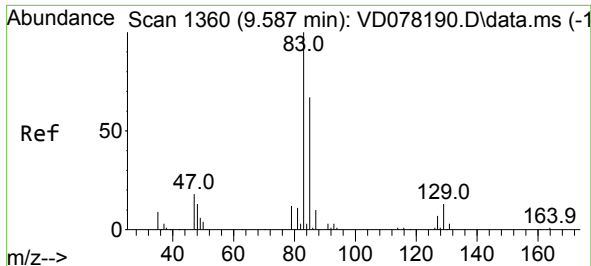
Ion Ratio Lower Upper

93 100

95 85.2 67.7 101.5

174 89.0 85.4 128.2

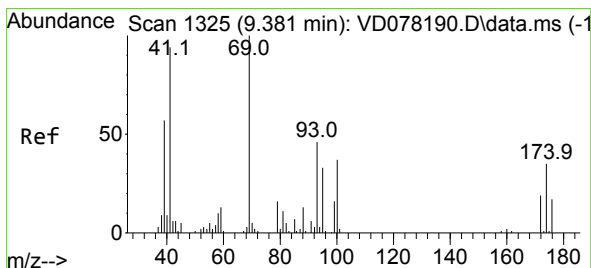
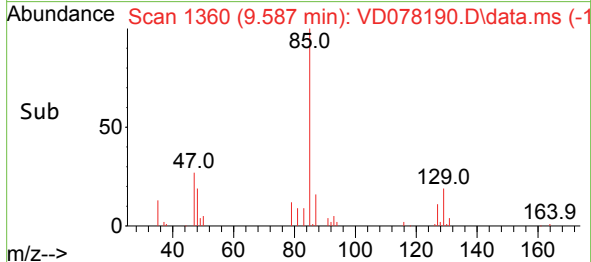
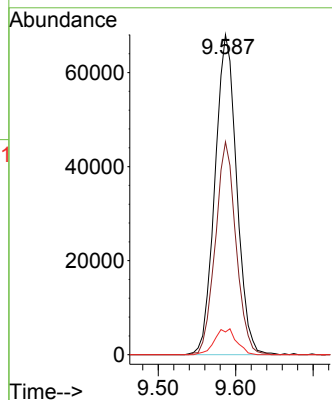
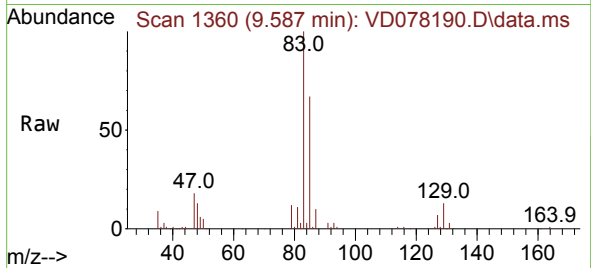




#47
Bromodichloromethane
Concen: 49.332 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

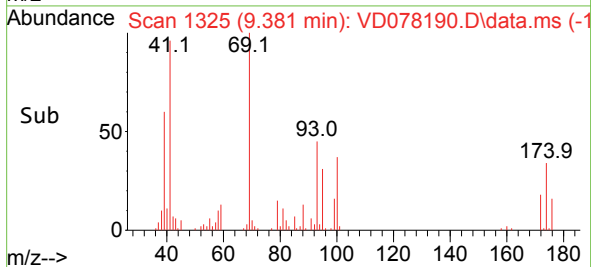
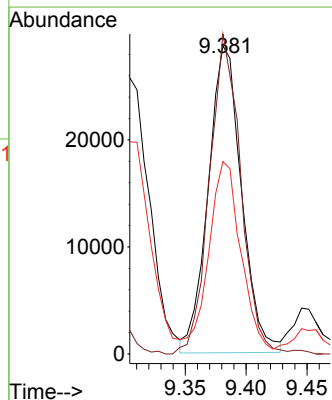
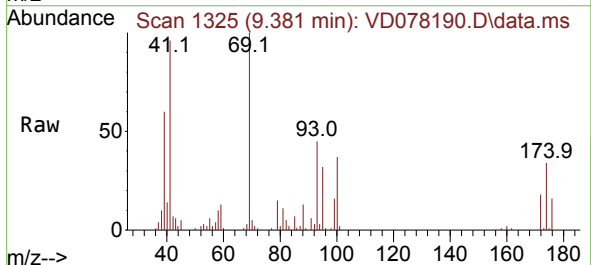
Instrument :
MSVOA_D
ClientSampleId :

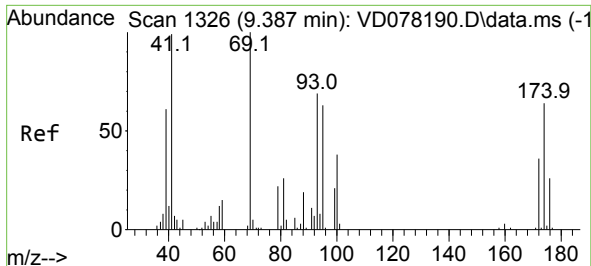
Tgt Ion: 83 Resp: 132704
Ion Ratio Lower Upper
83 100
85 66.5 50.2 75.4
127 7.1 6.3 9.5



#48
Methyl methacrylate
Concen: 50.005 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 41 Resp: 54678
Ion Ratio Lower Upper
41 100
69 97.4 102.2 153.2#
39 57.3 41.4 62.2





#49

1,4-Dioxane

Concen: 924.453 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

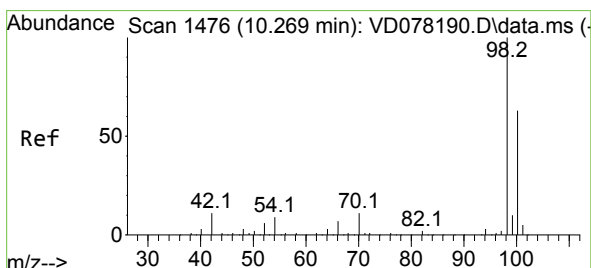
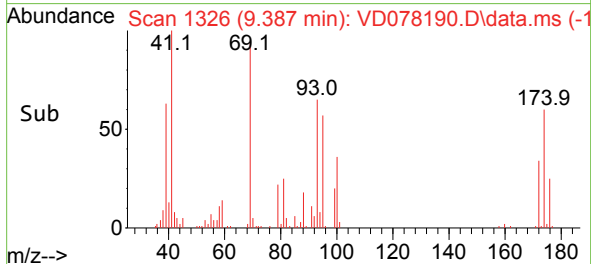
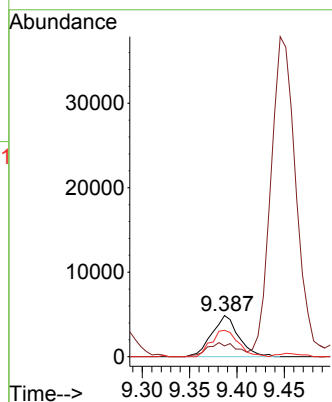
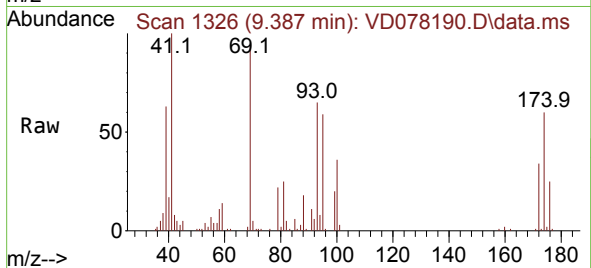
Tgt Ion: 88 Resp: 9579

Ion Ratio Lower Upper

88 100

43 37.3 19.0 28.6#

58 64.6 43.5 65.3



#50

Toluene-d8

Concen: 51.986 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078190.D

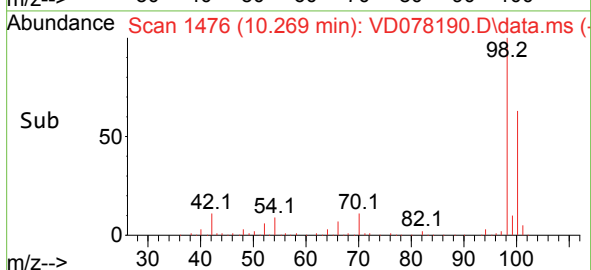
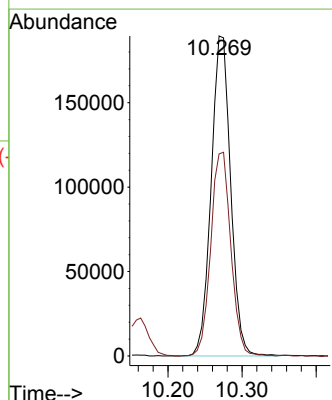
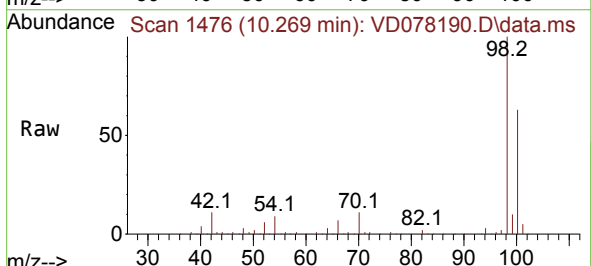
Acq: 22 Jan 2024 11:54

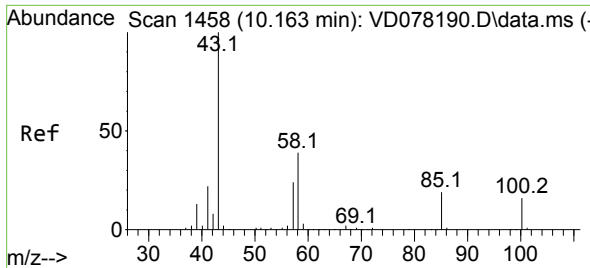
Tgt Ion: 98 Resp: 346628

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

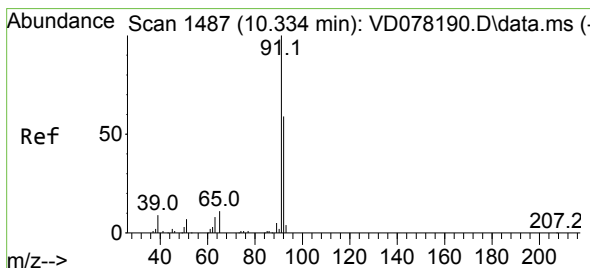
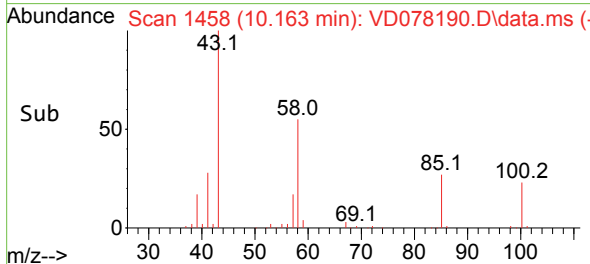
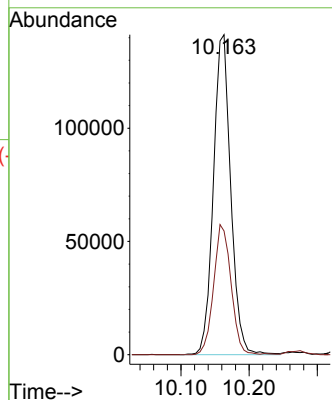
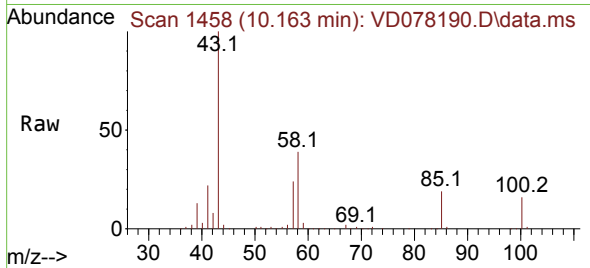




#51
4-Methyl-2-Pentanone
Concen: 252.461 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

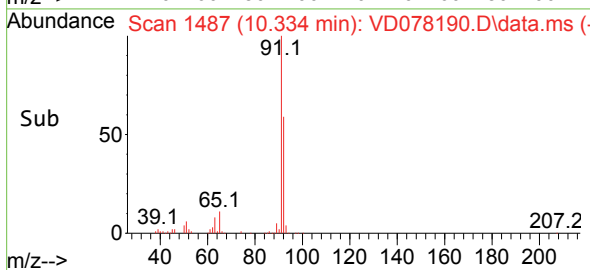
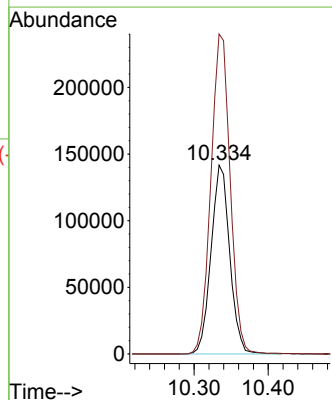
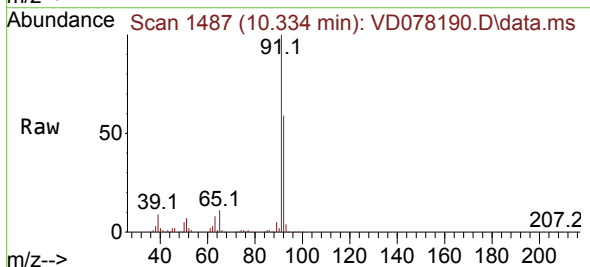
Instrument :
MSVOA_D
ClientSampleId :

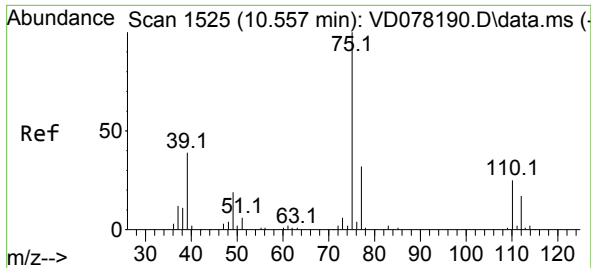
Tgt Ion: 43 Resp: 250558
Ion Ratio Lower Upper
43 100
58 40.7 38.9 58.3



#52
Toluene
Concen: 49.768 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 92 Resp: 247898
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

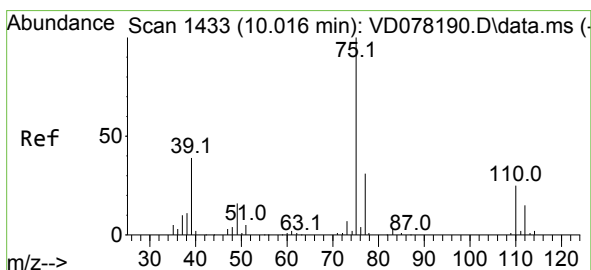
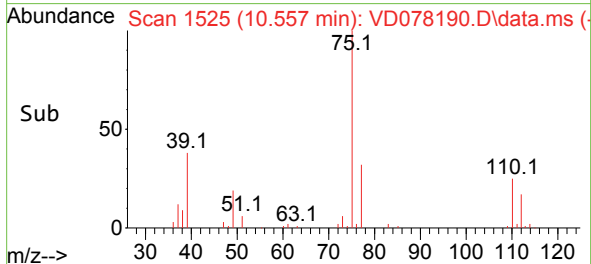
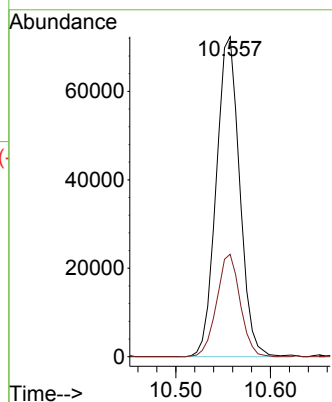
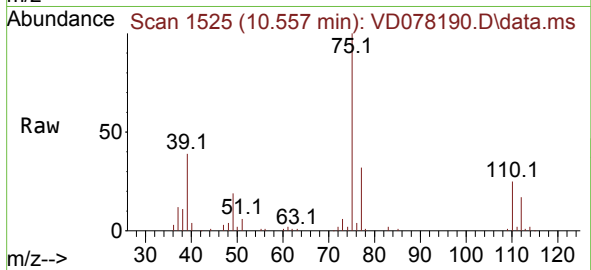




#53
 t-1,3-Dichloropropene
 Concen: 50.154 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

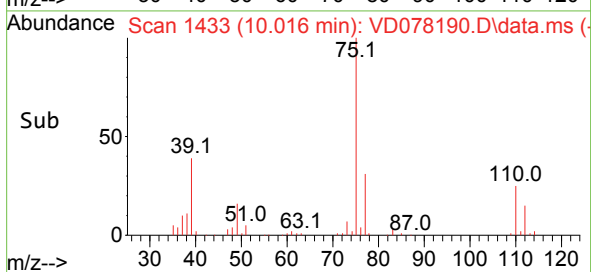
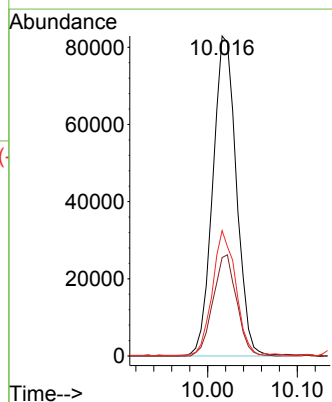
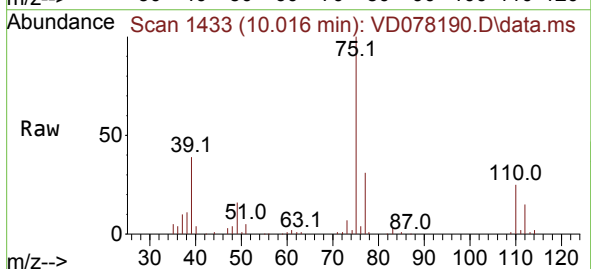
Instrument :
 MSVOA_D
 ClientSampleId :

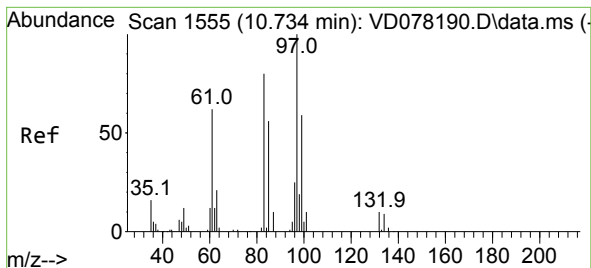
Tgt Ion: 75 Resp: 124467
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.813 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

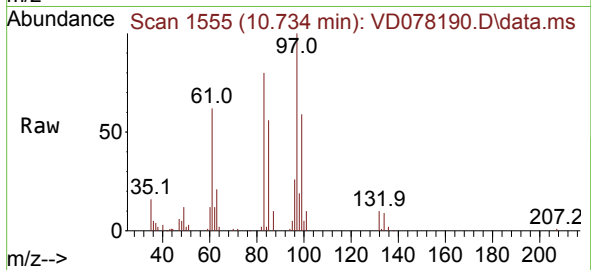
Tgt Ion: 75 Resp: 151171
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 38.9 22.1 33.1#



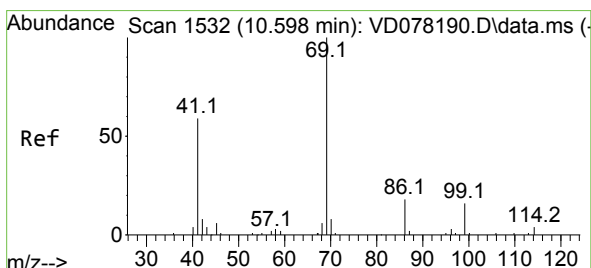
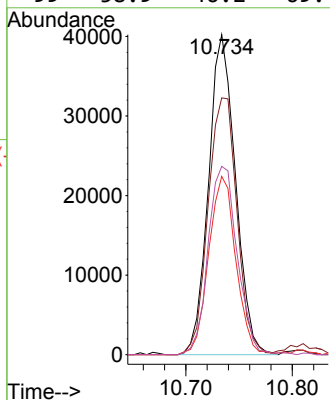
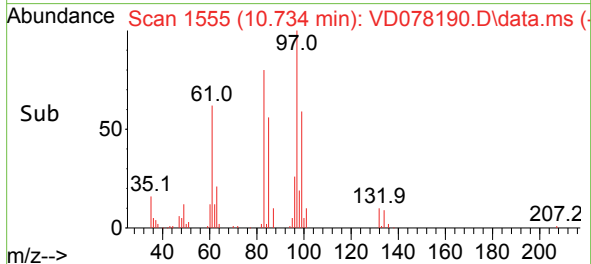


#55
1,1,2-Trichloroethane
Concen: 49.391 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :

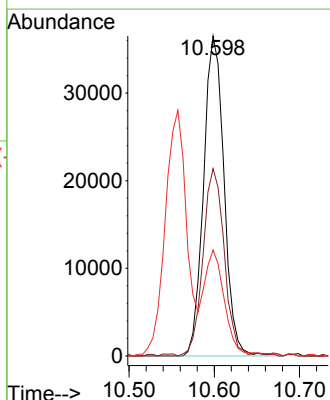
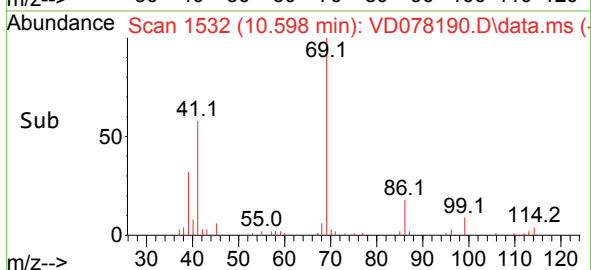
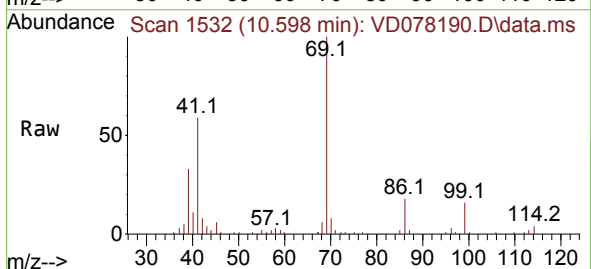


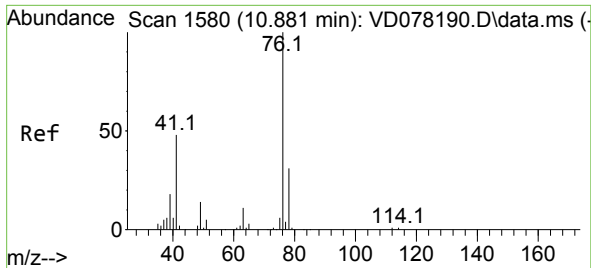
Tgt Ion:	97	Resp:	70773
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.8	98.6
85	55.7	45.7	68.5
99	58.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 51.923 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:	69	Resp:	60905
Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.1	58.7#
39	33.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 49.763 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

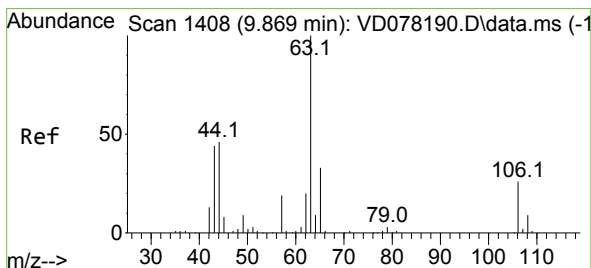
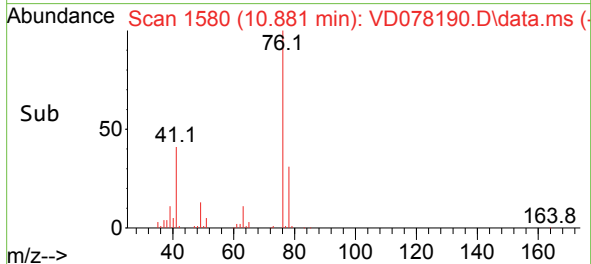
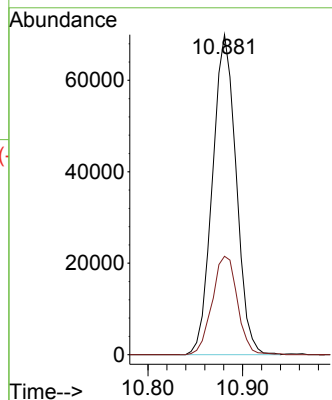
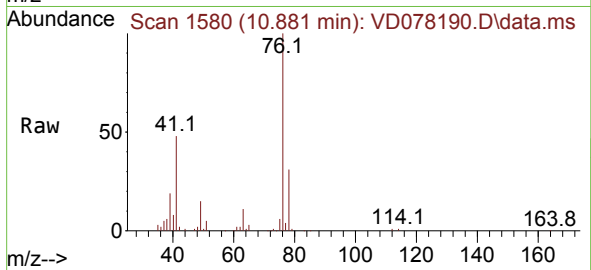
ClientSampleId :

Tgt Ion: 76 Resp: 121946

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.563 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078190.D

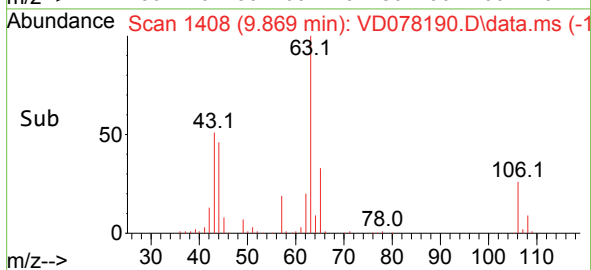
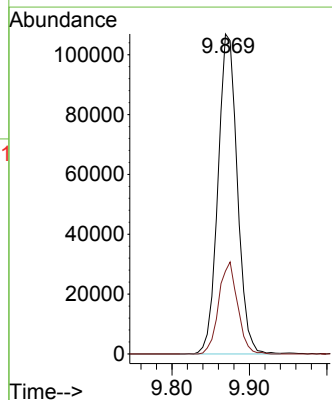
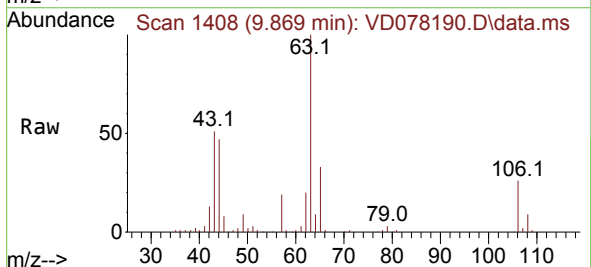
Acq: 22 Jan 2024 11:54

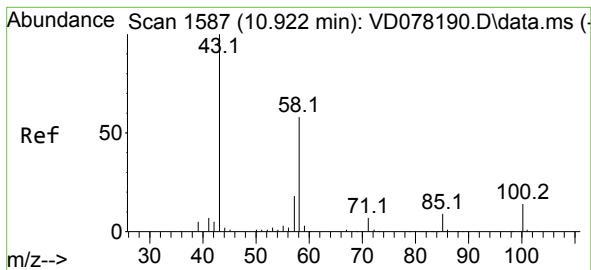
Tgt Ion: 63 Resp: 185268

Ion Ratio Lower Upper

63 100

106 28.0 25.3 37.9

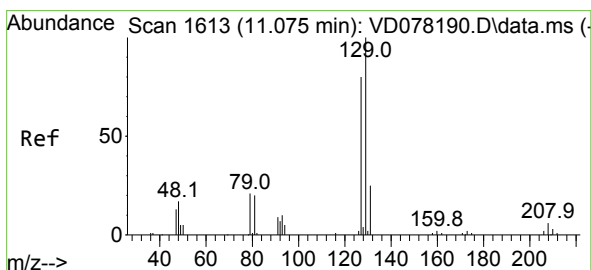
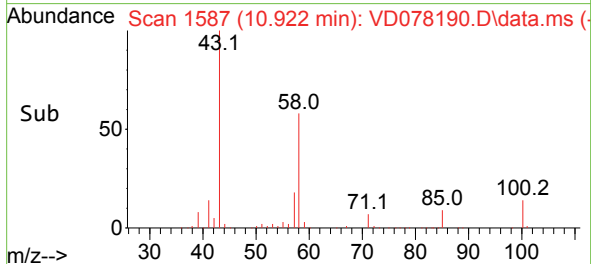
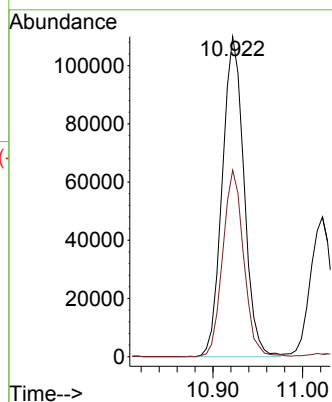
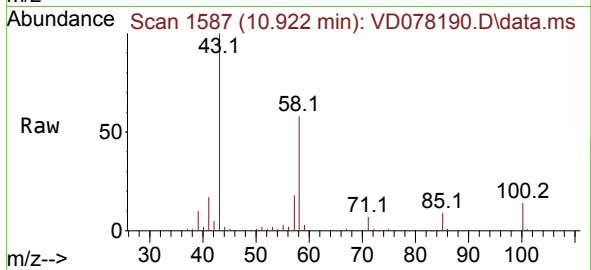




#59
2-Hexanone
Concen: 228.746 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

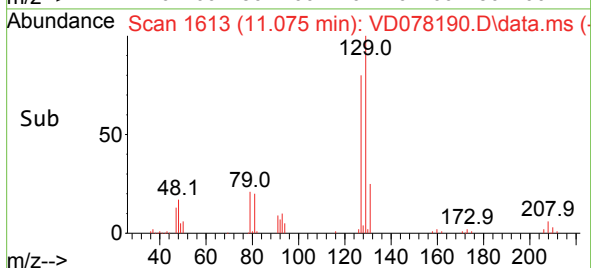
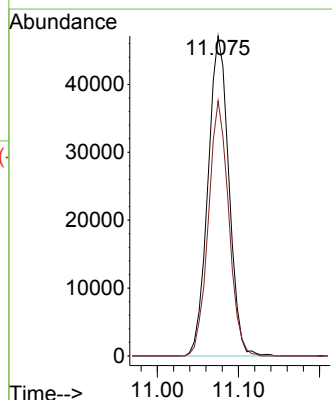
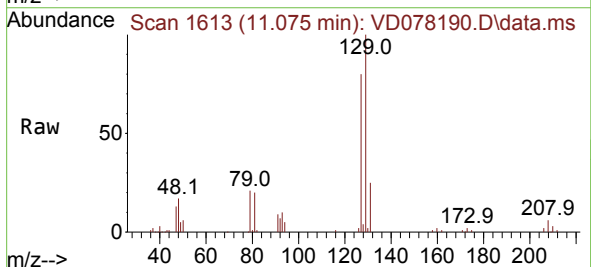
Instrument :
MSVOA_D
ClientSampleId :

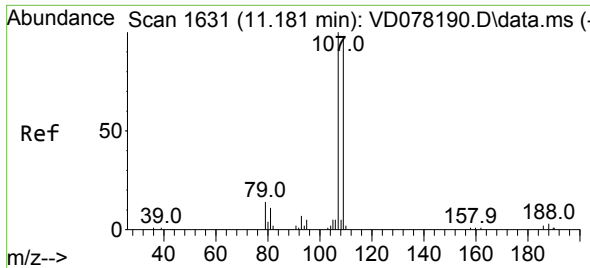
Tgt Ion: 43 Resp: 184482
Ion Ratio Lower Upper
43 100
58 56.4 34.1 102.2



#60
Dibromochloromethane
Concen: 49.882 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:129 Resp: 84271
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

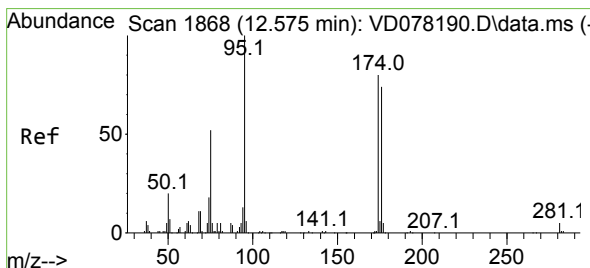
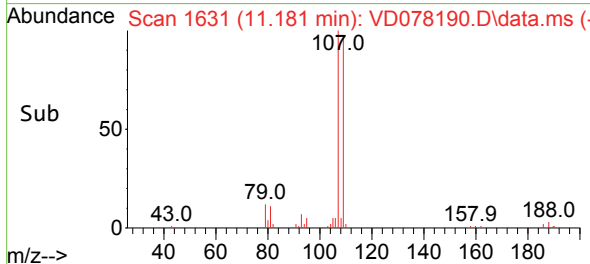
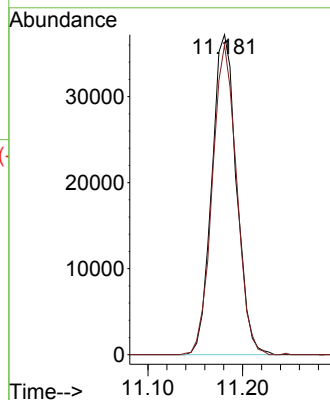
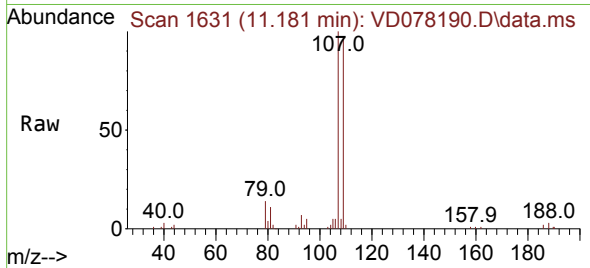




#61
1,2-Dibromoethane
Concen: 50.923 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

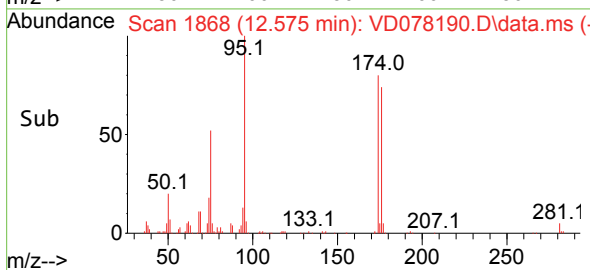
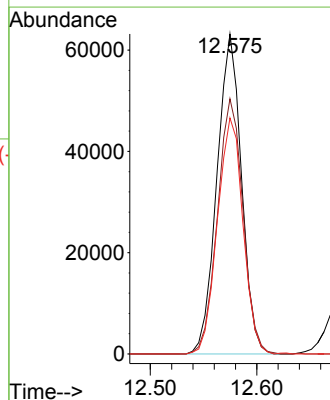
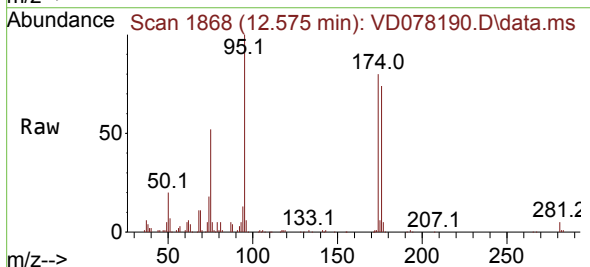
Instrument :
MSVOA_D
ClientSampleId :

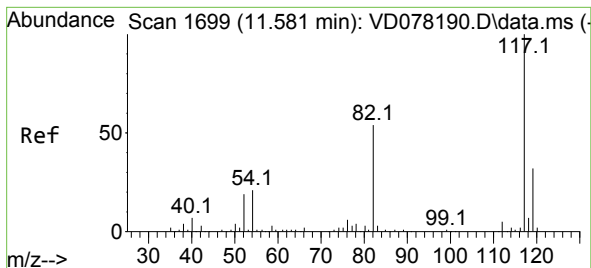
Tgt Ion:107 Resp: 67262
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 95 Resp: 100966
Ion Ratio Lower Upper
95 100
174 82.8 0.0 201.8
176 76.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

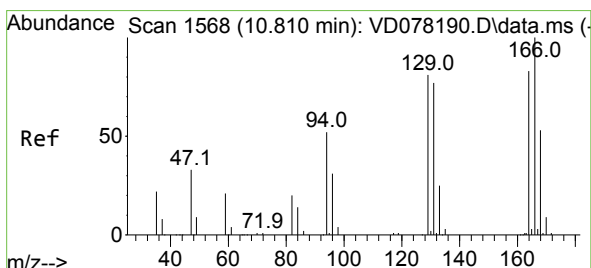
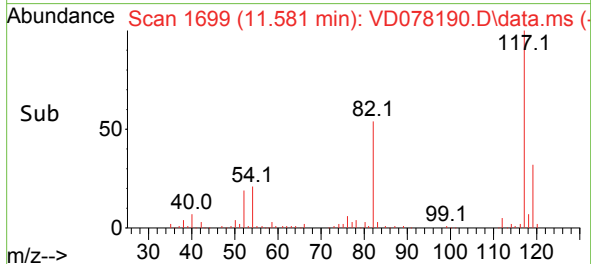
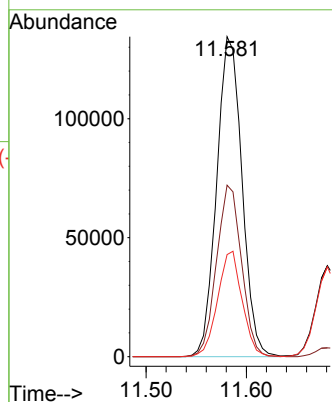
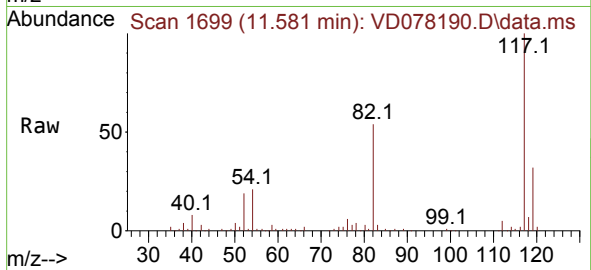
Tgt Ion:117 Resp: 235497

Ion Ratio Lower Upper

117 100

82 53.6 38.3 57.5

119 31.9 25.0 37.4



#64

Tetrachloroethene

Concen: 48.523 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Tgt Ion:164 Resp: 74716

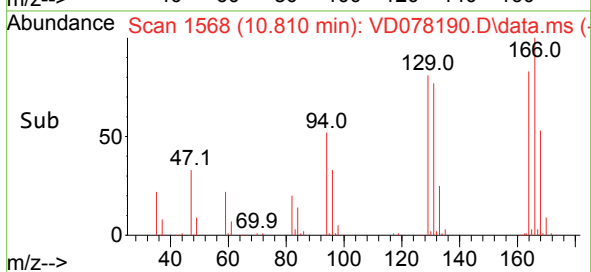
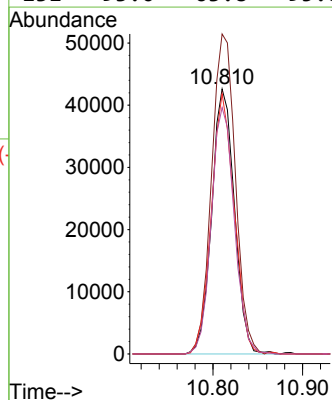
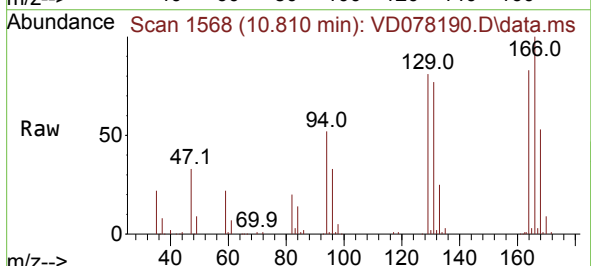
Ion Ratio Lower Upper

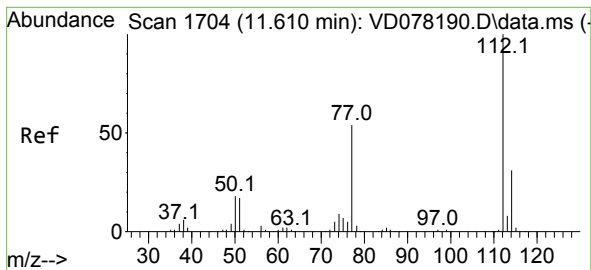
164 100

166 120.7 99.2 148.8

129 98.2 68.4 102.6

131 93.0 63.8 95.8

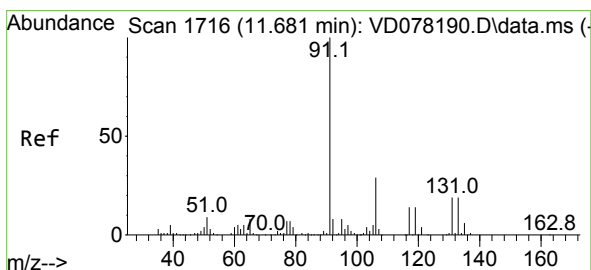
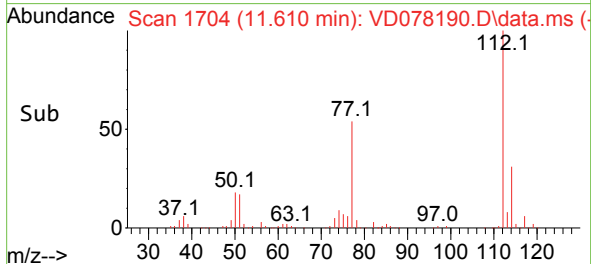
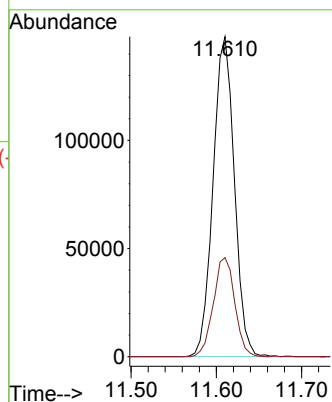
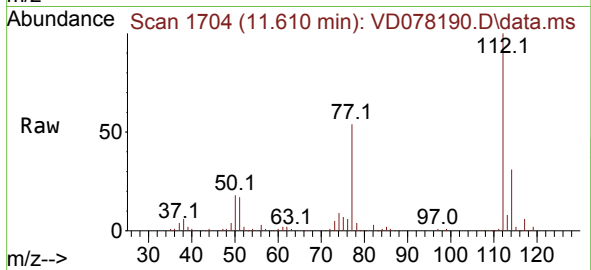




#65
Chlorobenzene
Concen: 49.323 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

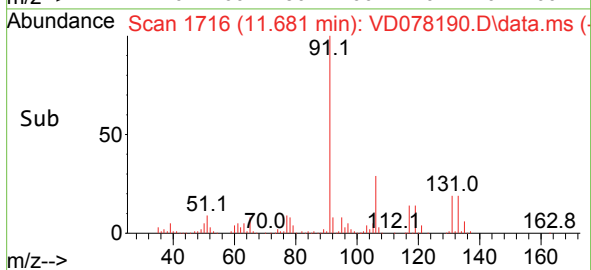
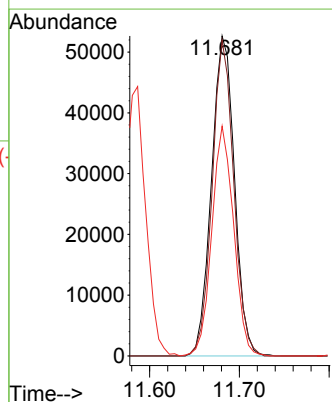
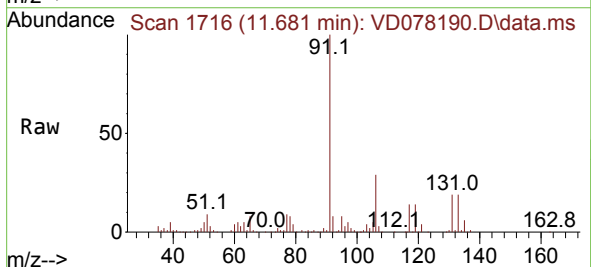
Instrument :
MSVOA_D
ClientSampleId :

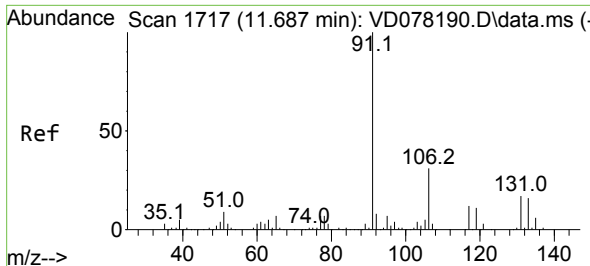
Tgt Ion:112 Resp: 256595
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.315 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:131 Resp: 93540
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 68.5 35.6 106.9

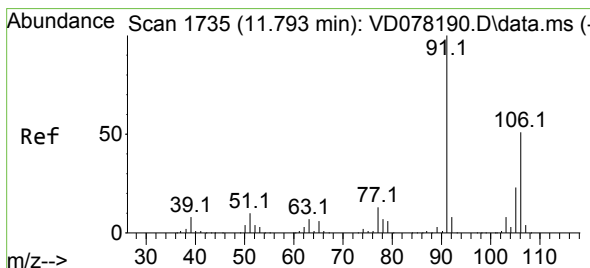
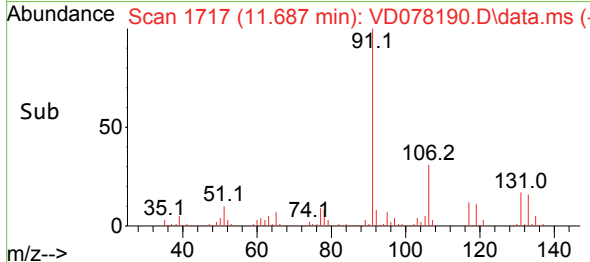
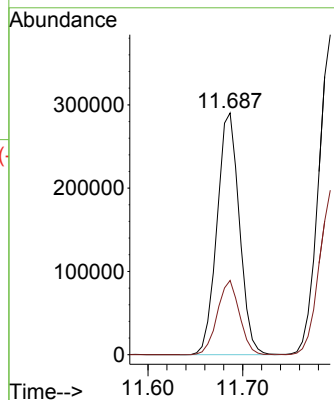
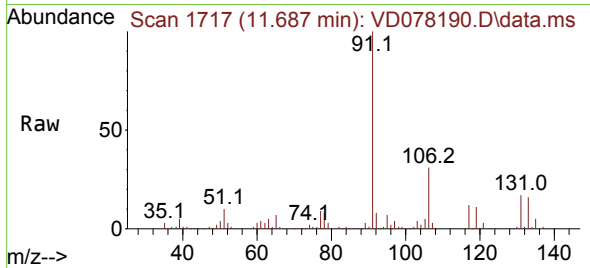




#67
Ethyl Benzene
Concen: 50.273 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

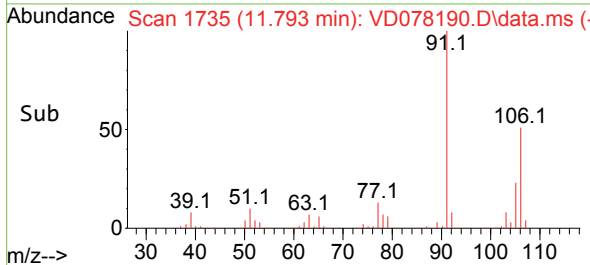
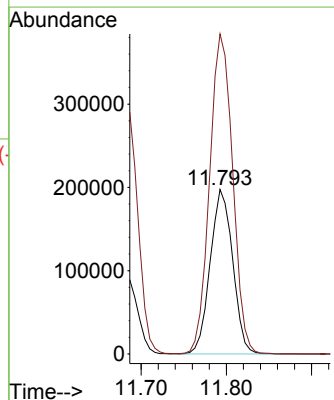
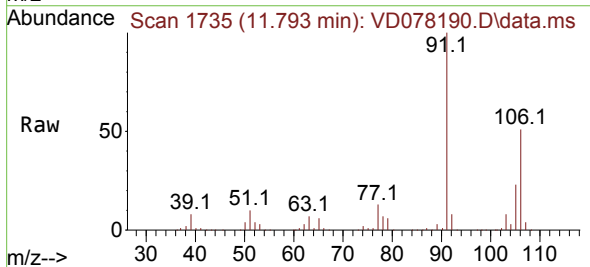
Instrument :
MSVOA_D
ClientSampleId :

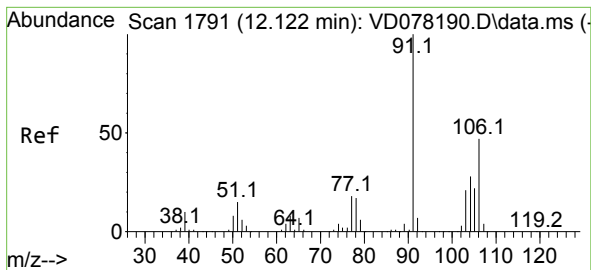
Tgt Ion: 91 Resp: 475933
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 100.409 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:106 Resp: 363045
Ion Ratio Lower Upper
106 100
91 199.8 147.0 220.6

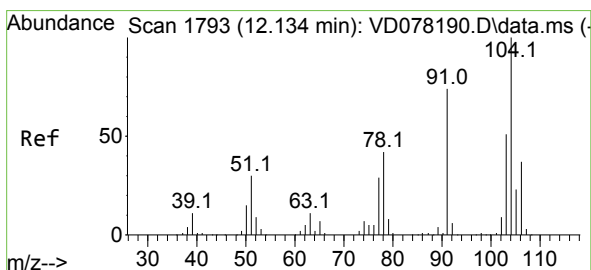
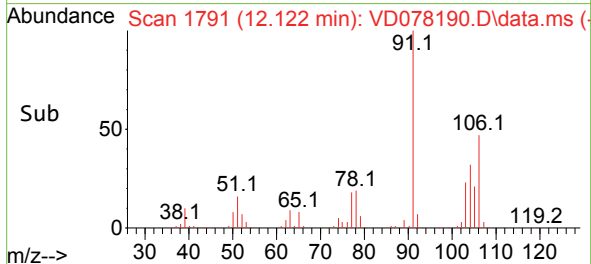
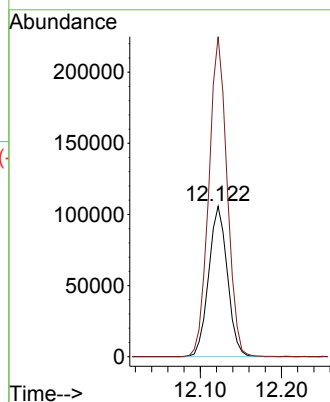
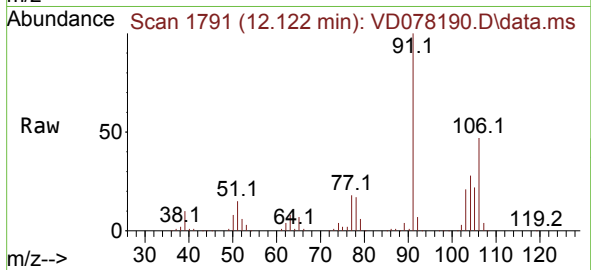




#69
o-Xylene
Concen: 51.496 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

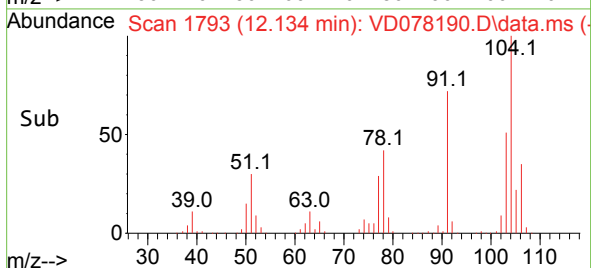
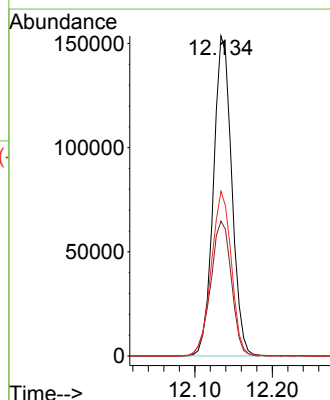
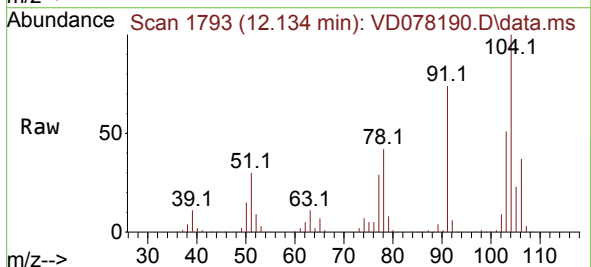
Instrument :
MSVOA_D
ClientSampleId :

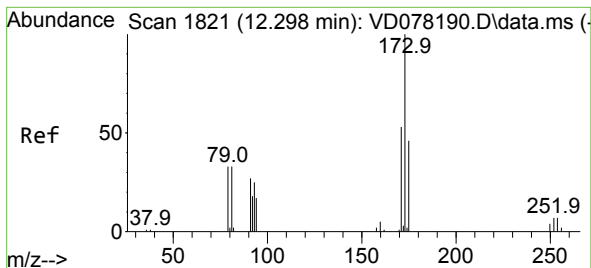
Tgt Ion:106 Resp: 168976
Ion Ratio Lower Upper
106 100
91 208.4 97.9 293.6



#70
Styrene
Concen: 51.440 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:104 Resp: 252931
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.0 43.6 65.4





#71

Bromoform

Concen: 48.501 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

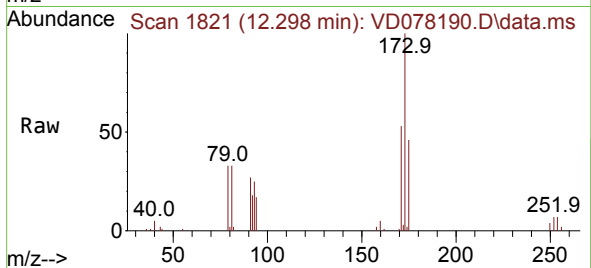
Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :



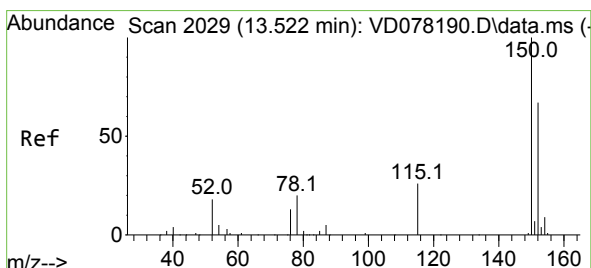
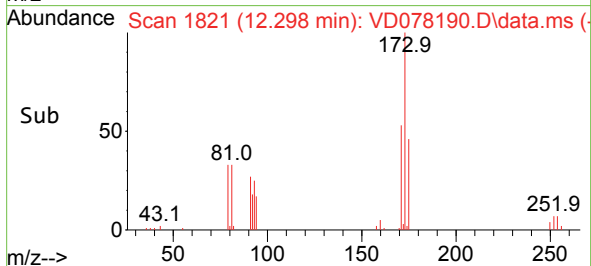
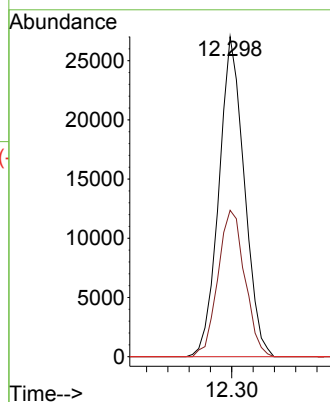
Tgt Ion:173 Resp: 44653

Ion Ratio Lower Upper

173 100

175 48.5 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: VD078190.D

Acq: 22 Jan 2024 11:54

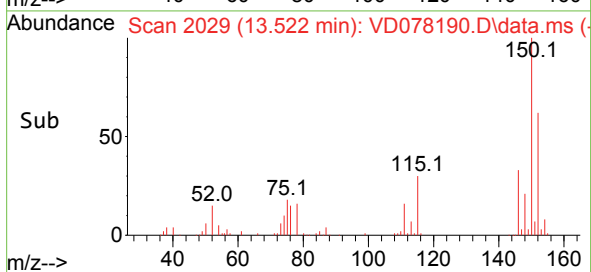
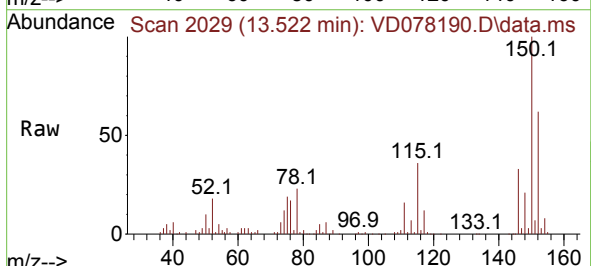
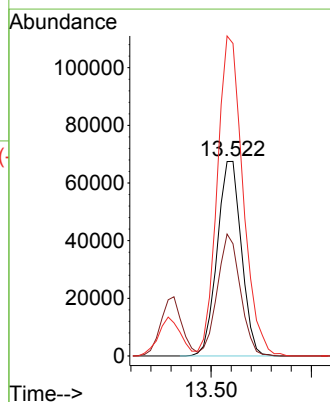
Tgt Ion:152 Resp: 113219

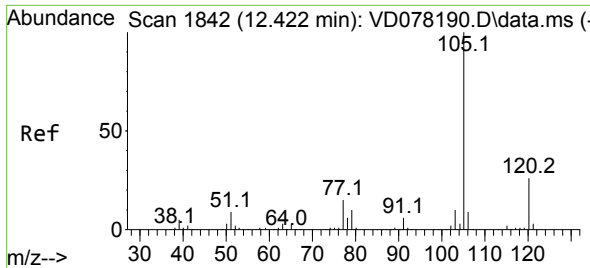
Ion Ratio Lower Upper

152 100

115 59.7 27.1 81.3

150 174.2 0.0 353.6

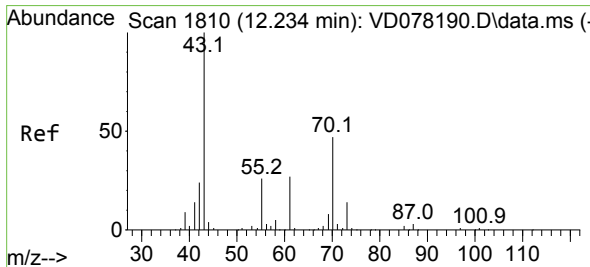
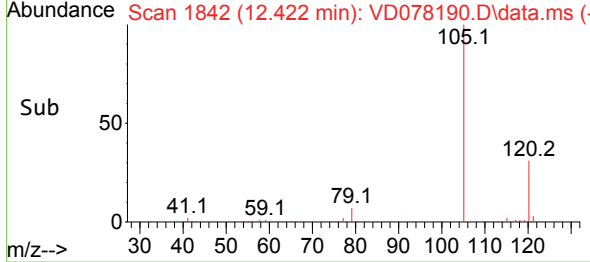
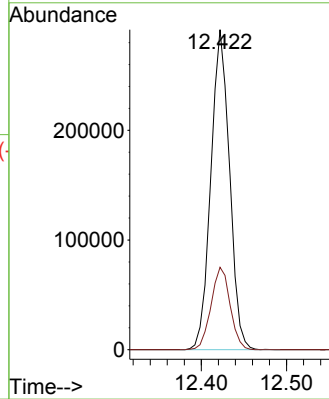
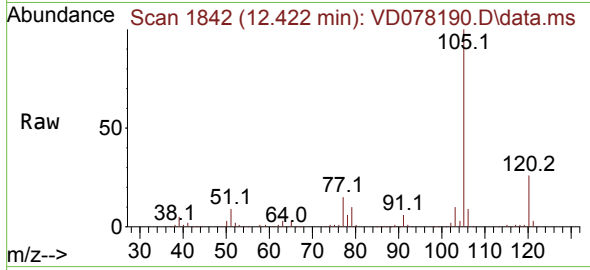




#73
Isopropylbenzene
Concen: 49.807 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

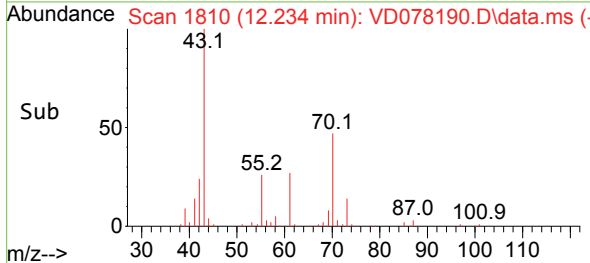
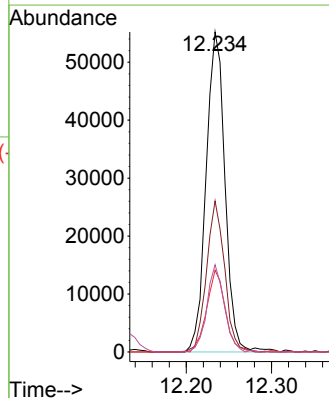
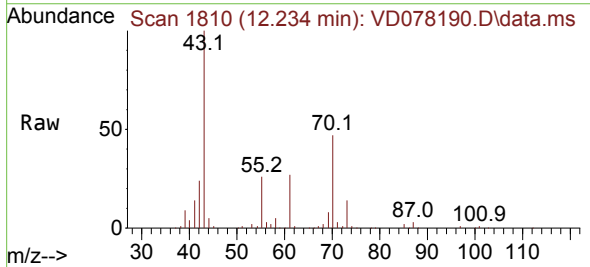
Instrument :
MSVOA_D
ClientSampleId :

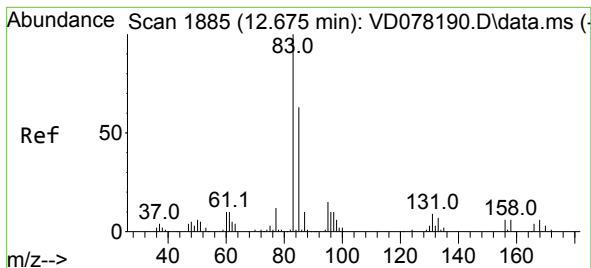
Tgt Ion:105 Resp: 443392
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 50.030 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 43 Resp: 85210
Ion Ratio Lower Upper
43 100
70 45.2 45.0 67.4
55 25.1 23.8 35.6
61 25.4 22.1 33.1

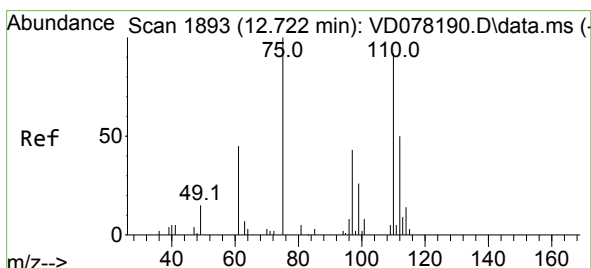
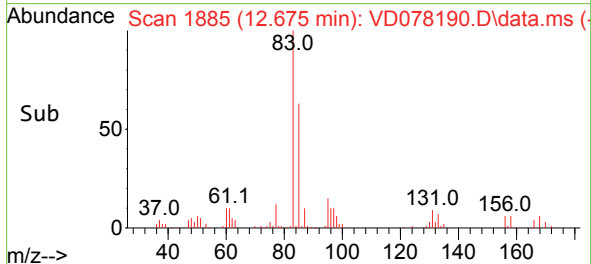
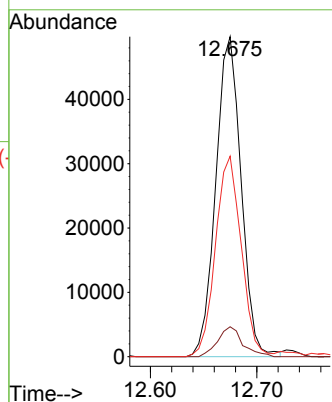
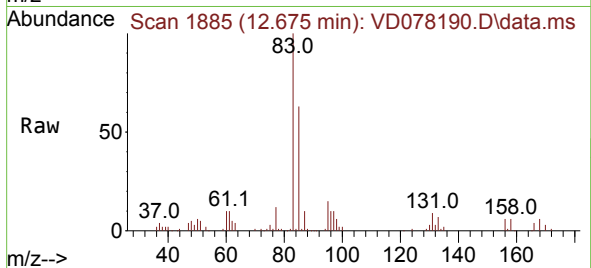




#75
1,1,2,2-Tetrachloroethane
Concen: 49.661 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

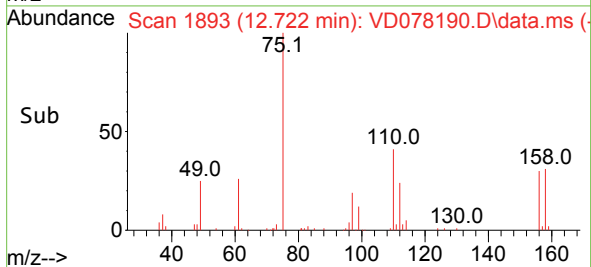
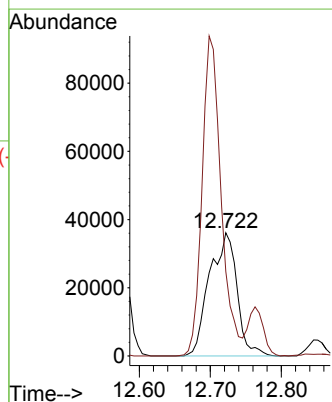
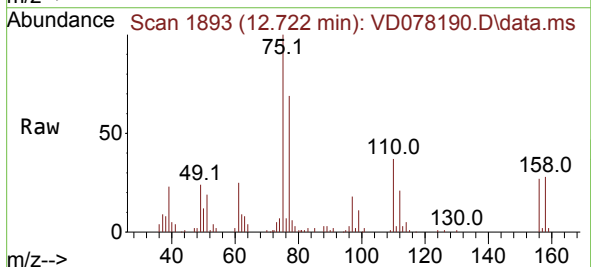
Instrument :
MSVOA_D
ClientSampleId :

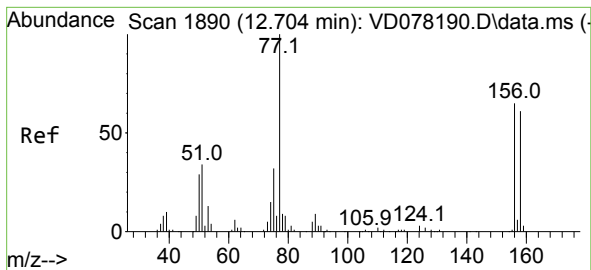
Tgt Ion:	83	Resp:	82261
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.1	15.3
85	63.6	32.6	97.8



#76
1,2,3-Trichloropropane
Concen: 93.019 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:	75	Resp:	97331
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

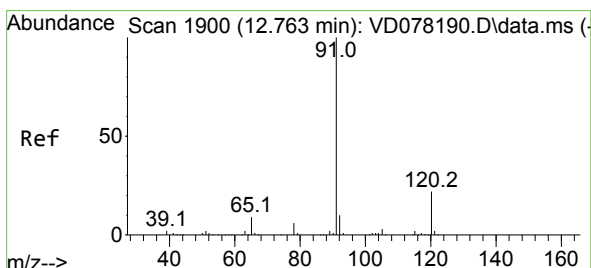
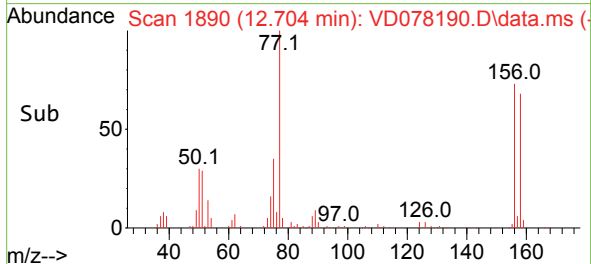
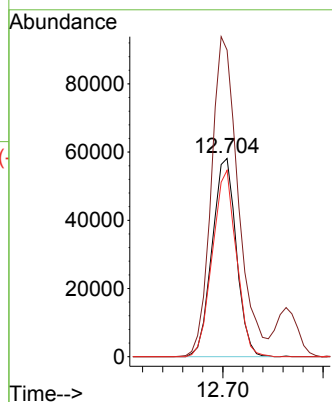
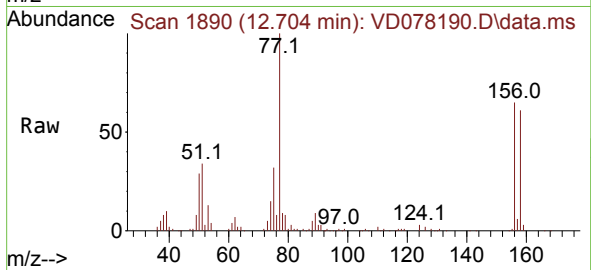




#77
Bromobenzene
Concen: 49.918 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

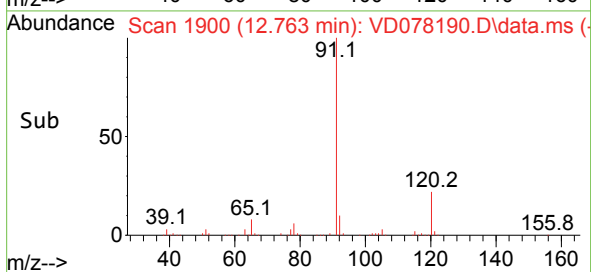
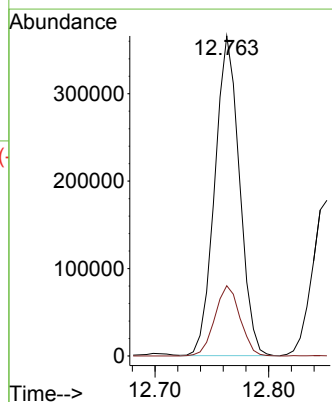
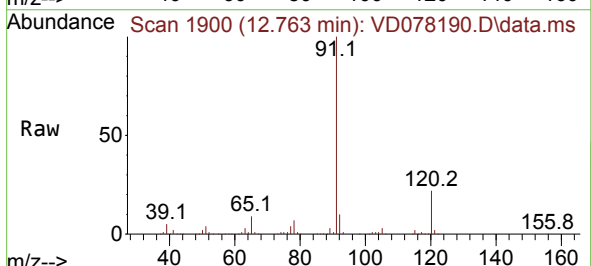
Instrument :
MSVOA_D
ClientSampleId :

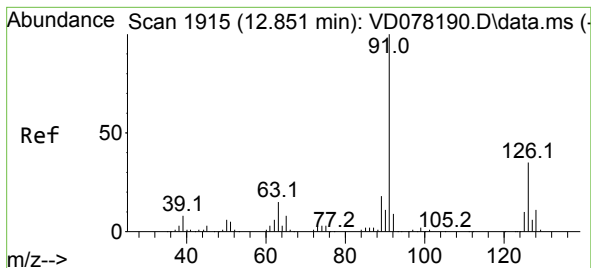
Tgt Ion:156 Resp: 97429
Ion Ratio Lower Upper
156 100
77 180.2 76.8 230.4
158 93.2 48.6 145.9



#78
n-propylbenzene
Concen: 49.969 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 91 Resp: 551717
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.019 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

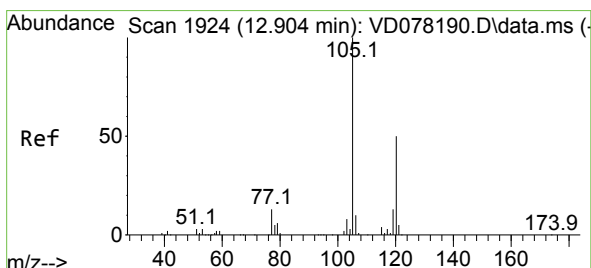
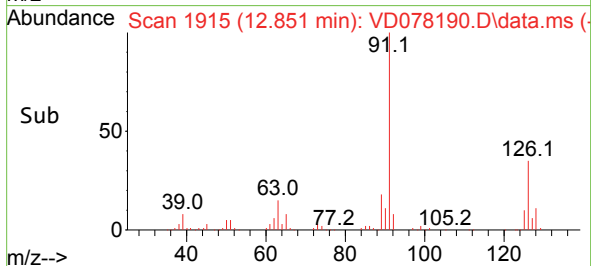
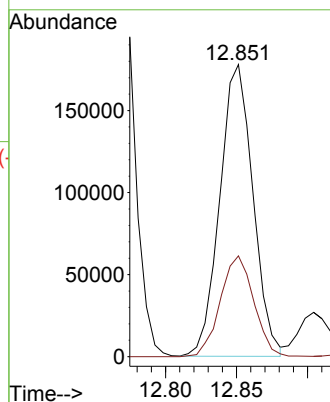
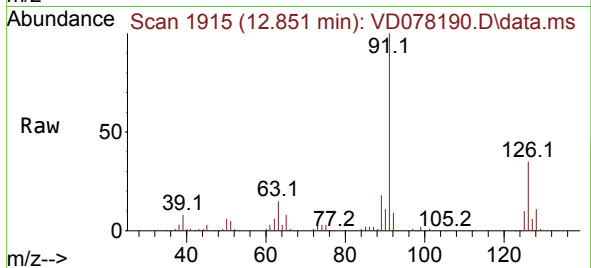
ClientSampleId :

Tgt Ion: 91 Resp: 288820

Ion Ratio Lower Upper

91 100

126 34.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.739 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078190.D

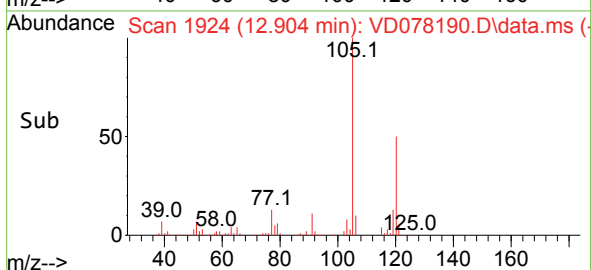
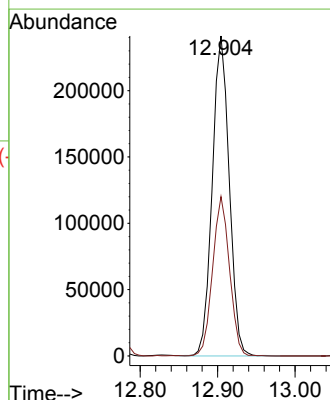
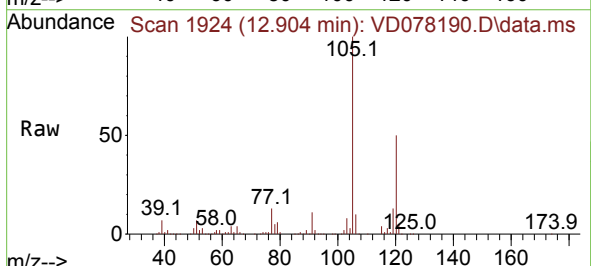
Acq: 22 Jan 2024 11:54

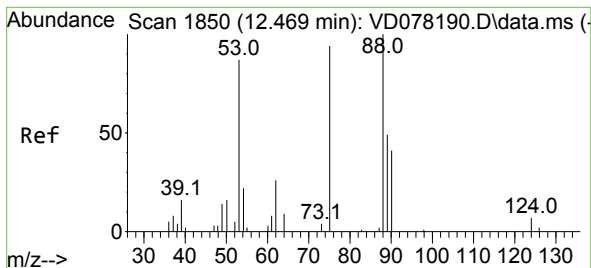
Tgt Ion: 105 Resp: 367141

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

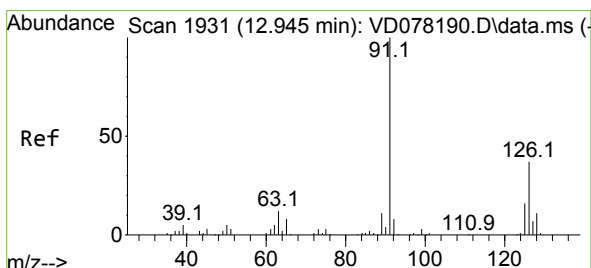
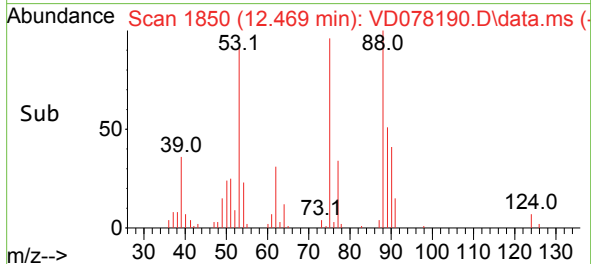
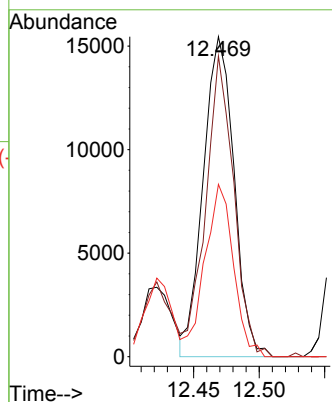
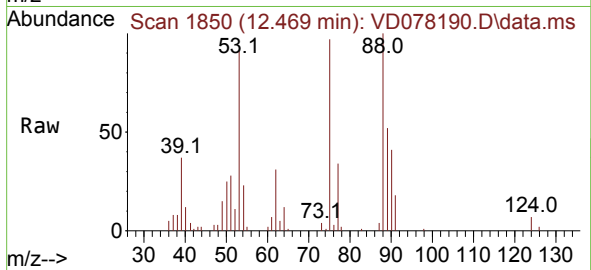




#81
trans-1,4-Dichloro-2-butene
Concen: 50.003 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

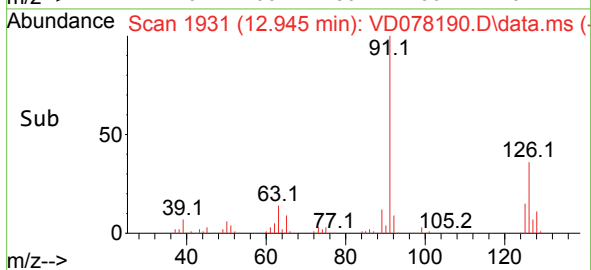
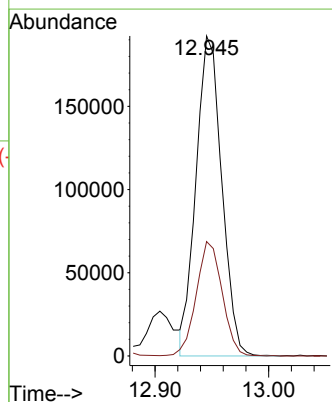
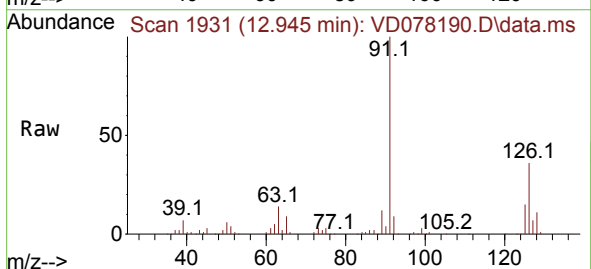
Instrument :
MSVOA_D
ClientSampleId :

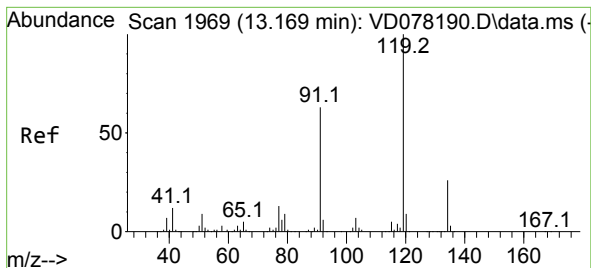
Tgt Ion: 75 Resp: 25208
Ion Ratio Lower Upper
75 100
53 85.6 63.0 94.4
89 50.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.682 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion: 91 Resp: 302361
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.322 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

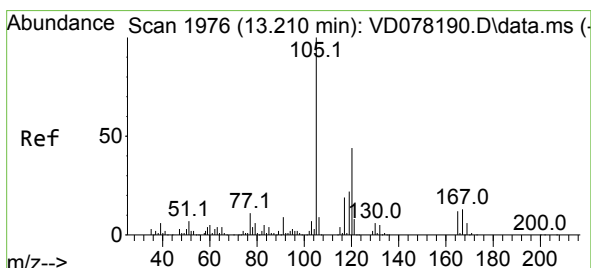
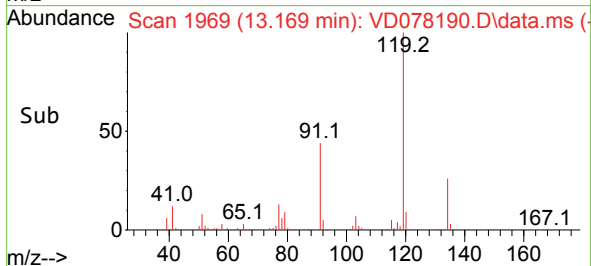
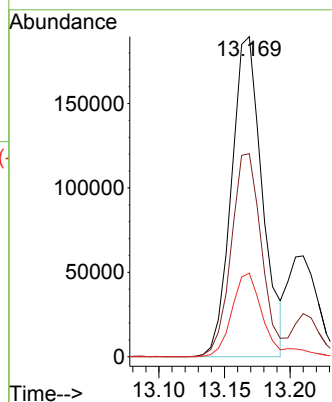
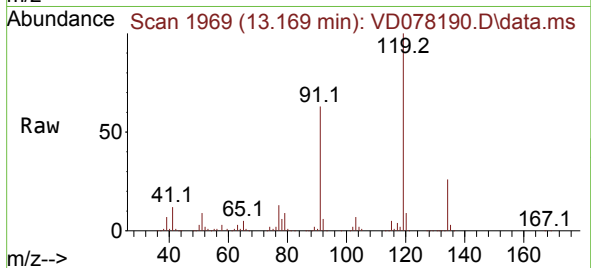
Tgt Ion:119 Resp: 310511

Ion Ratio Lower Upper

119 100

91 62.2 29.3 87.8

134 27.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.992 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078190.D

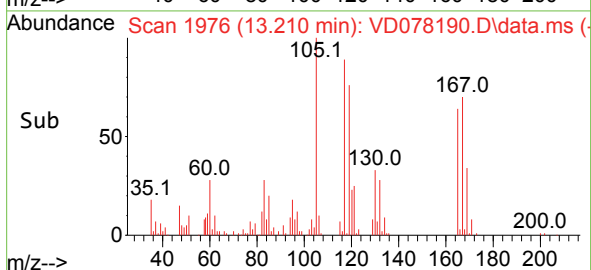
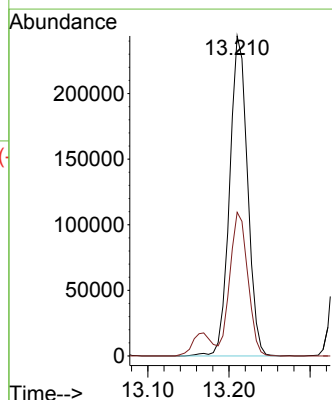
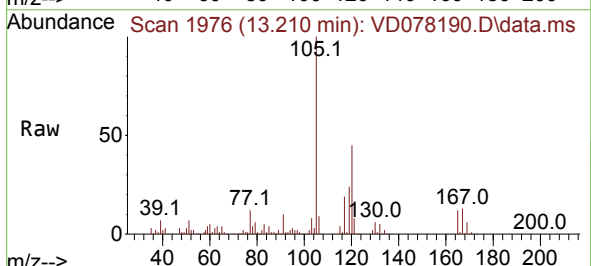
Acq: 22 Jan 2024 11:54

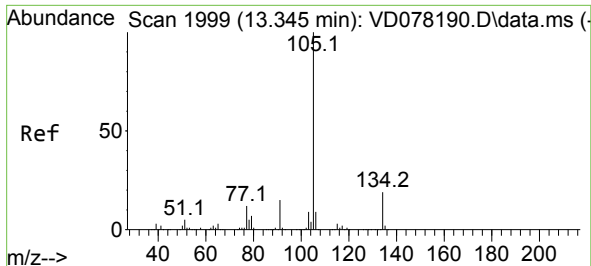
Tgt Ion:105 Resp: 373201

Ion Ratio Lower Upper

105 100

120 44.8 24.3 72.9

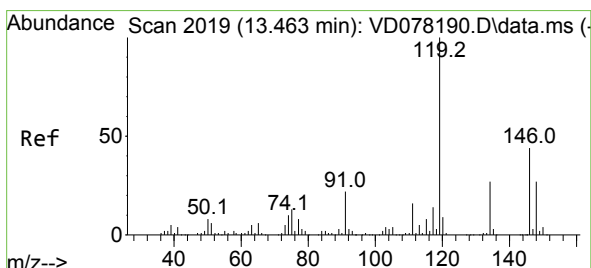
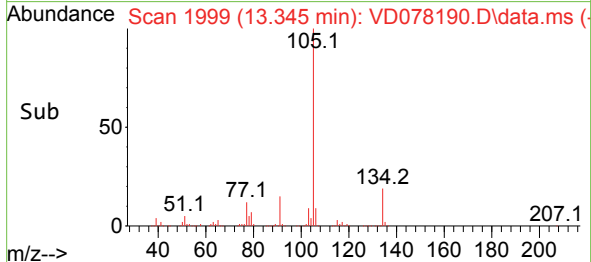
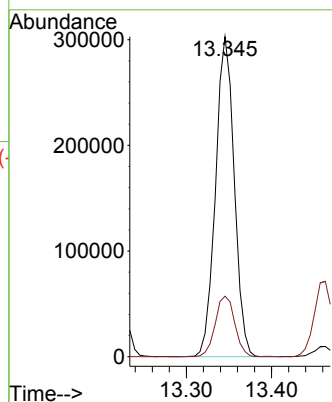
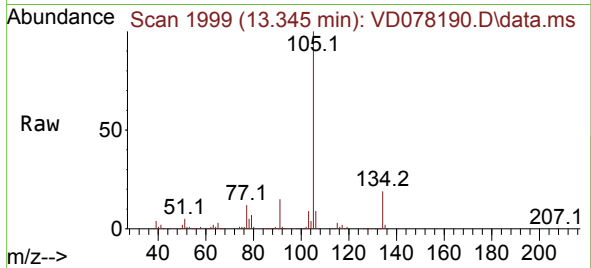




#85
 sec-Butylbenzene
 Concen: 49.369 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

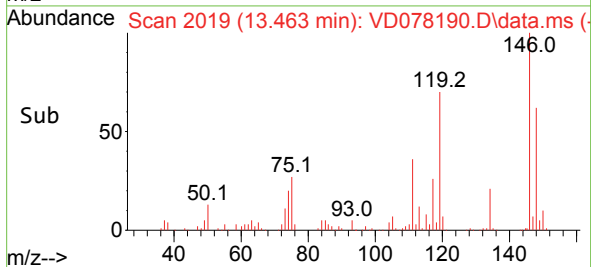
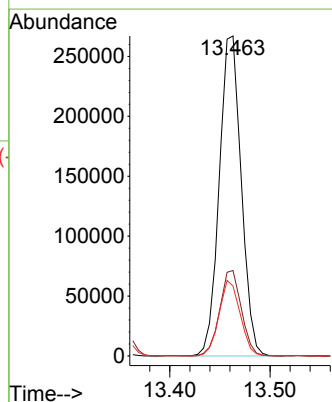
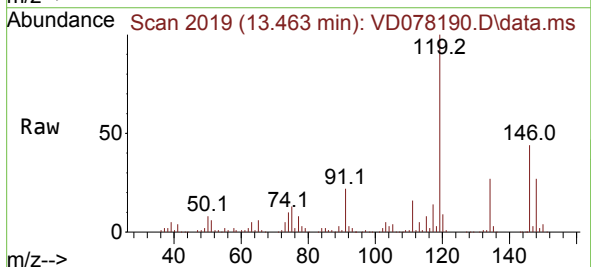
Instrument :
 MSVOA_D
 ClientSampleId :

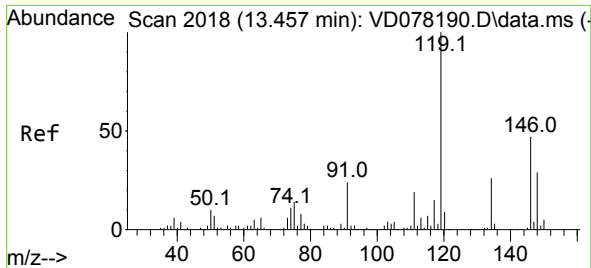
Tgt Ion:105 Resp: 461264
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.961 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

Tgt Ion:119 Resp: 406222
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 22.7 10.5 31.5

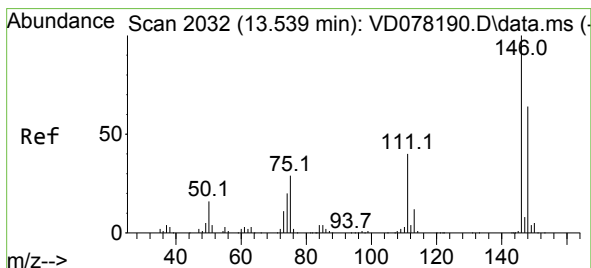
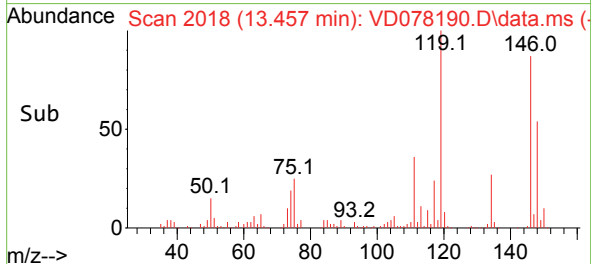
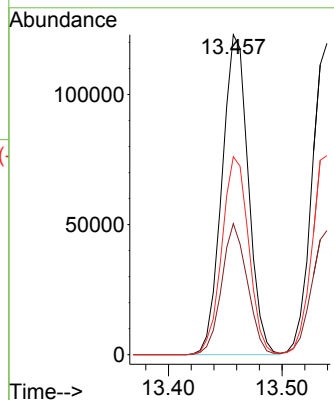
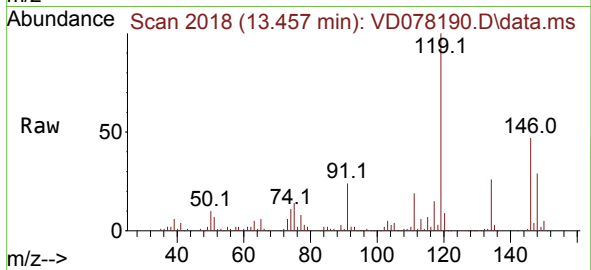




#87
1,3-Dichlorobenzene
Concen: 49.028 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

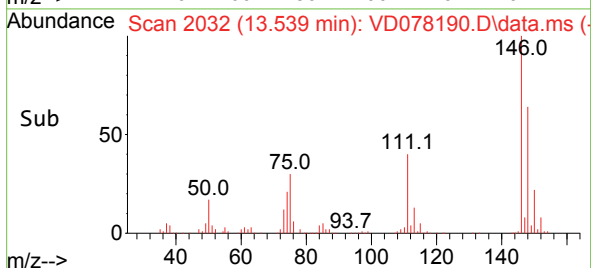
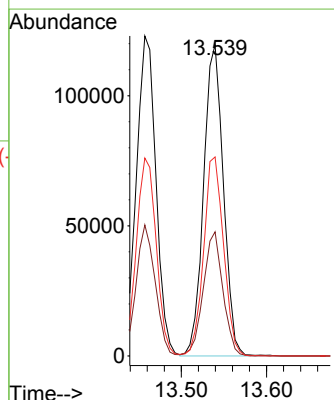
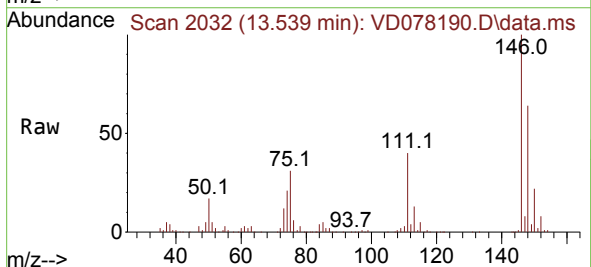
Instrument :
MSVOA_D
ClientSampleId :

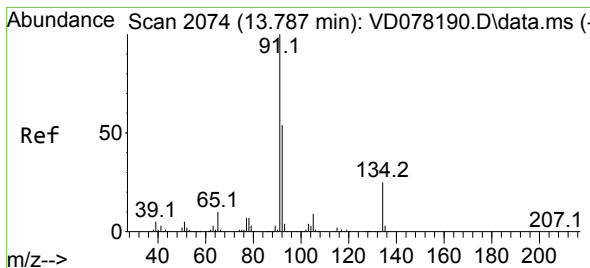
Tgt Ion:146 Resp: 198122
Ion Ratio Lower Upper
146 100
111 40.0 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.308 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

Tgt Ion:146 Resp: 192862
Ion Ratio Lower Upper
146 100
111 39.6 17.4 52.3
148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 50.069 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

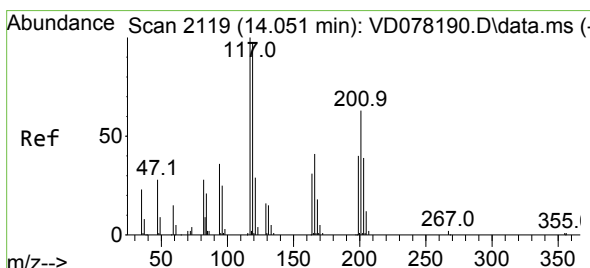
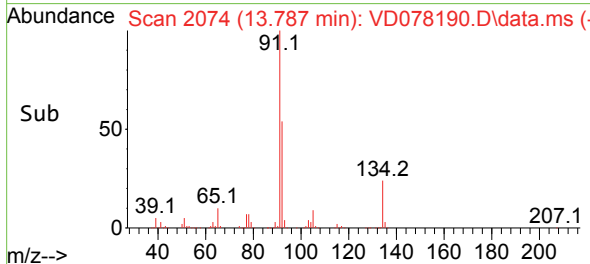
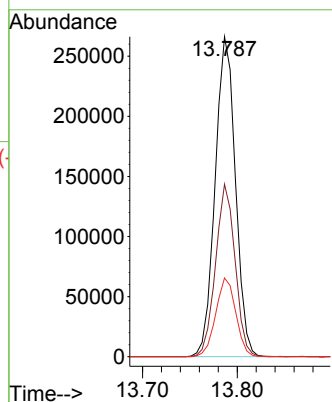
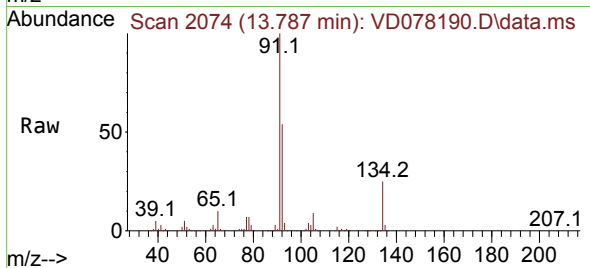
Tgt Ion: 91 Resp: 396302

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 24.3 13.8 41.3



#90

Hexachloroethane

Concen: 48.729 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078190.D

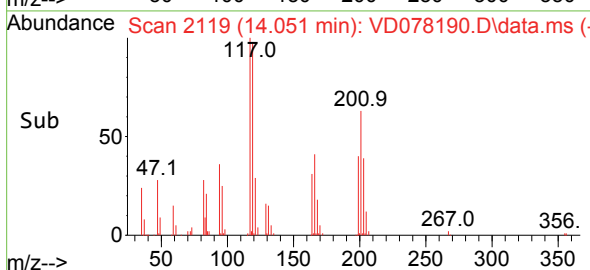
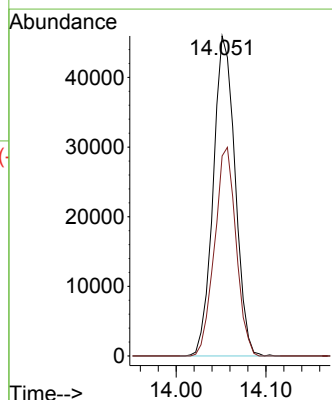
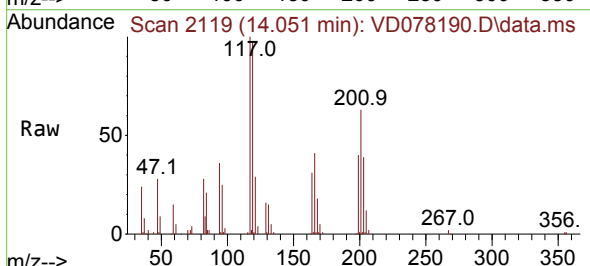
Acq: 22 Jan 2024 11:54

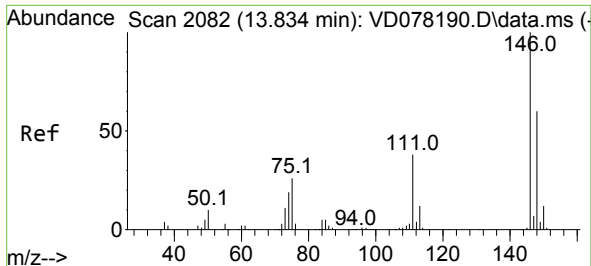
Tgt Ion: 117 Resp: 77720

Ion Ratio Lower Upper

117 100

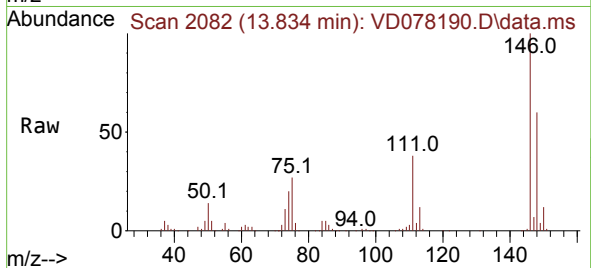
201 64.2 38.5 115.5



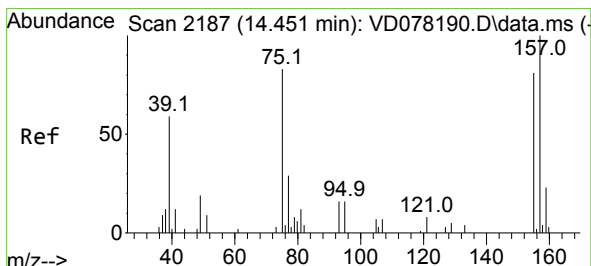
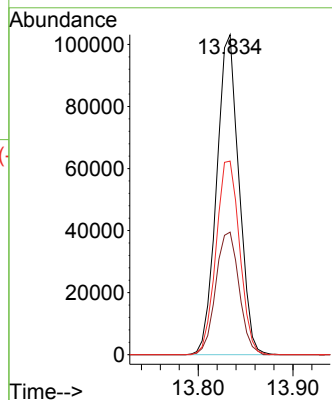
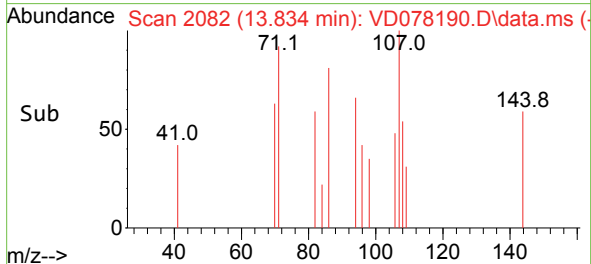


#91
1,2-Dichlorobenzene
Concen: 49.672 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54

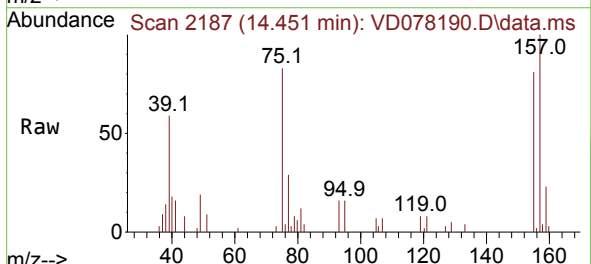
Instrument :
MSVOA_D
ClientSampleId :



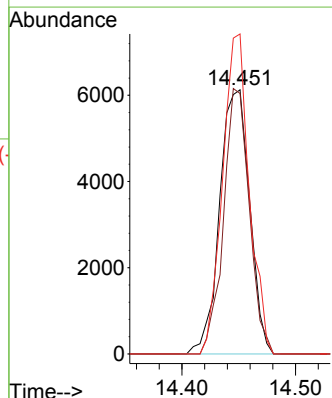
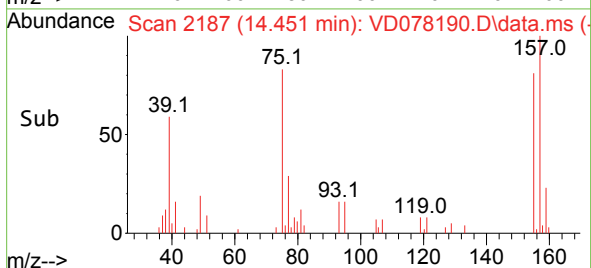
Tgt Ion:146 Resp: 168788
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 63.9 31.6 94.7

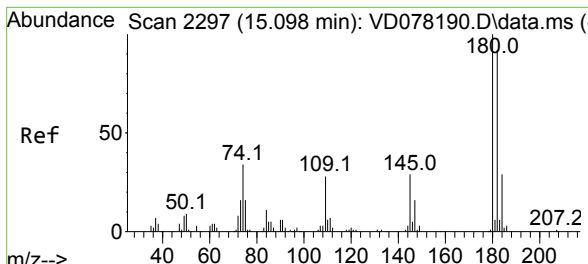


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.533 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078190.D
Acq: 22 Jan 2024 11:54



Tgt Ion: 75 Resp: 11252
Ion Ratio Lower Upper
75 100
155 86.2 47.9 143.8
157 107.7 59.9 179.7

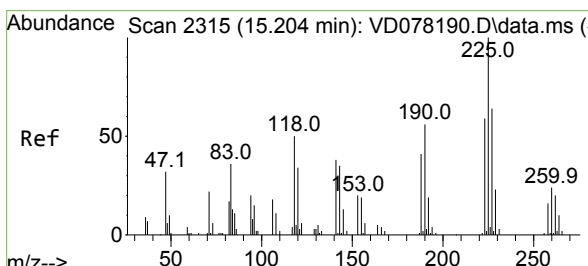
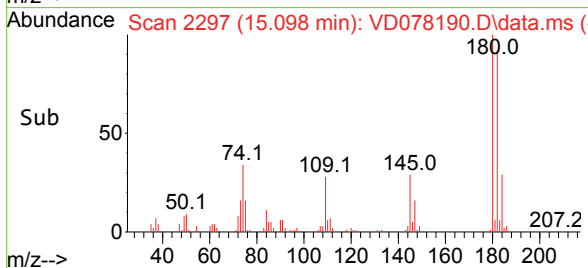
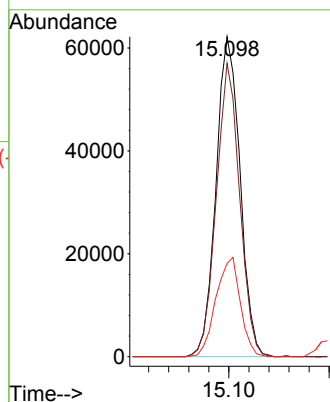
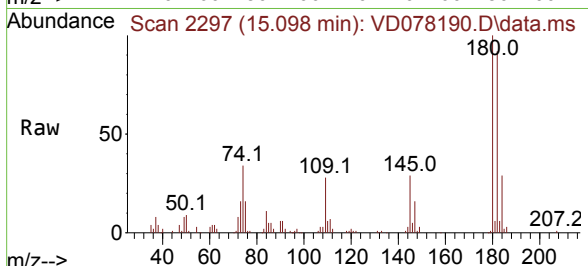




#93
 1,2,4-Trichlorobenzene
 Concen: 49.082 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

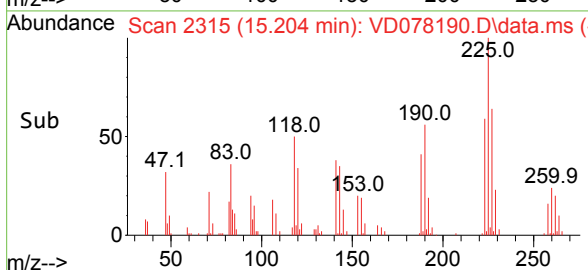
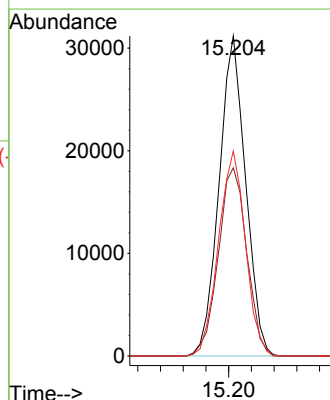
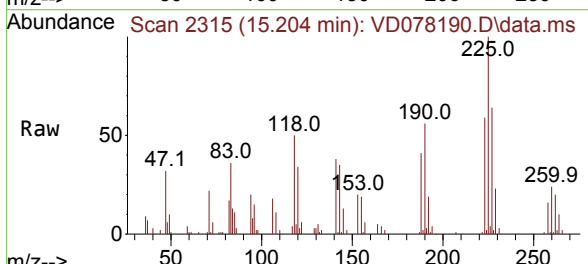
Instrument :
 MSVOA_D
 ClientSampleId :

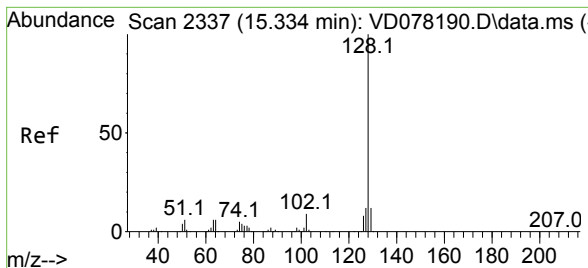
Tgt Ion:	180	Resp:	103097
Ion Ratio	Lower	Upper	
180	100		
182	89.2	48.5	145.6
145	31.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 49.803 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078190.D
 Acq: 22 Jan 2024 11:54

Tgt Ion:	225	Resp:	50552
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.6	94.8
227	64.9	31.7	95.1





#95

Naphthalene

Concen: 50.763 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

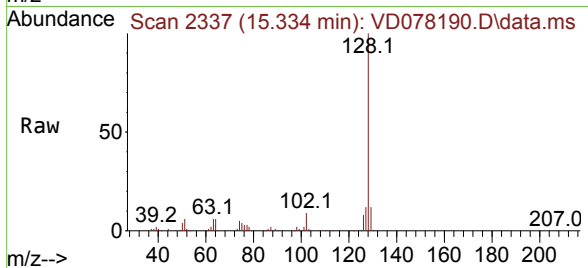
Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :



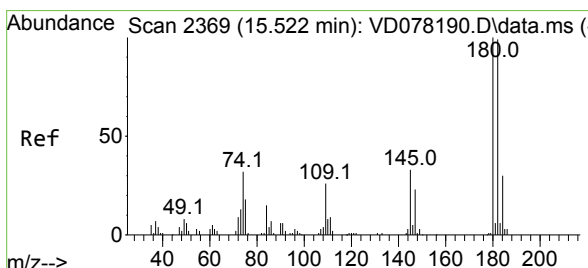
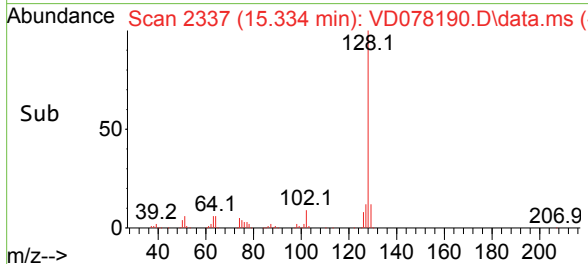
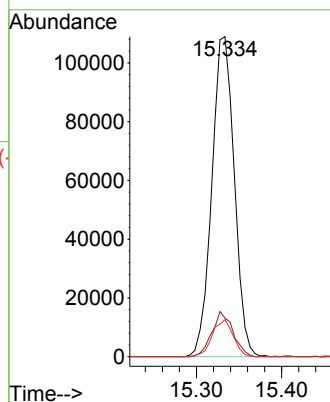
Tgt Ion:128 Resp: 199356

Ion Ratio Lower Upper

128 100

127 12.1 10.5 15.7

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.827 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078190.D

Acq: 22 Jan 2024 11:54

Tgt Ion:180 Resp: 87811

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 33.7 15.1 45.3

