

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079615.D
 Acq On : 06 Aug 2024 11:32
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 07 02:46:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	401937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	372627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	185484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	123674	53.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.340%	
35) Dibromofluoromethane	7.805	113	130475	47.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.920%	
50) Toluene-d8	10.269	98	512779	48.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	12.569	95	153566	50.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82896	46.205	ug/l	98
3) Chloromethane	2.146	50	165582	50.090	ug/l	93
4) Vinyl Chloride	2.281	62	197681	50.294	ug/l	99
5) Bromomethane	2.687	94	139162	56.433	ug/l	98
6) Chloroethane	2.828	64	139648	55.291	ug/l	99
7) Trichlorofluoromethane	3.164	101	187388	47.939	ug/l	100
8) Diethyl Ether	3.593	74	65162	55.186	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.964	101	115939	46.896	ug/l	99
10) Methyl Iodide	4.158	142	151281	50.320	ug/l	97
11) Tert butyl alcohol	5.058	59	35703	331.385	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	119086	48.134	ug/l	89
13) Acrolein	3.793	56	36663	223.373	ug/l	97
14) Allyl chloride	4.558	41	174163	53.310	ug/l #	87
15) Acrylonitrile	5.252	53	154056	279.212	ug/l	97
16) Acetone	4.022	43	139191	307.893	ug/l	96
17) Carbon Disulfide	4.264	76	379332	46.449	ug/l	99
18) Methyl Acetate	4.558	43	74722	53.236	ug/l #	84
19) Methyl tert-butyl Ether	5.311	73	284197	56.276	ug/l	98
20) Methylene Chloride	4.793	84	174171	52.843	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	138699	49.904	ug/l	87
22) Diisopropyl ether	6.216	45	411817	56.654	ug/l #	93
23) Vinyl Acetate	6.152	43	1608338	294.340	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	253046	51.947	ug/l	97
25) 2-Butanone	7.075	43	191293	298.467	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	205166	52.070	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	165607	52.129	ug/l	87
28) Bromochloromethane	7.422	49	112221	52.536	ug/l #	70
29) Tetrahydrofuran	7.446	42	112872	284.173	ug/l #	81
30) Chloroform	7.593	83	258162	52.334	ug/l	99
31) Cyclohexane	7.875	56	181390	46.952	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	202923	49.851	ug/l	97
36) 1,1-Dichloropropene	8.005	75	175763	47.335	ug/l	96
37) Ethyl Acetate	7.169	43	80958	53.177	ug/l	96
38) Carbon Tetrachloride	7.993	117	180662	46.283	ug/l	98
39) Methylcyclohexane	9.275	83	200314	45.213	ug/l	92
40) Benzene	8.252	78	574981	48.753	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	50295	60.060	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	141668	50.409	ug/l	95
43) Isopropyl Acetate	8.363	43	150891	52.736	ug/l #	82
44) Trichloroethene	9.028	130	135752	46.239	ug/l	94
45) 1,2-Dichloropropane	9.305	63	146141	50.918	ug/l	94
46) Dibromomethane	9.393	93	79156	49.749	ug/l	92
47) Bromodichloromethane	9.581	83	196880	50.393	ug/l	100
48) Methyl methacrylate	9.381	41	71384	55.747	ug/l	81
49) 1,4-Dioxane	9.387	88	16489	1000.128	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	406199	278.064	ug/l	95
52) Toluene	10.334	92	355707	48.767	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	183042	50.734	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	219705	50.626	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	103086	49.183	ug/l	94
56) Ethyl methacrylate	10.599	69	136647	55.023	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	181806	51.046	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	312806	273.121	ug/l	91
59) 2-Hexanone	10.922	43	296950	291.469	ug/l	95
60) Dibromochloromethane	11.069	129	133285	48.679	ug/l	98
61) 1,2-Dibromoethane	11.175	107	95839	48.809	ug/l	96
64) Tetrachloroethene	10.810	164	107885	42.937	ug/l	92
65) Chlorobenzene	11.604	112	389980	47.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	131183	48.321	ug/l	97
67) Ethyl Benzene	11.681	91	665457	49.264	ug/l	99
68) m/p-Xylenes	11.793	106	525370	98.033	ug/l	93
69) o-Xylene	12.116	106	242899	49.448	ug/l	89
70) Styrene	12.134	104	435387	50.556	ug/l	97
71) Bromoform	12.298	173	72445	47.204	ug/l #	99
73) Isopropylbenzene	12.416	105	620925	45.081	ug/l	100
74) N-amyl acetate	12.234	43	151069	55.374	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	123101	51.087	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	148993	91.896	ug/l #	100
77) Bromobenzene	12.698	156	146385	47.067	ug/l	88
78) n-propylbenzene	12.763	91	765997	49.404	ug/l	97
79) 2-Chlorotoluene	12.845	91	423722	49.080	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	511740	49.528	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	43513	51.188	ug/l	96
82) 4-Chlorotoluene	12.945	91	445632	49.515	ug/l	97
83) tert-Butylbenzene	13.163	119	436644	44.091	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	525482	45.533	ug/l	98
85) sec-Butylbenzene	13.340	105	660091	48.032	ug/l	99
86) p-Isopropyltoluene	13.457	119	562681	43.790	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	296972	46.096	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	291367	46.002	ug/l	96
89) n-Butylbenzene	13.787	91	530390	44.609	ug/l	98
90) Hexachloroethane	14.051	117	111066	46.206	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	261245	47.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	16641	51.902	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	161292	46.494	ug/l	99
94) Hexachlorobutadiene	15.198	225	79579	42.503	ug/l	97
95) Naphthalene	15.328	128	310296	51.679	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	141035	46.217	ug/l	99

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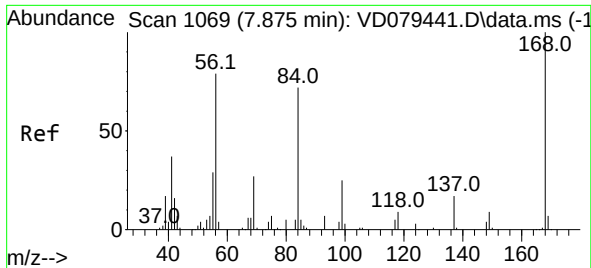
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

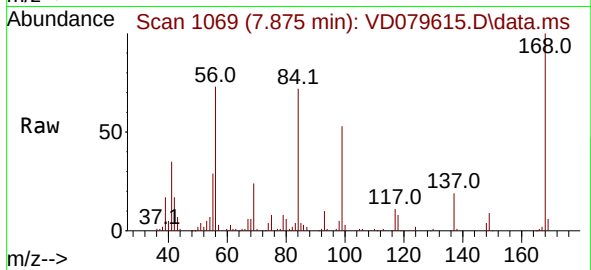
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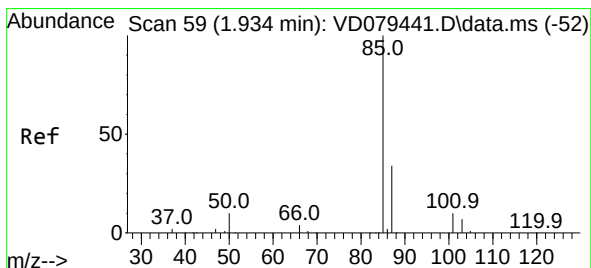
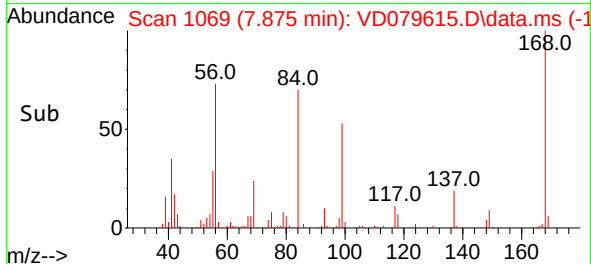
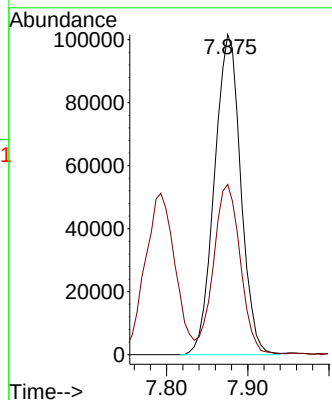


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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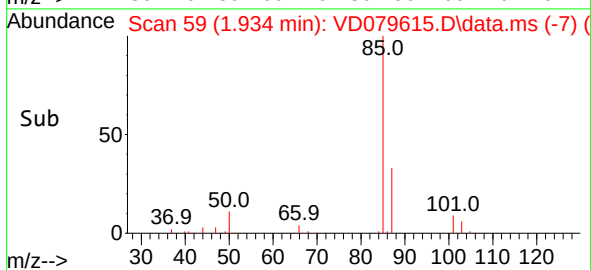
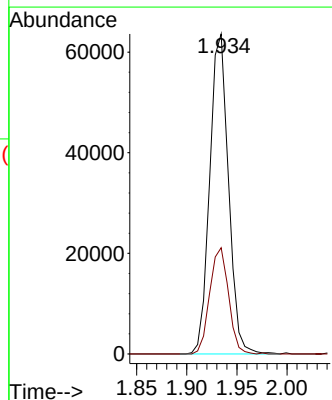
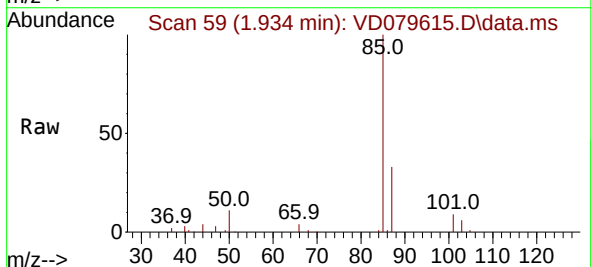


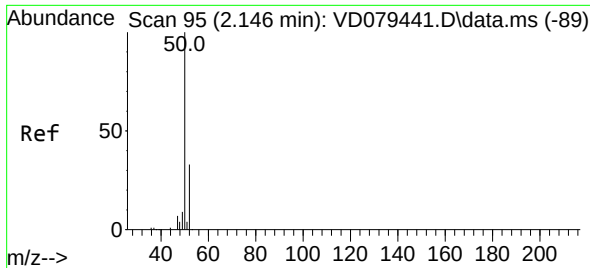
Tgt Ion:168 Resp: 228977
Ion Ratio Lower Upper
168 100
99 52.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 46.205 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 85 Resp: 82896
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0

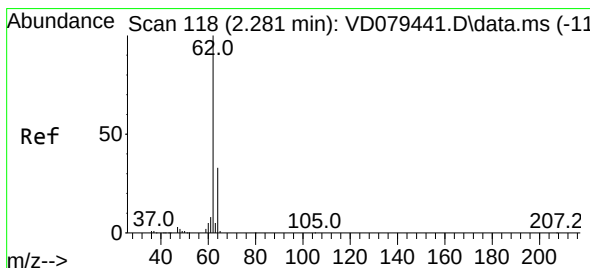
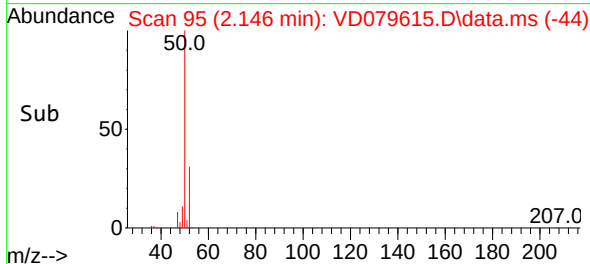
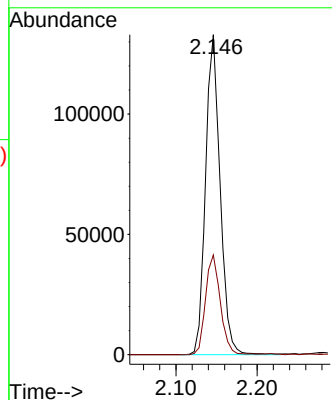
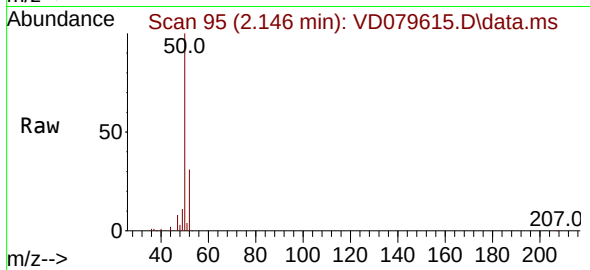




#3
Chloromethane
Concen: 50.090 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

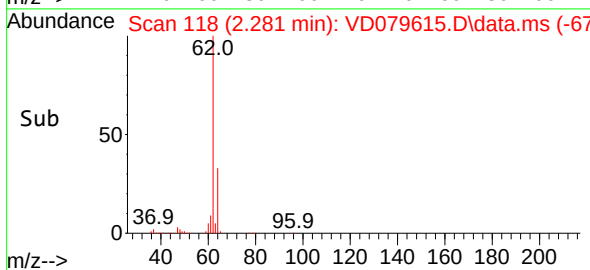
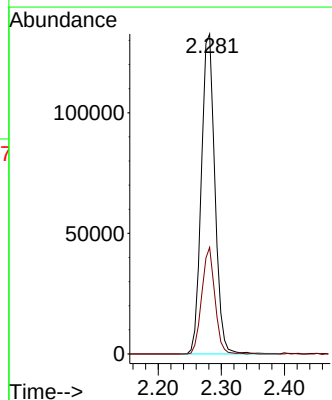
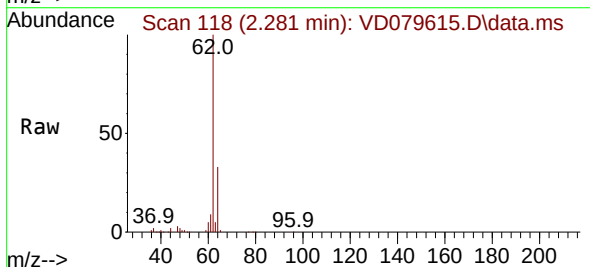
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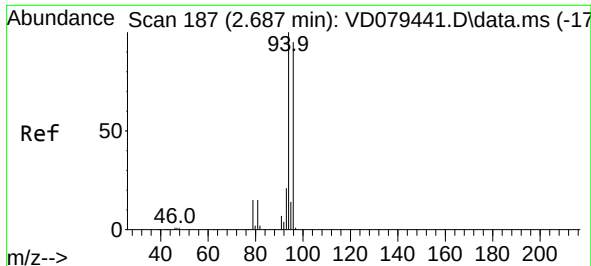
Tgt Ion: 50 Resp: 165582
Ion Ratio Lower Upper
50 100
52 31.1 28.2 42.2



#4
Vinyl Chloride
Concen: 50.294 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 62 Resp: 197681
Ion Ratio Lower Upper
62 100
64 33.3 26.3 39.5

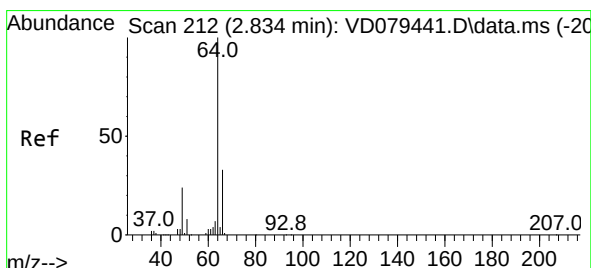
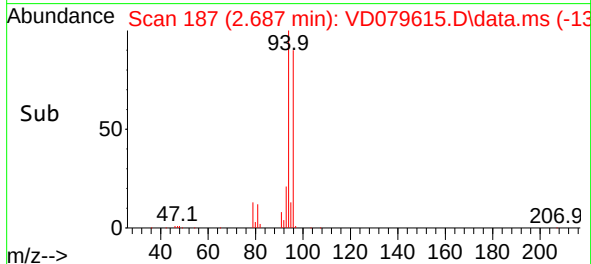
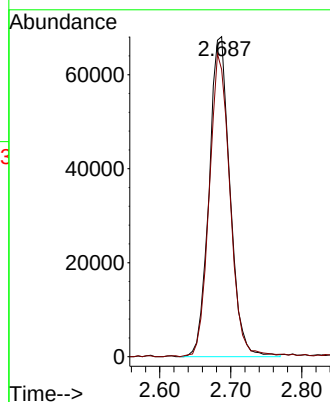
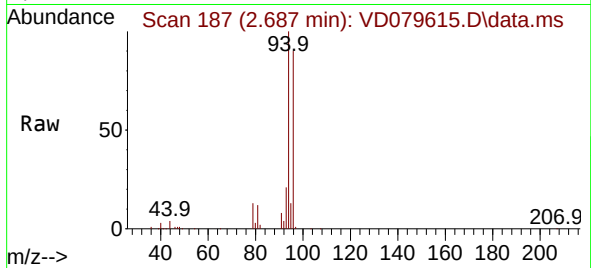




#5
Bromomethane
Concen: 56.433 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

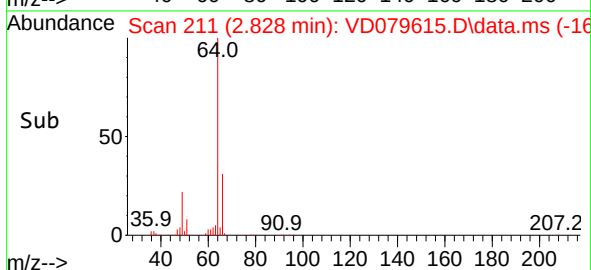
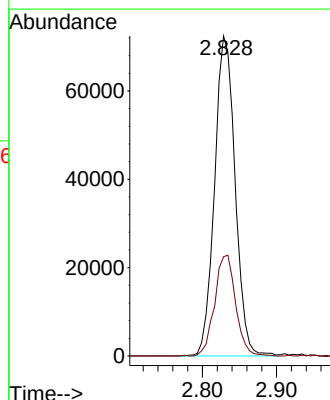
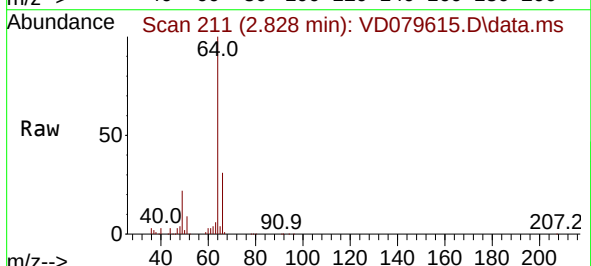
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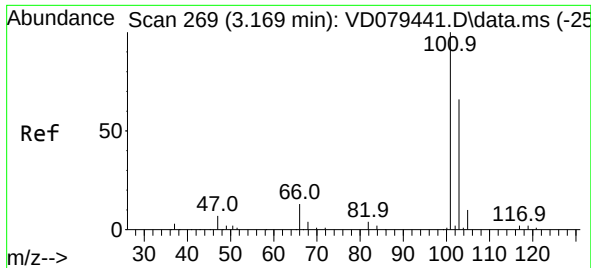
Tgt Ion: 94 Resp: 139162
Ion Ratio Lower Upper
94 100
96 94.4 76.9 115.3



#6
Chloroethane
Concen: 55.291 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 64 Resp: 139648
Ion Ratio Lower Upper
64 100
66 31.0 24.5 36.7

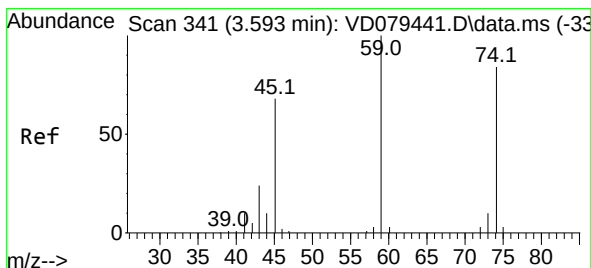
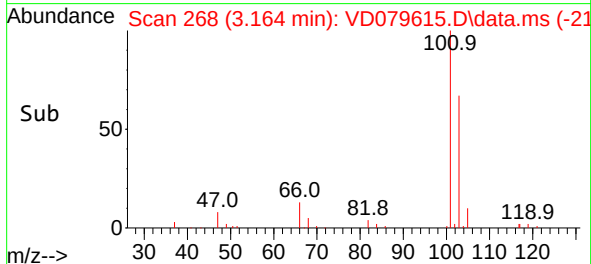
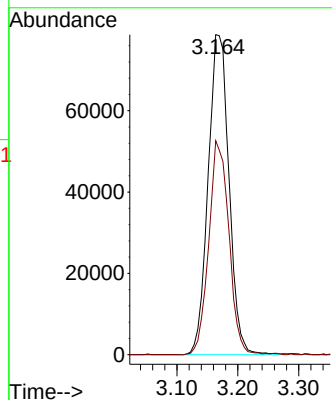
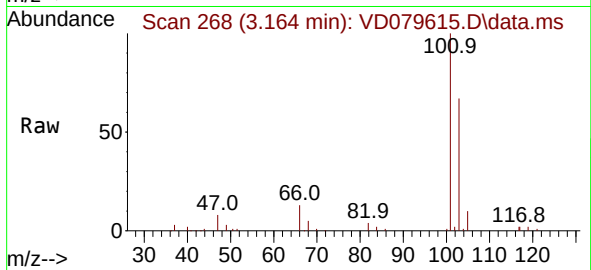




#7
 Trichlorofluoromethane
 Concen: 47.939 ug/l
 RT: 3.164 min Scan# 269
 Delta R.T. -0.006 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

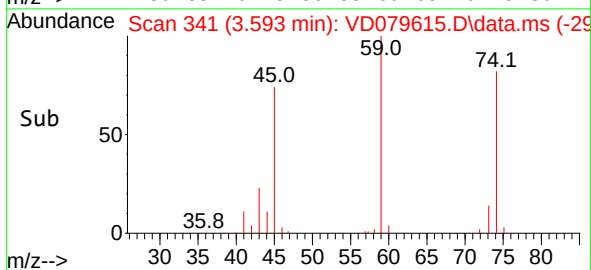
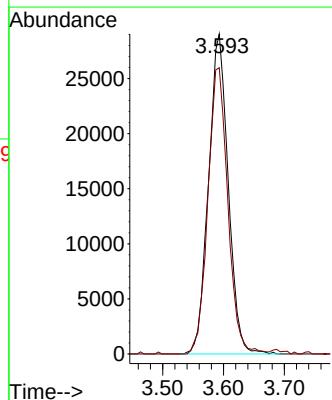
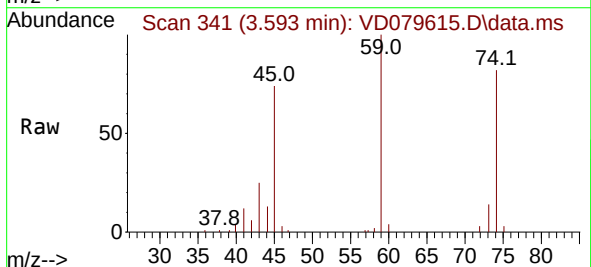
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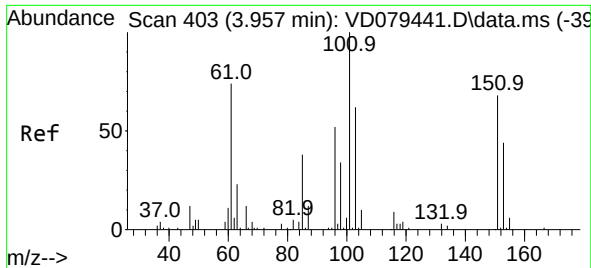
Tgt Ion:101 Resp: 187388
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.2 79.8



#8
 Diethyl Ether
 Concen: 55.186 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

Tgt Ion: 74 Resp: 65162
 Ion Ratio Lower Upper
 74 100
 45 90.7 37.9 113.6

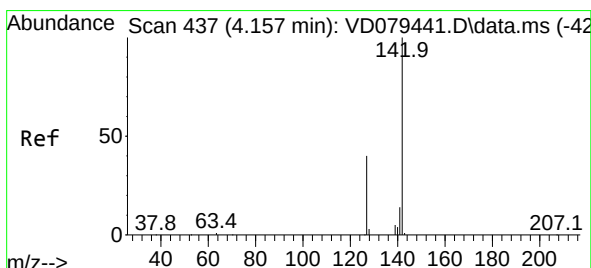
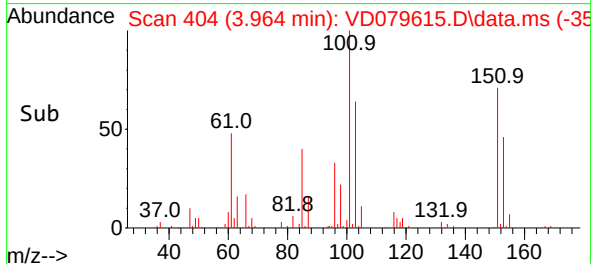
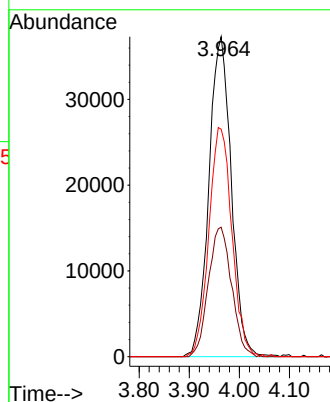
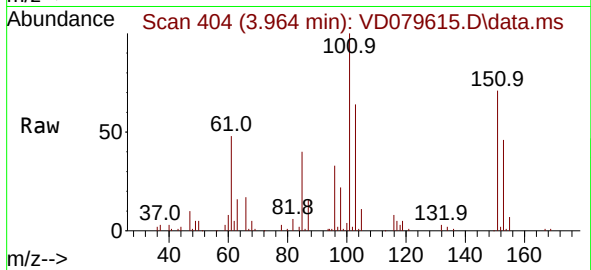




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.896 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079615.D
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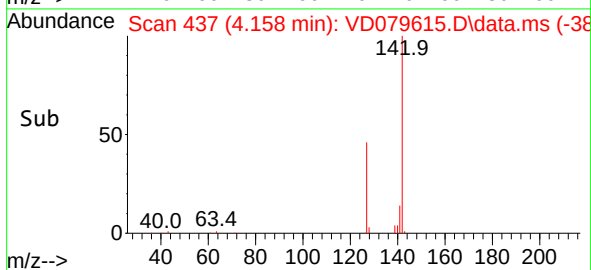
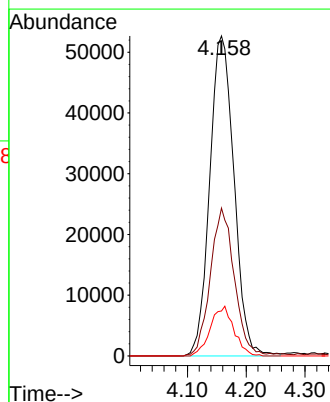
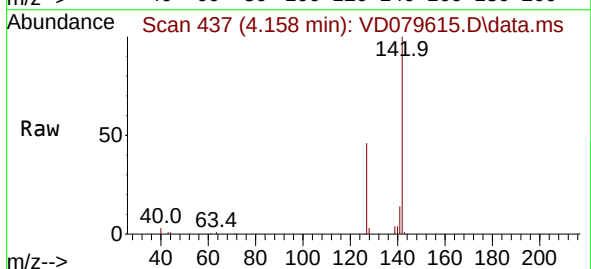
Instrument :
MSVOA_D
ClientSampleId :

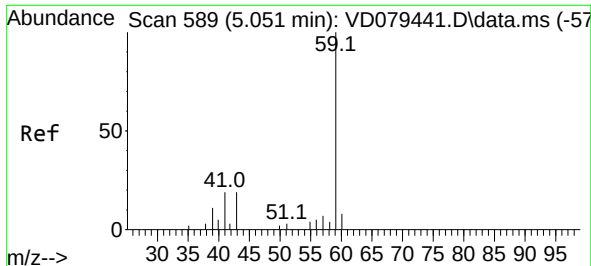
Tgt Ion:101 Resp: 115939
Ion Ratio Lower Upper
101 100
85 41.9 33.5 50.3
151 73.4 60.3 90.5



#10
Methyl Iodide
Concen: 50.320 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:142 Resp: 151281
Ion Ratio Lower Upper
142 100
127 45.5 34.2 51.4
141 15.1 11.7 17.5

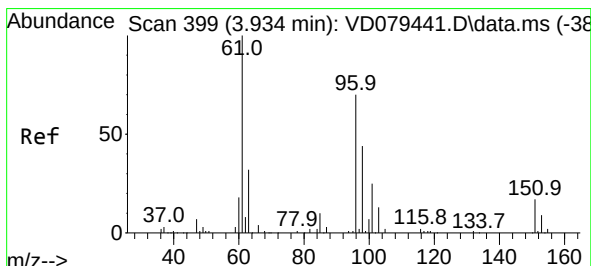
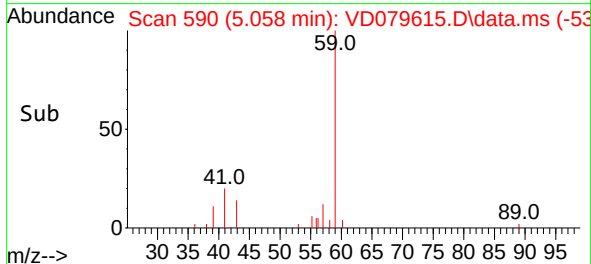
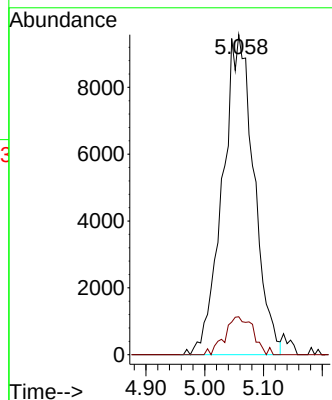
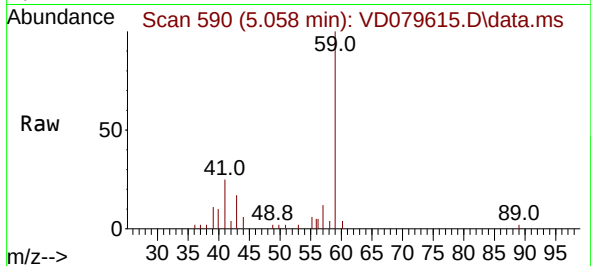




#11
Tert butyl alcohol
Concen: 331.385 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.012 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

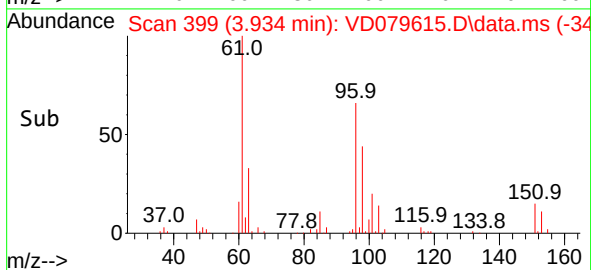
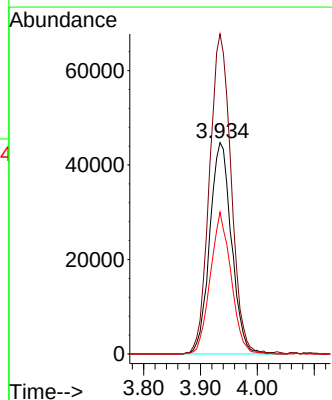
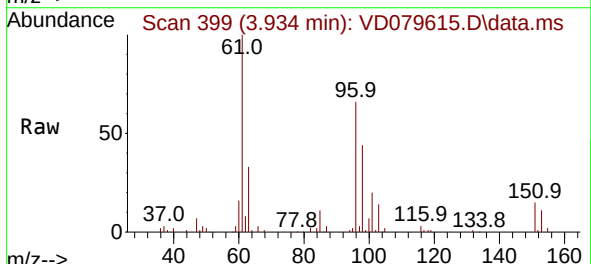
Instrument :
MSVOA_D
ClientSampleId :

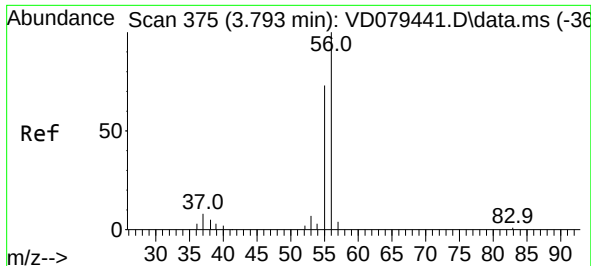
Tgt Ion: 59 Resp: 35703
Ion Ratio Lower Upper
59 100
57 10.4 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 48.134 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 96 Resp: 119086
Ion Ratio Lower Upper
96 100
61 151.4 107.3 160.9
98 67.1 51.7 77.5

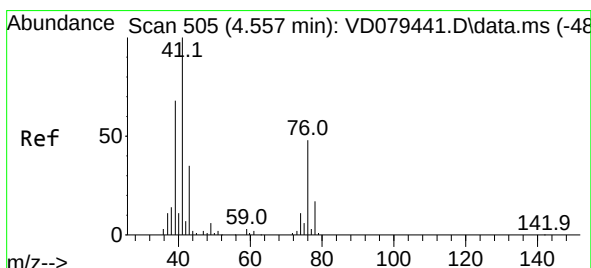
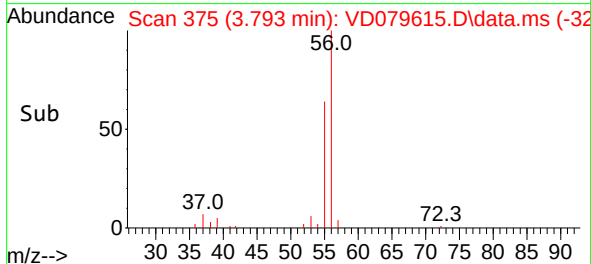
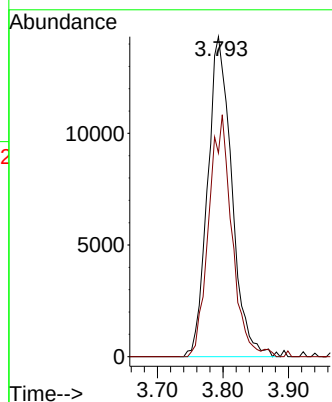
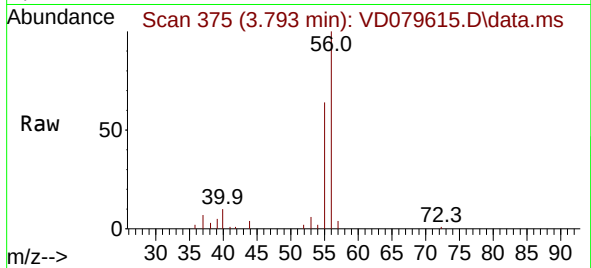




#13
Acrolein
Concen: 223.373 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

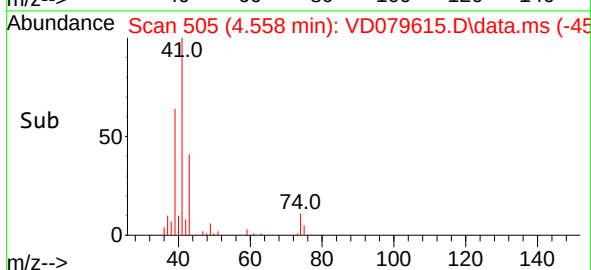
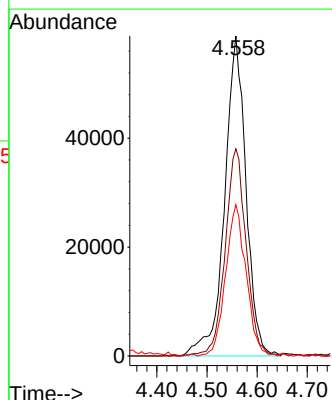
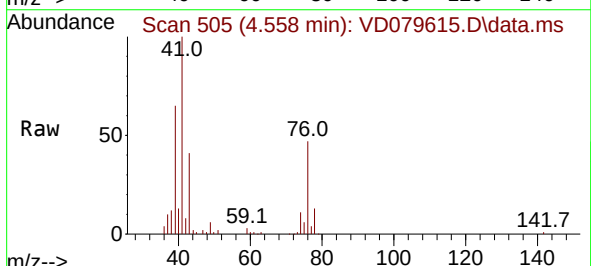
Instrument :
MSVOA_D
ClientSampleId :

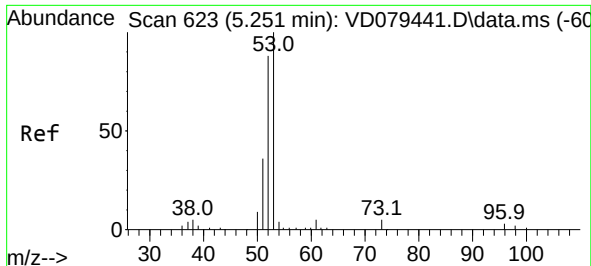
Tgt Ion: 56 Resp: 36663
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9



#14
Allyl chloride
Concen: 53.310 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 41 Resp: 174163
Ion Ratio Lower Upper
41 100
39 63.7 58.0 87.0
76 45.2 45.9 68.9#

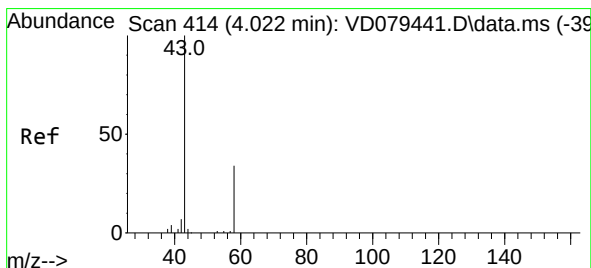
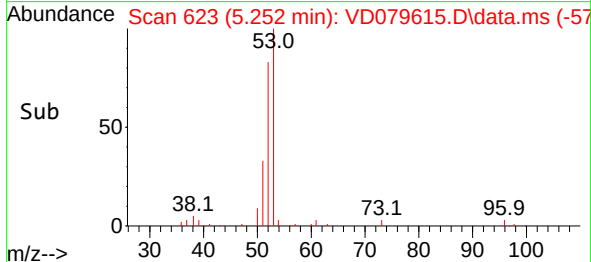
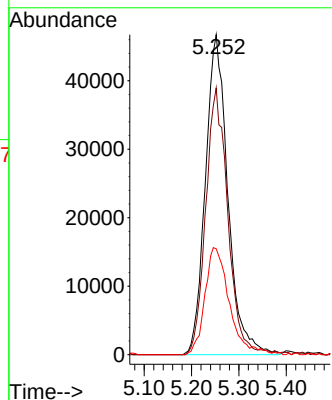
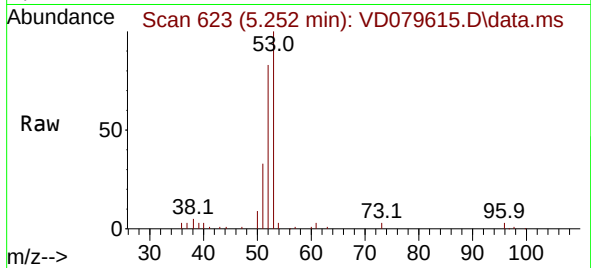




#15
Acrylonitrile
Concen: 279.212 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

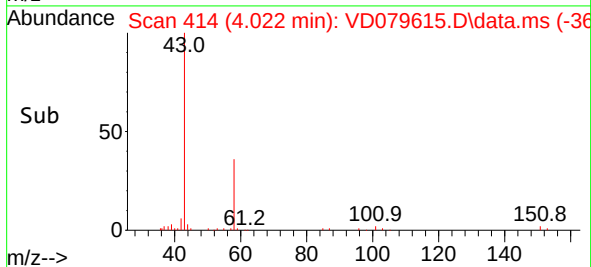
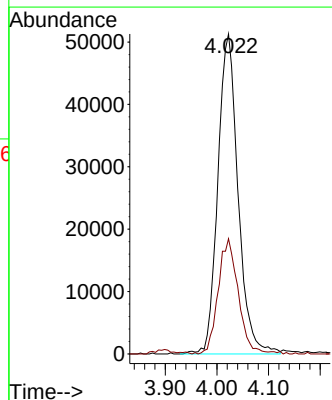
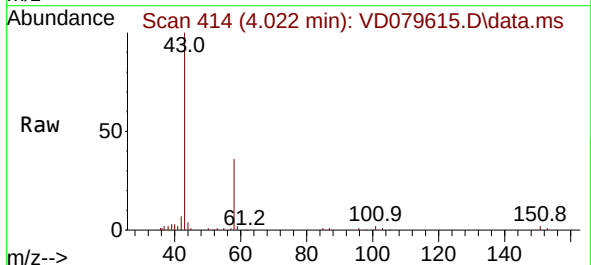
Instrument :
MSVOA_D
ClientSampleId :

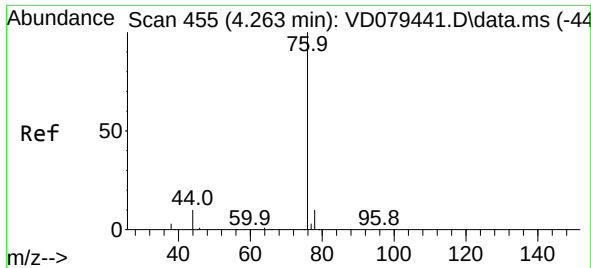
Tgt Ion: 53 Resp: 154056
Ion Ratio Lower Upper
53 100
52 81.5 67.7 101.5
51 36.2 28.6 42.8



#16
Acetone
Concen: 307.893 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 43 Resp: 139191
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

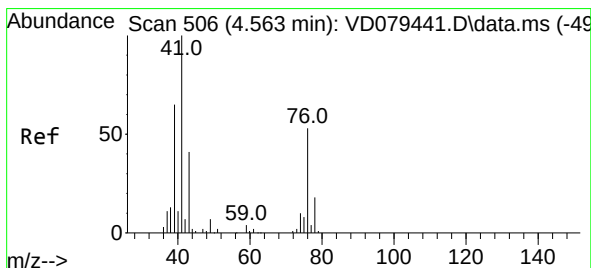
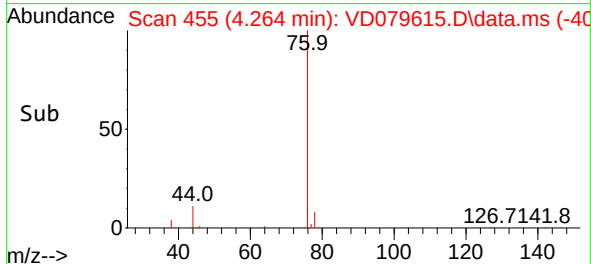
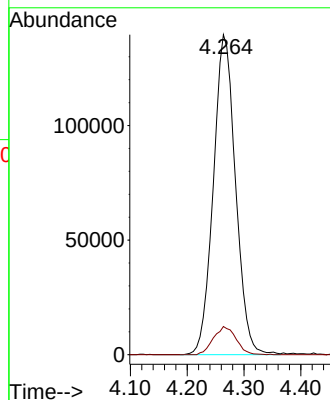
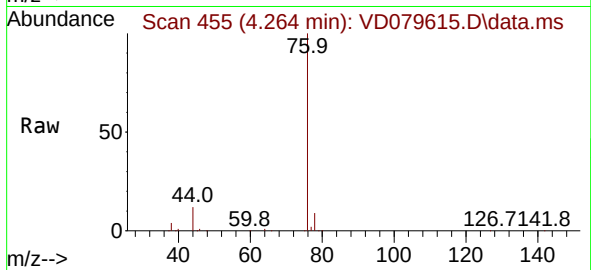




#17
Carbon Disulfide
Concen: 46.449 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

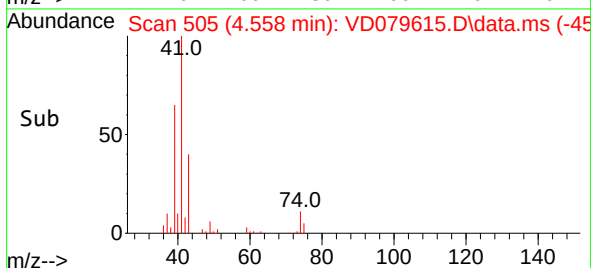
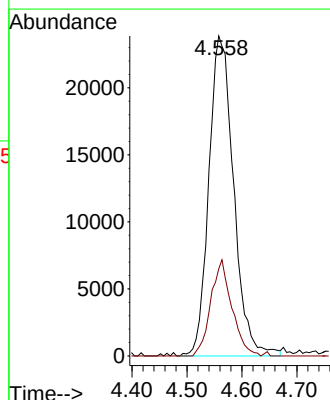
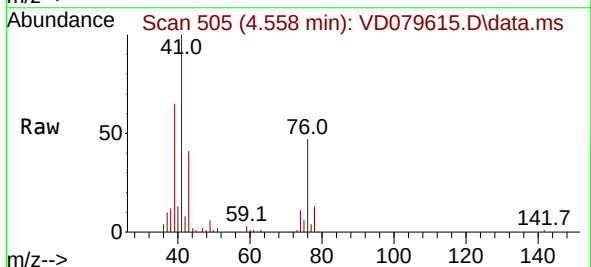
Instrument :
MSVOA_D
ClientSampleId :

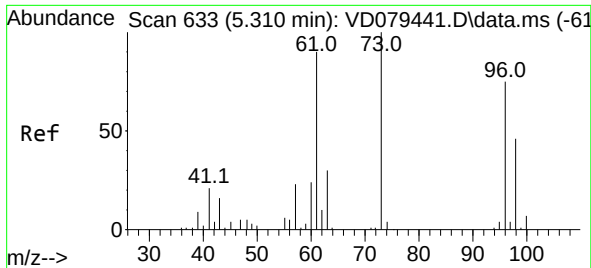
Tgt Ion: 76 Resp: 379332
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 53.236 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 43 Resp: 74722
Ion Ratio Lower Upper
43 100
74 25.6 28.1 42.1#

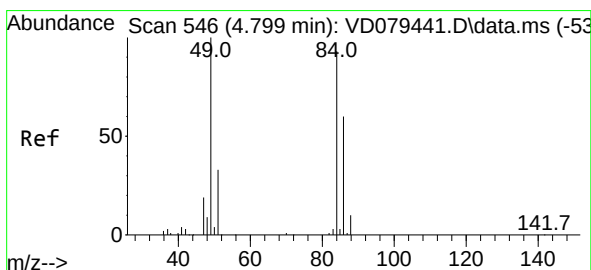
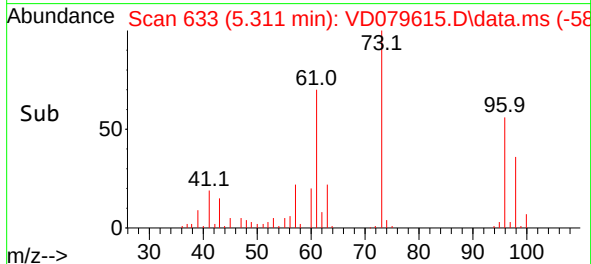
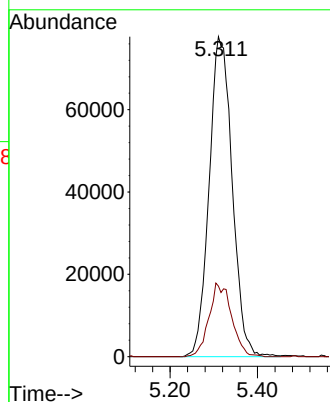
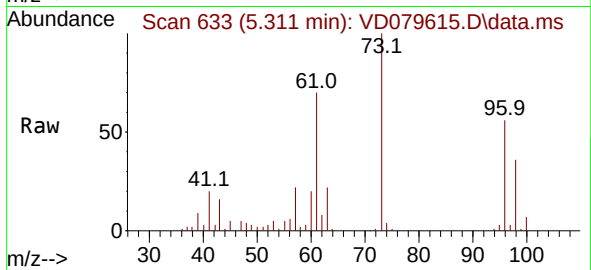




#19
Methyl tert-butyl Ether
Concen: 56.276 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

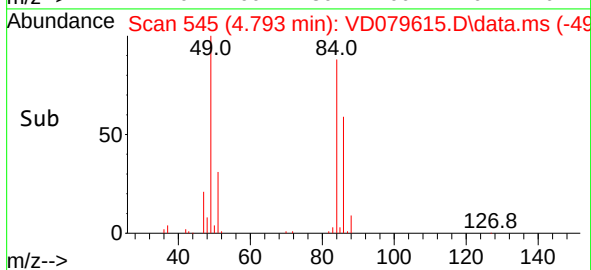
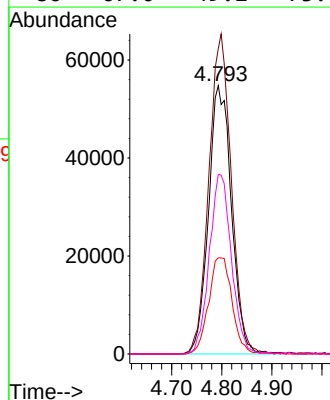
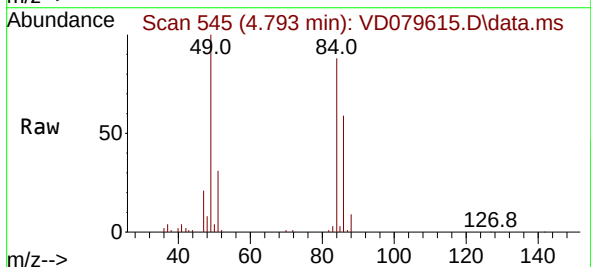
Instrument :
MSVOA_D
ClientSampleId :

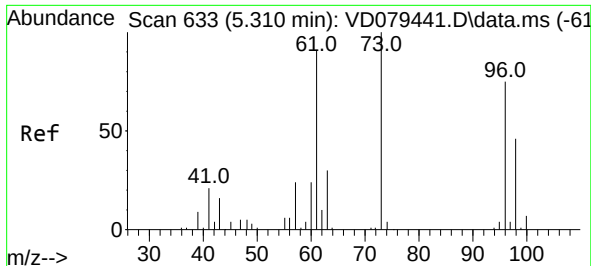
Tgt Ion: 73 Resp: 284197
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 52.843 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

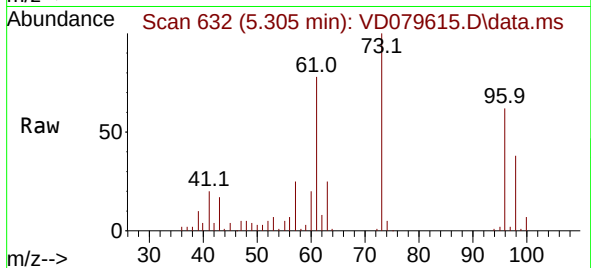
Tgt Ion: 84 Resp: 174171
Ion Ratio Lower Upper
84 100
49 113.8 75.6 113.4#
51 35.8 24.2 36.2
86 67.0 49.2 73.8



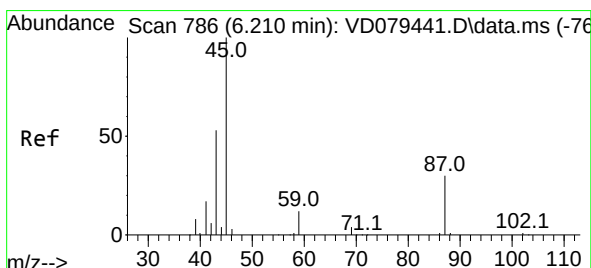
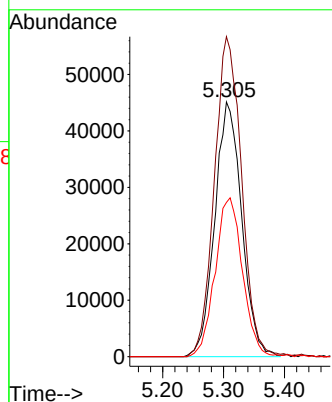
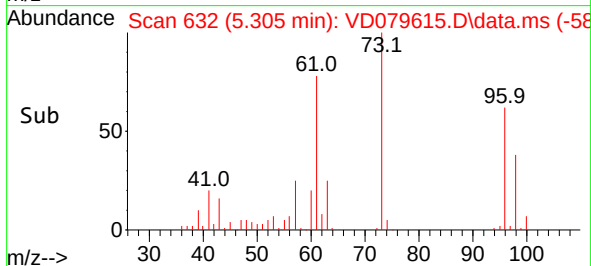


#21
trans-1,2-Dichloroethene
Concen: 49.904 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

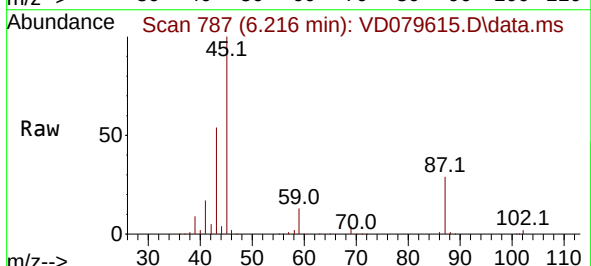
Instrument :
MSVOA_D
ClientSampleId :



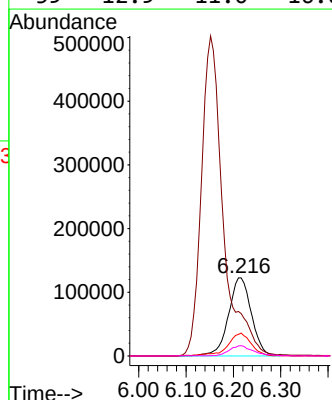
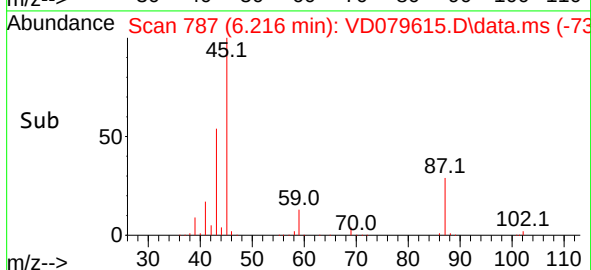
Tgt Ion: 96 Resp: 138699
Ion Ratio Lower Upper
96 100
61 125.6 84.5 126.7
98 60.5 50.5 75.7

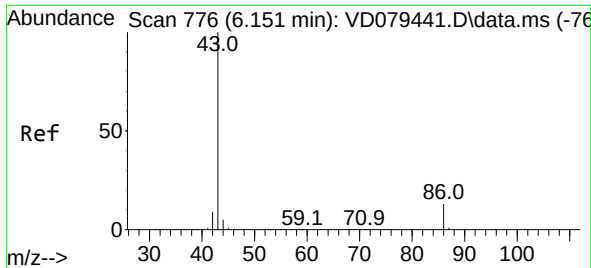


#22
Diisopropyl ether
Concen: 56.654 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32



Tgt Ion: 45 Resp: 411817
Ion Ratio Lower Upper
45 100
43 53.6 41.7 62.5
87 29.0 30.2 45.2#
59 12.9 11.0 16.6

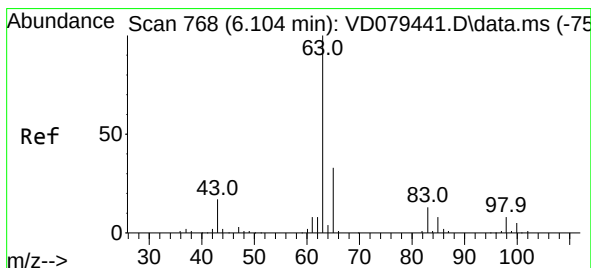
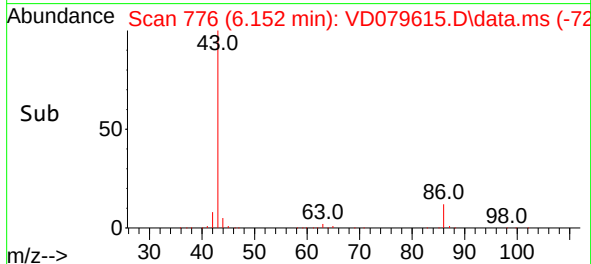
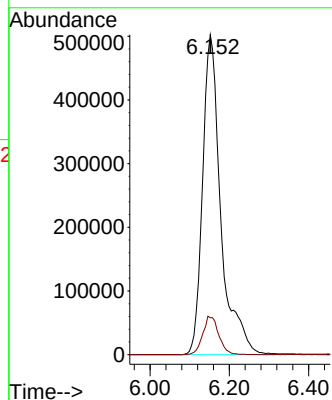
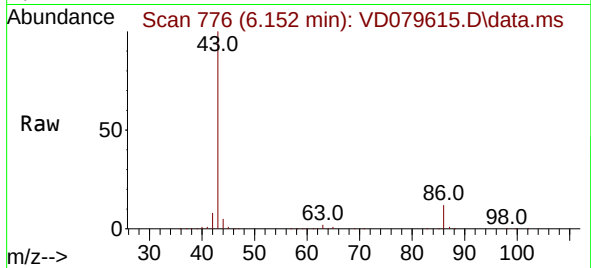




#23
 Vinyl Acetate
 Concen: 294.340 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

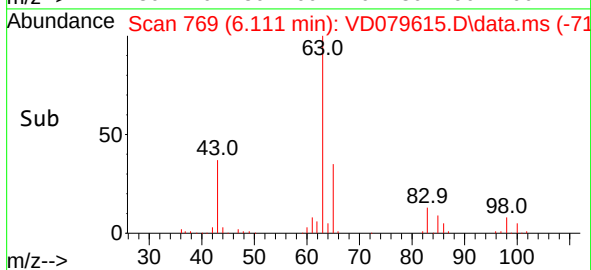
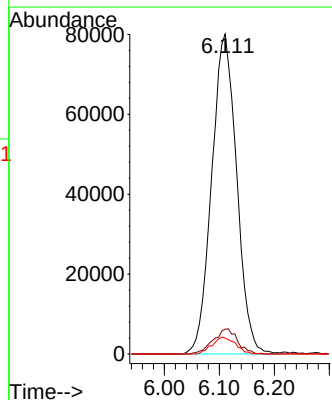
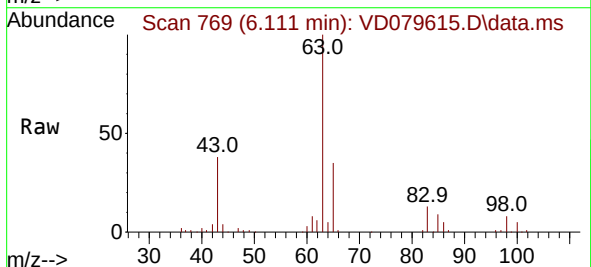
Instrument :
 MSVOA_D
 ClientSampleId :

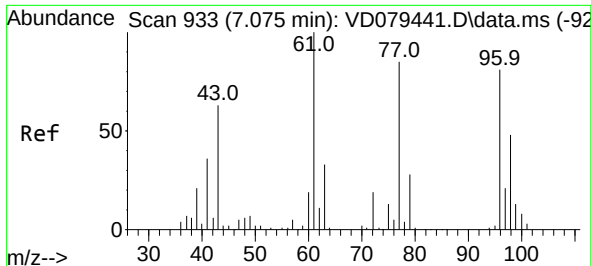
Tgt Ion: 43 Resp: 1608338
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 51.947 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

Tgt Ion: 63 Resp: 253046
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.7 14.0
 100 5.0 2.9 8.6

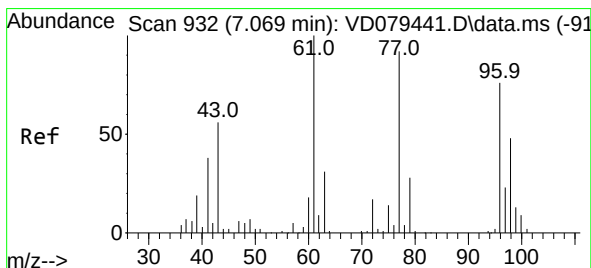
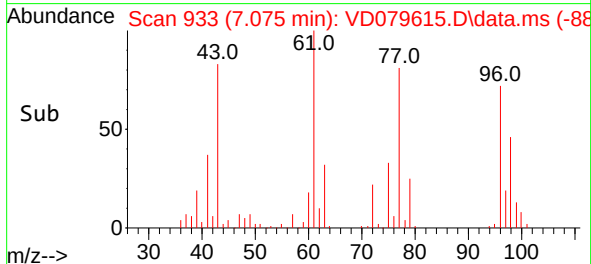
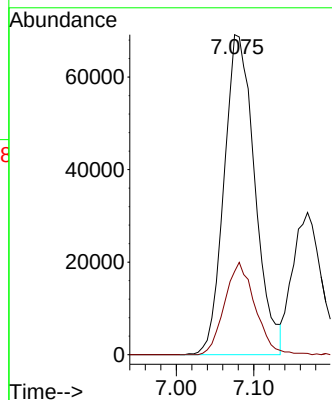
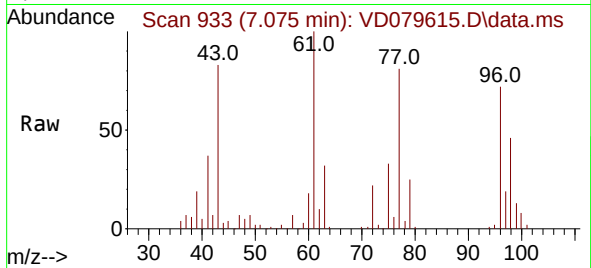




#25
2-Butanone
Concen: 298.467 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

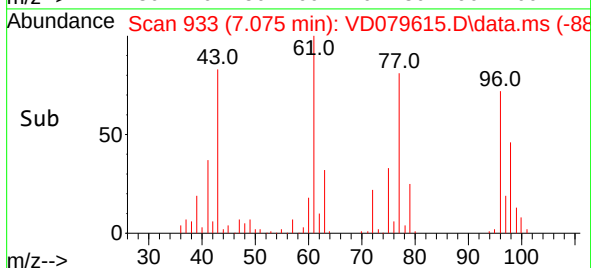
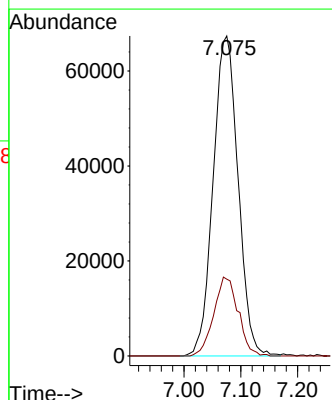
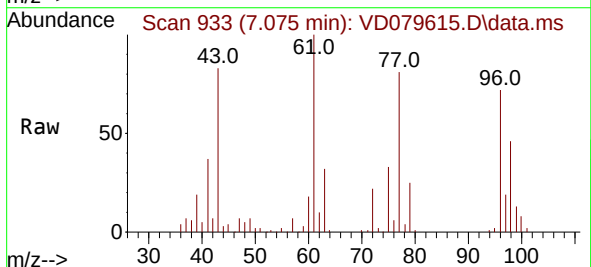
Instrument :
MSVOA_D
ClientSampleId :

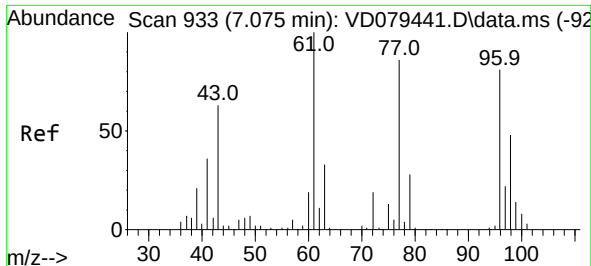
Tgt Ion: 43 Resp: 191293
Ion Ratio Lower Upper
43 100
72 26.0 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 52.070 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

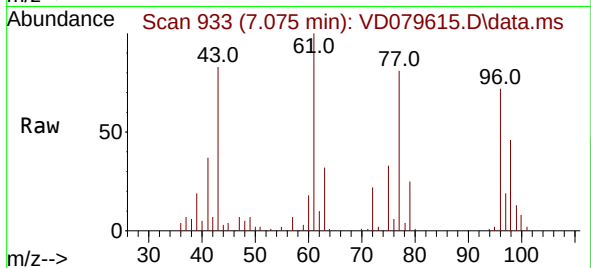
Tgt Ion: 77 Resp: 205166
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.2



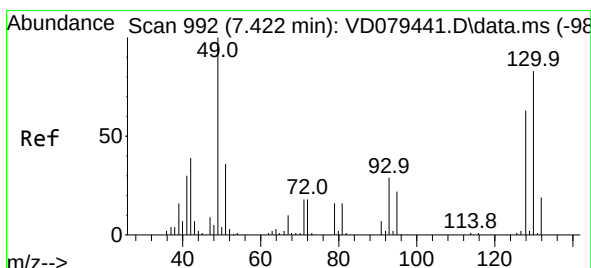
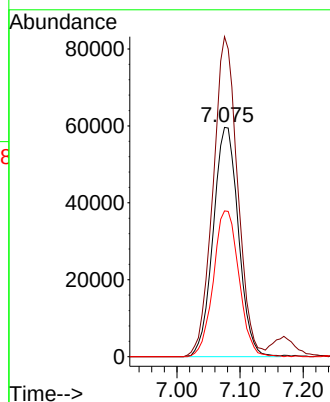
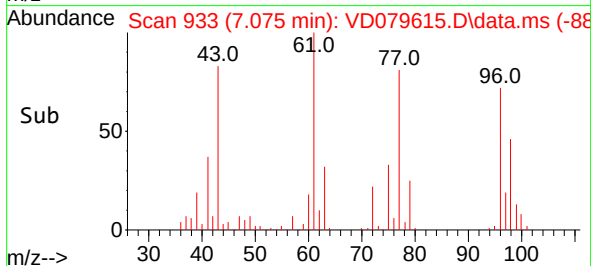


#27
cis-1,2-Dichloroethene
Concen: 52.129 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

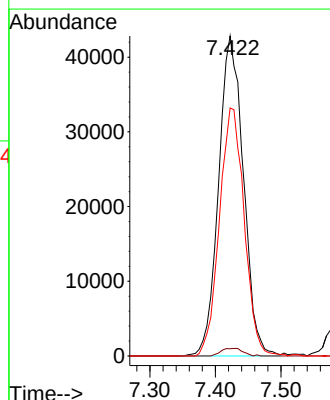
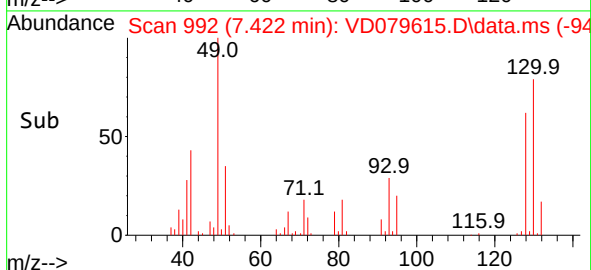
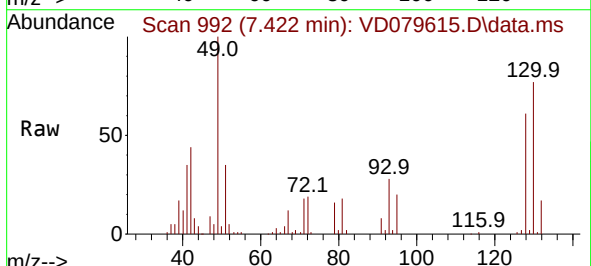


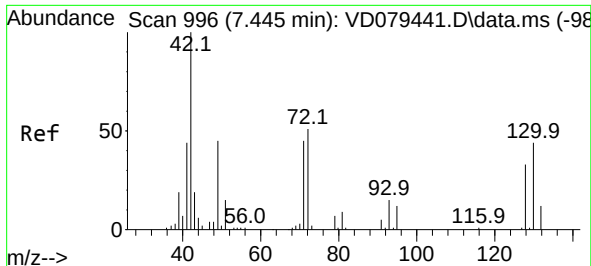
Tgt Ion: 96 Resp: 165607
Ion Ratio Lower Upper
96 100
61 136.1 0.0 229.0
98 64.3 0.0 127.2



#28
Bromochloromethane
Concen: 52.536 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 49 Resp: 112221
Ion Ratio Lower Upper
49 100
129 2.1 0.0 7.0
130 77.5 87.7 131.5#

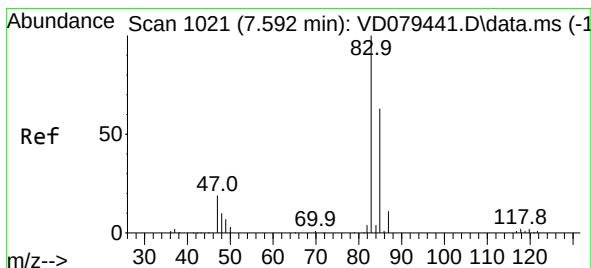
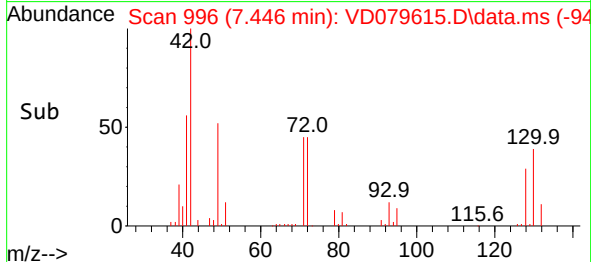
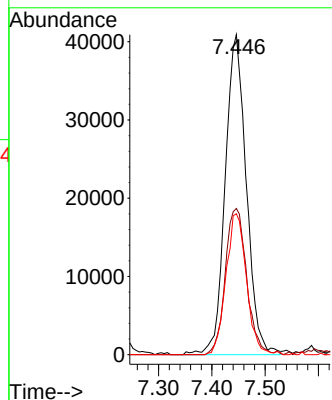
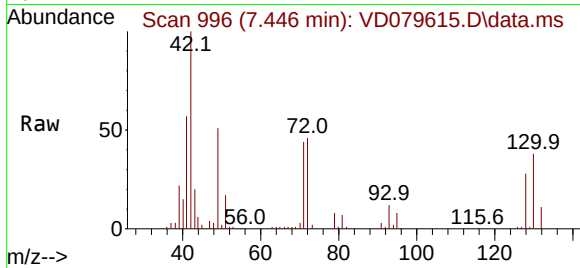




#29
Tetrahydrofuran
Concen: 284.173 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

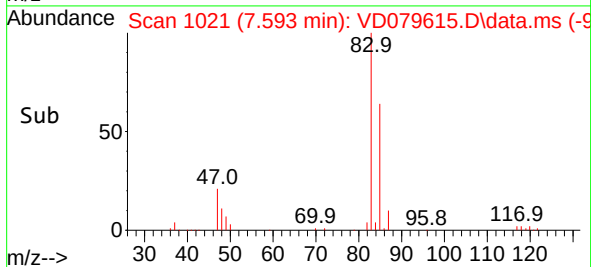
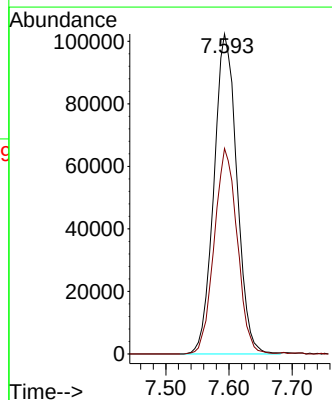
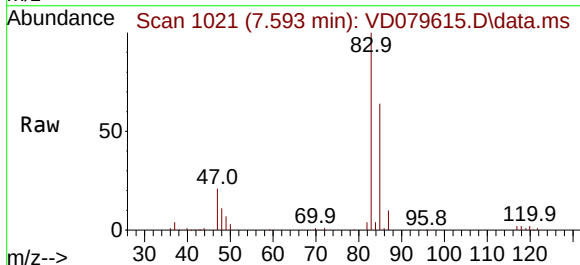
Instrument :
MSVOA_D
ClientSampleId :

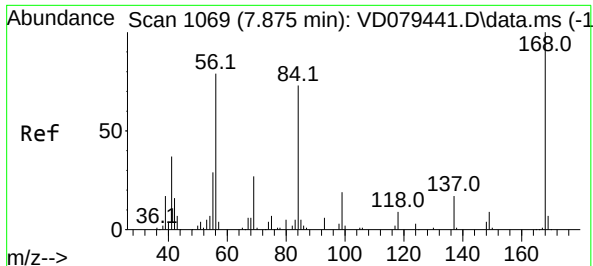
Tgt Ion: 42 Resp: 112872
Ion Ratio Lower Upper
42 100
72 46.4 49.4 74.0#
71 42.8 45.0 67.6#



#30
Chloroform
Concen: 52.334 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

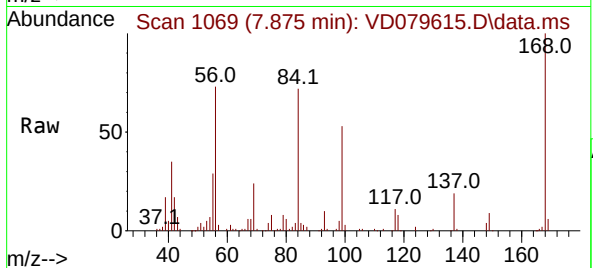
Tgt Ion: 83 Resp: 258162
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



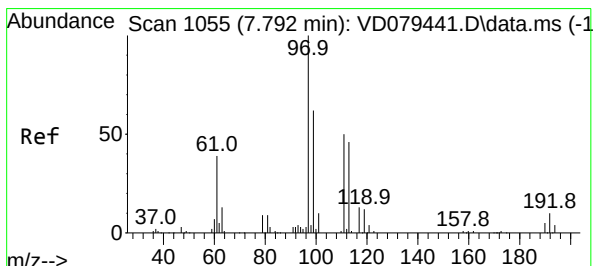
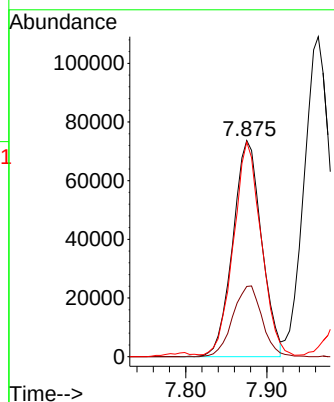
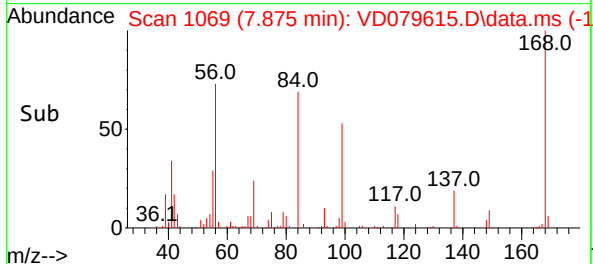


#31
Cyclohexane
Concen: 46.952 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

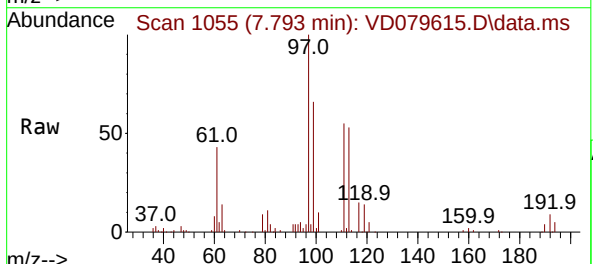
Instrument :
MSVOA_D
ClientSampleId :



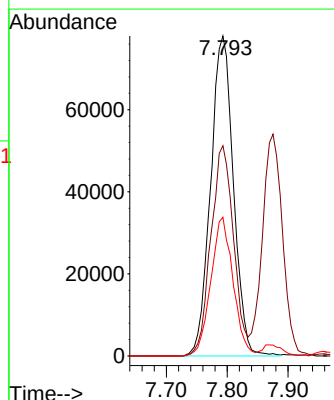
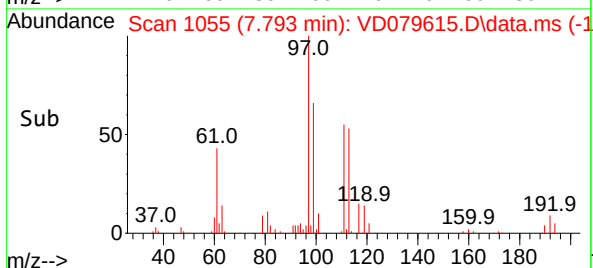
Tgt Ion: 56 Resp: 181390
Ion Ratio Lower Upper
56 100
69 32.5 28.0 42.0
84 97.6 87.4 131.0

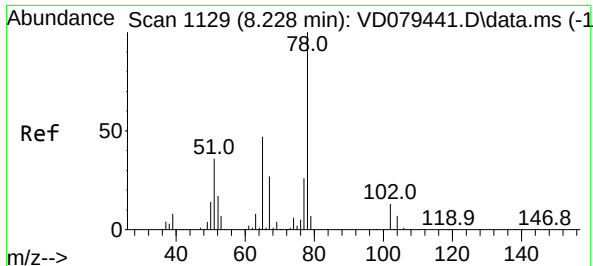


#32
1,1,1-Trichloroethane
Concen: 49.851 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32



Tgt Ion: 97 Resp: 202923
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 42.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.166 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

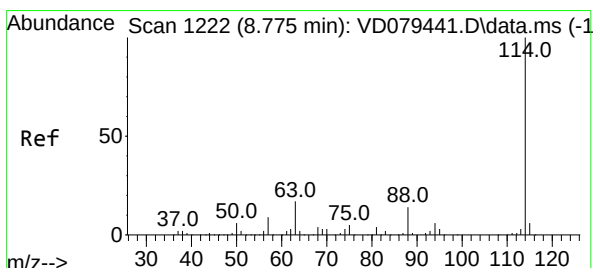
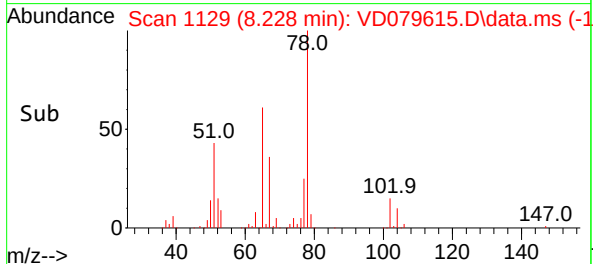
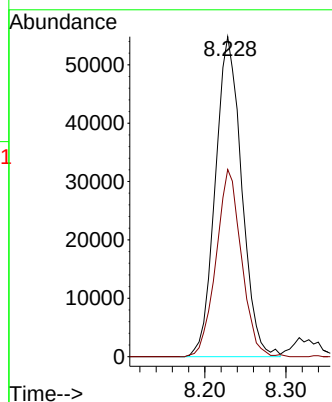
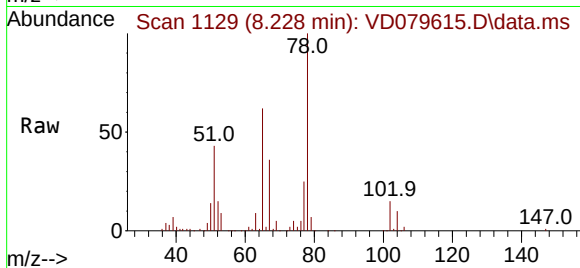
ClientSampleId :

Tgt Ion: 65 Resp: 123674

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

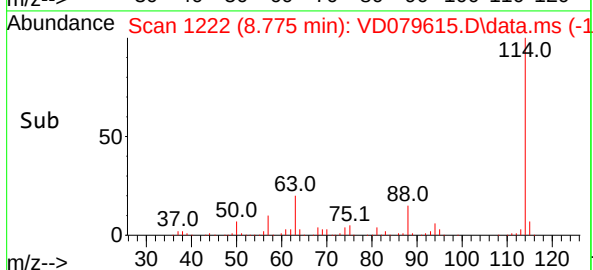
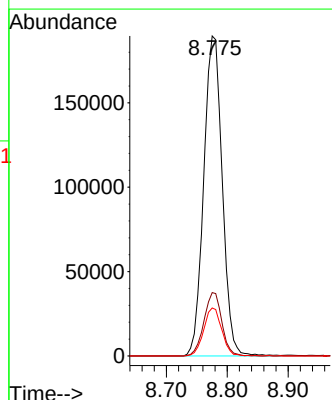
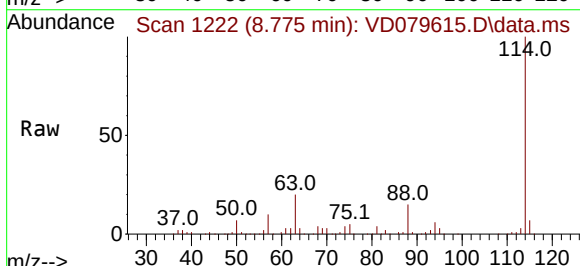
Tgt Ion: 114 Resp: 401937

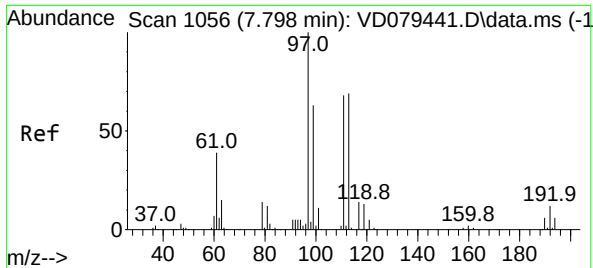
Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.0

88 15.0 0.0 27.2

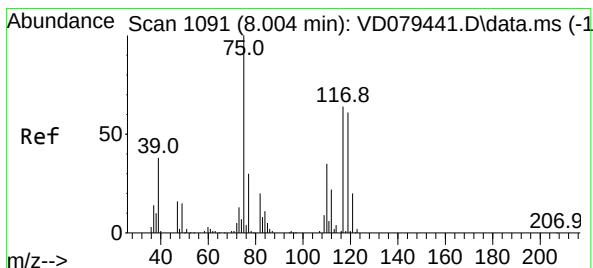
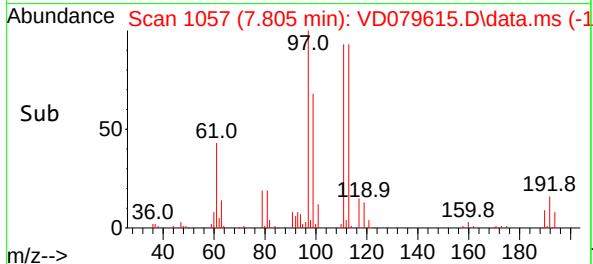
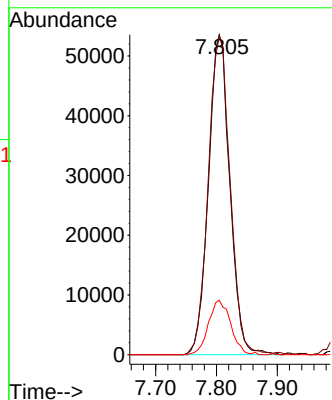
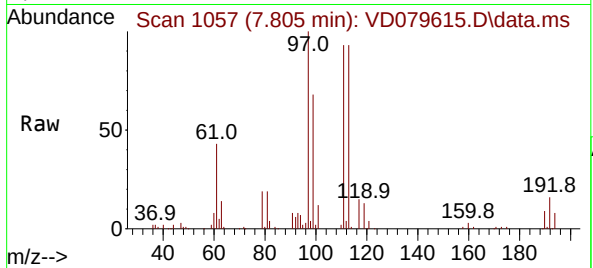




#35
Dibromofluoromethane
Concen: 47.960 ug/l
RT: 7.805 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

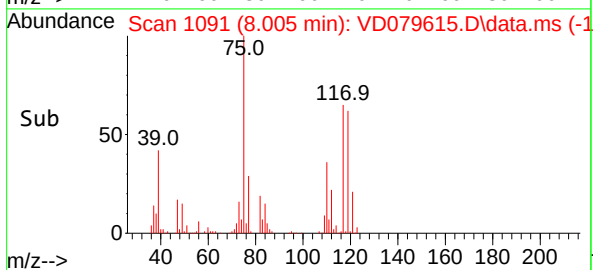
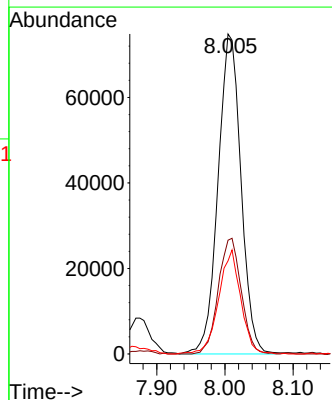
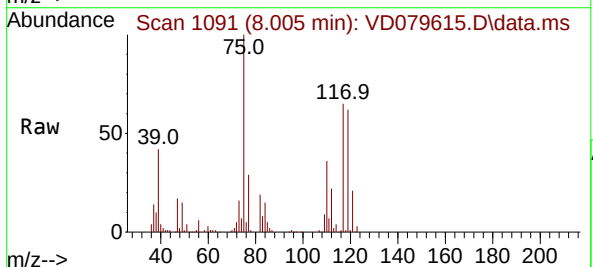
Instrument :
MSVOA_D
ClientSampleId :

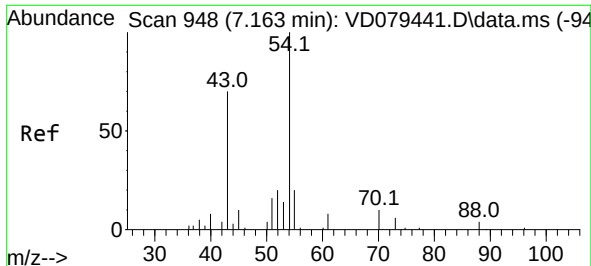
Tgt Ion:113 Resp: 130475
Ion Ratio Lower Upper
113 100
111 101.9 84.0 126.0
192 17.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 47.335 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 75 Resp: 175763
Ion Ratio Lower Upper
75 100
110 36.2 19.6 58.7
77 31.3 26.1 39.1





#37

Ethyl Acetate

Concen: 53.177 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD079615.D

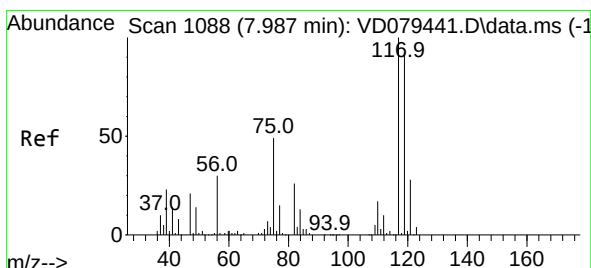
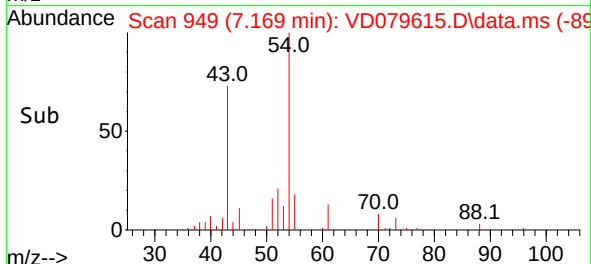
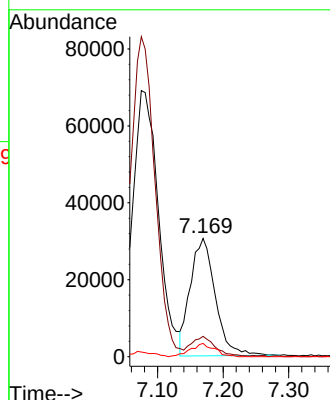
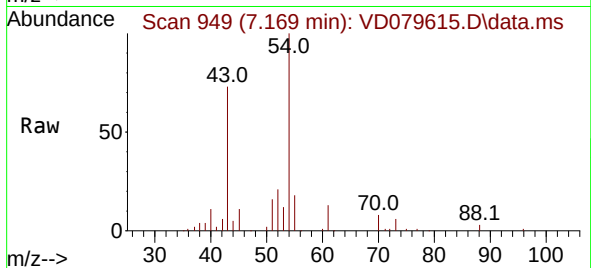
Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	80958
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.9	20.9
70	10.8	9.8	14.6



#38

Carbon Tetrachloride

Concen: 46.283 ug/l

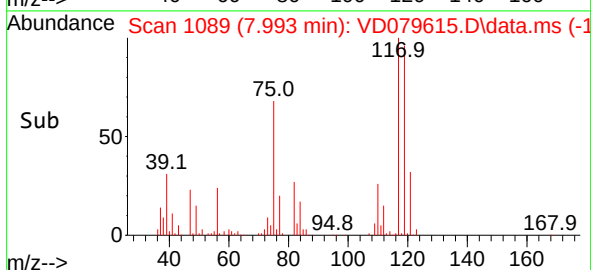
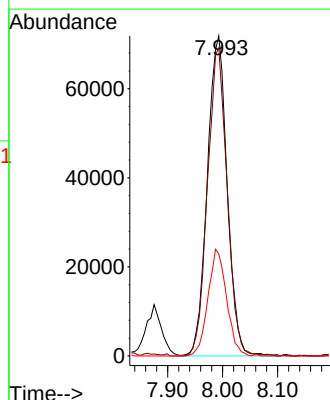
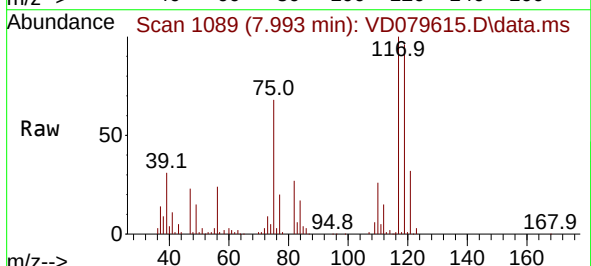
RT: 7.993 min Scan# 1089

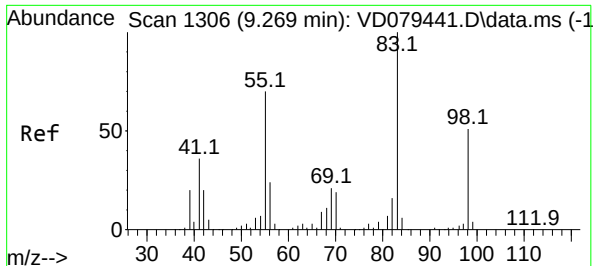
Delta R.T. 0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Tgt Ion:	117	Resp:	180662
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
121	31.9	25.0	37.4





#39

Methylcyclohexane

Concen: 45.213 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

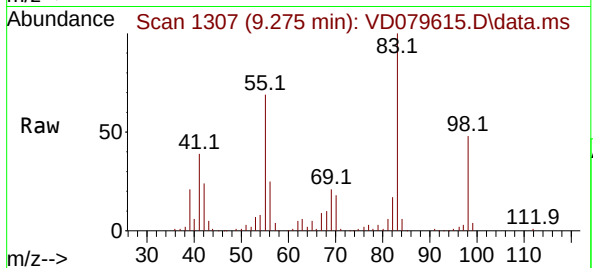
Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

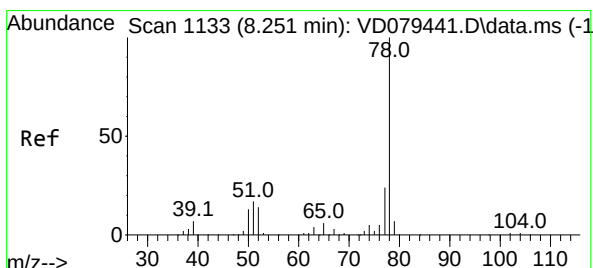
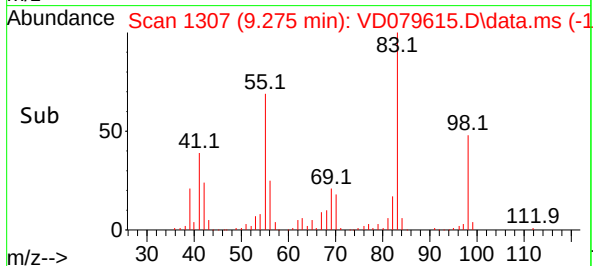
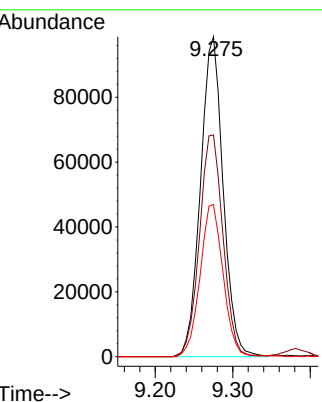
MSVOA_D

ClientSampleId :



Tgt Ion: 83 Resp: 200314

Ion	Ratio	Lower	Upper
83	100		
55	69.3	50.1	75.1
98	47.6	41.9	62.9



#40

Benzene

Concen: 48.753 ug/l

RT: 8.252 min Scan# 1133

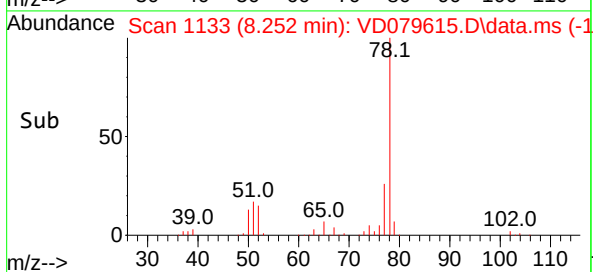
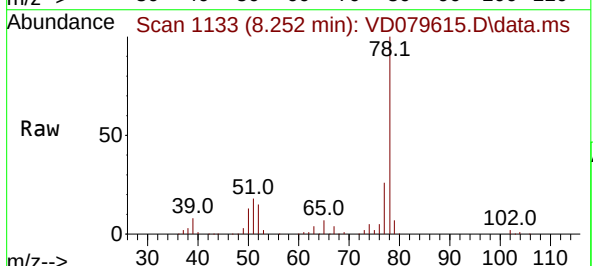
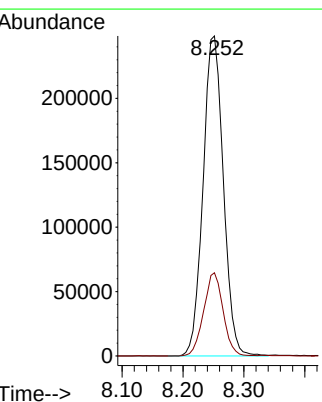
Delta R.T. 0.000 min

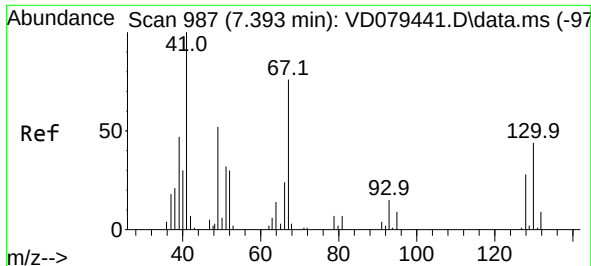
Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Tgt Ion: 78 Resp: 574981

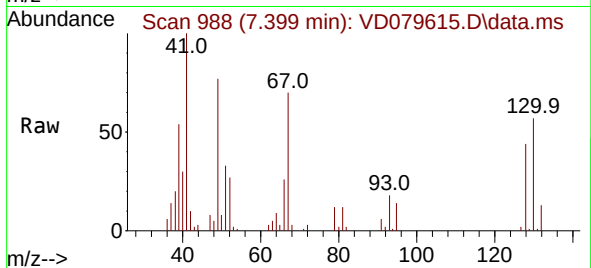
Ion	Ratio	Lower	Upper
78	100		
77	26.0	18.1	27.1



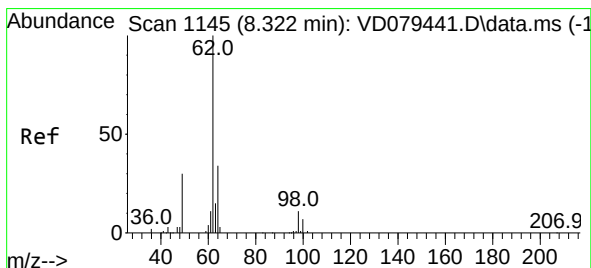
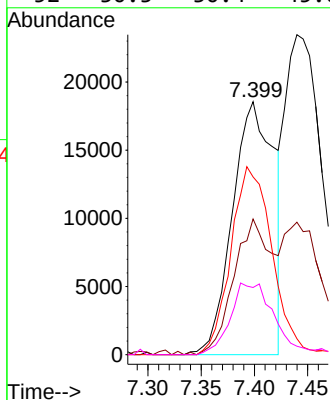
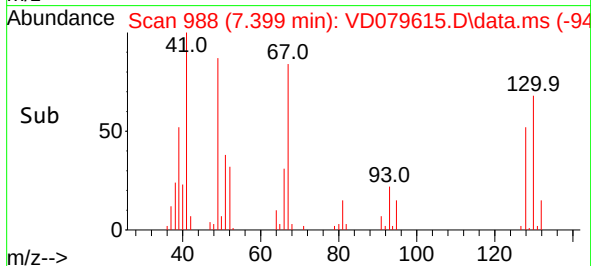


#41
Methacrylonitrile
Concen: 60.060 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

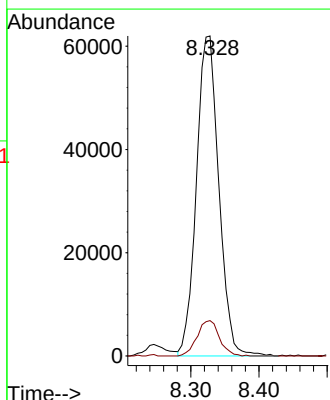
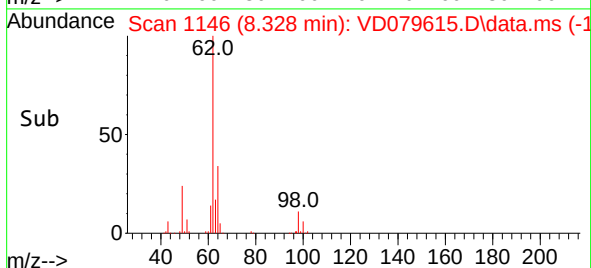
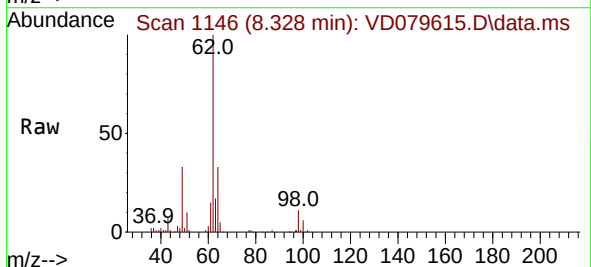


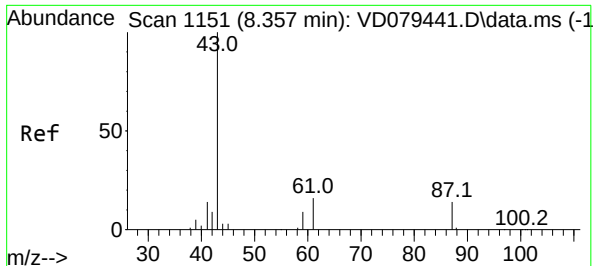
Tgt Ion:	41	Resp:	50295
Ion	Ratio	Lower	Upper
41	100		
39	50.4	41.4	62.0
67	74.0	85.8	128.6#
52	30.3	30.4	45.6#



#42
1,2-Dichloroethane
Concen: 50.409 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

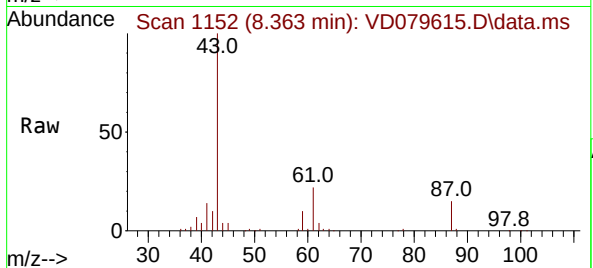
Tgt Ion:	62	Resp:	141668
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	25.8



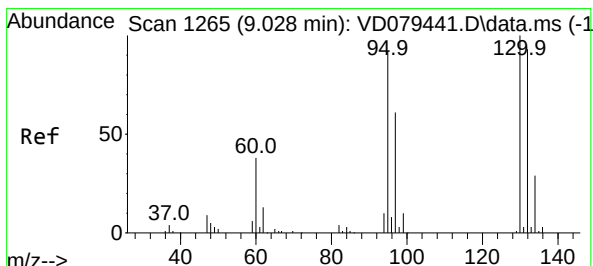
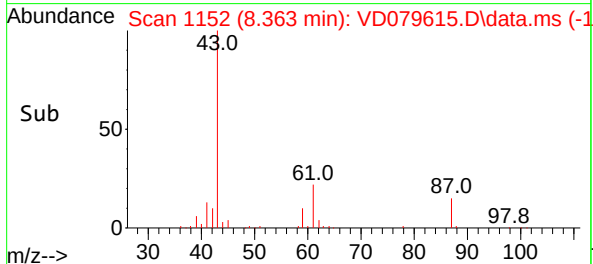
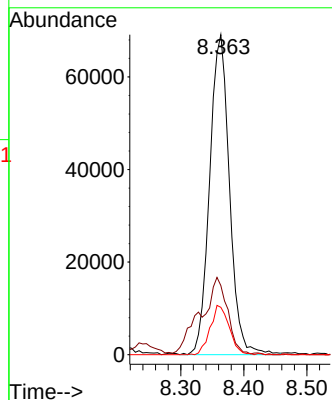


#43
Isopropyl Acetate
Concen: 52.736 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

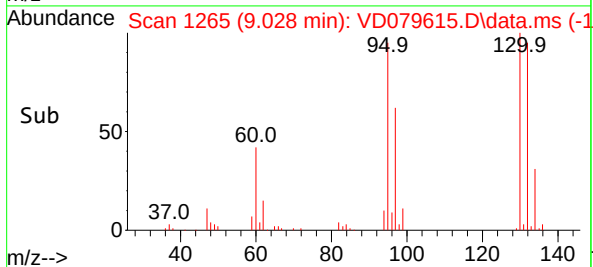
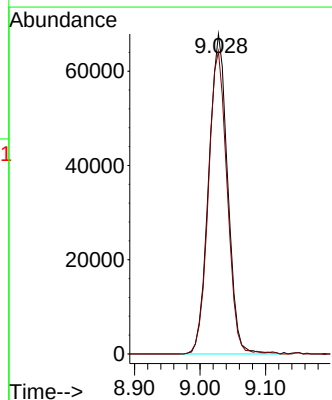
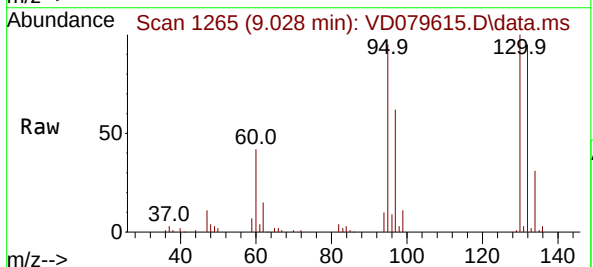


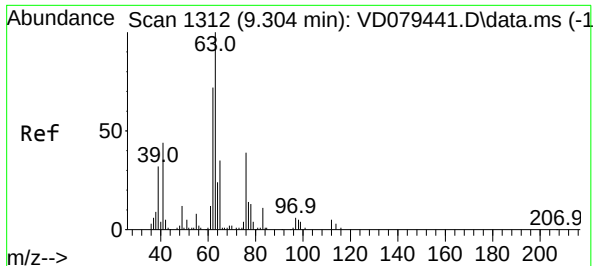
Tgt Ion: 43 Resp: 150891
Ion Ratio Lower Upper
43 100
61 23.0 29.3 43.9#
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 46.239 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:130 Resp: 135752
Ion Ratio Lower Upper
130 100
95 94.6 0.0 177.8





#45

1,2-Dichloropropane

Concen: 50.918 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

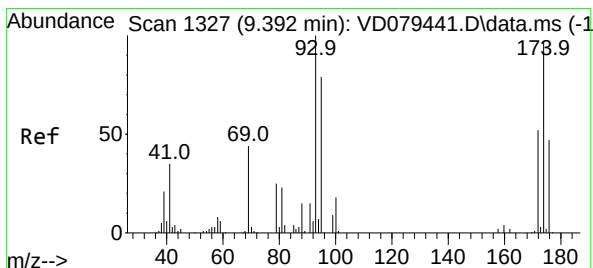
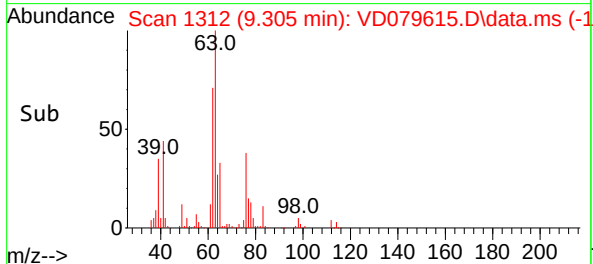
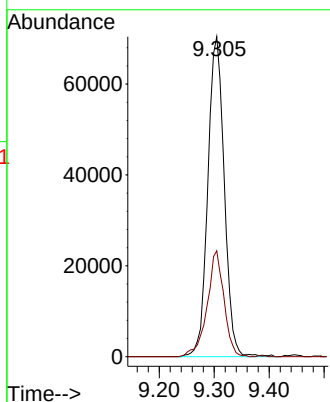
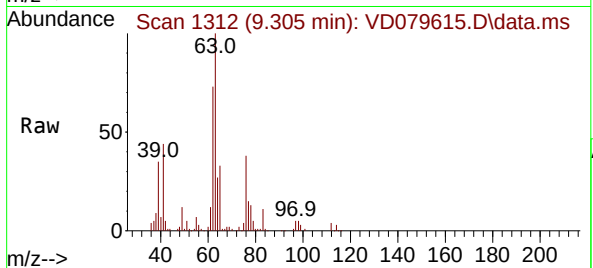
ClientSampleId :

Tgt Ion: 63 Resp: 146141

Ion Ratio Lower Upper

63 100

65 33.1 23.8 35.8



#46

Dibromomethane

Concen: 49.749 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

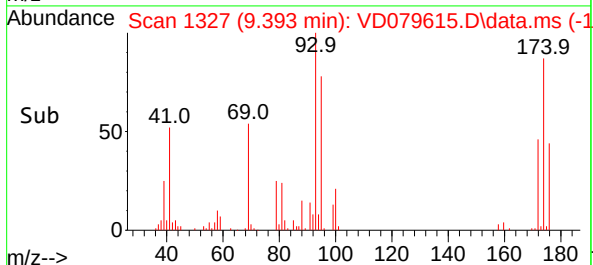
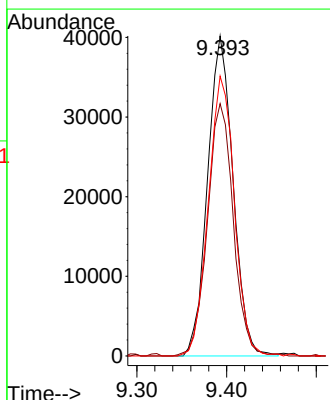
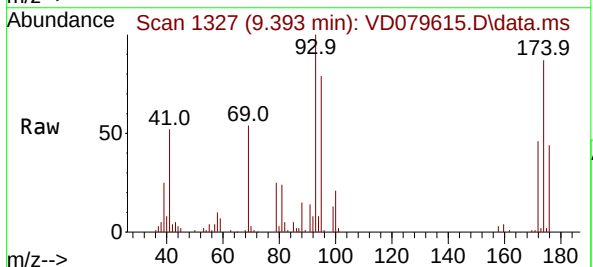
Tgt Ion: 93 Resp: 79156

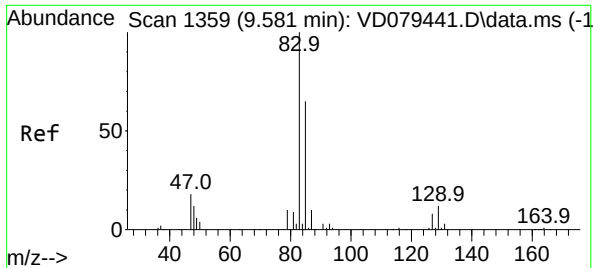
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

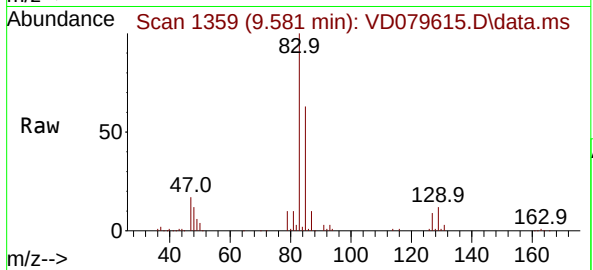
174 89.5 82.3 123.5



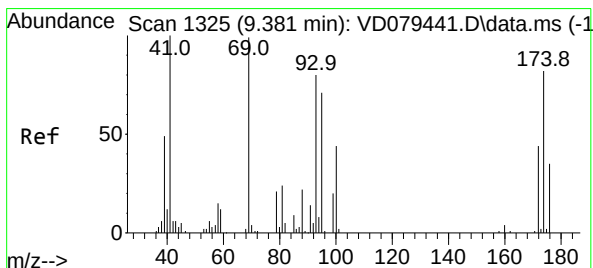
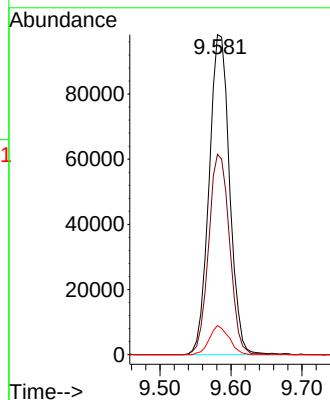
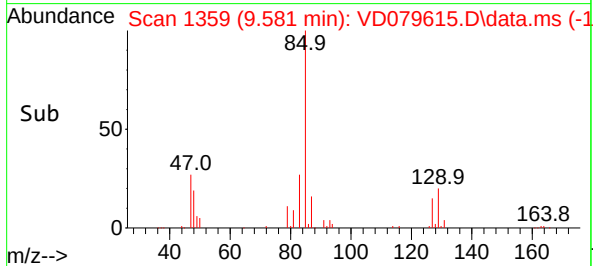


#47
Bromodichloromethane
Concen: 50.393 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

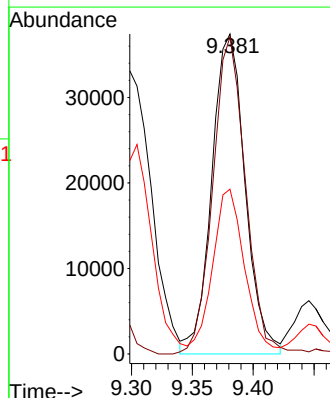
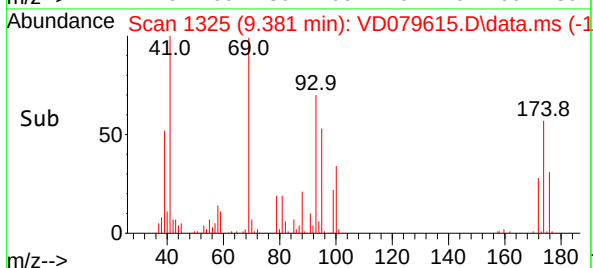
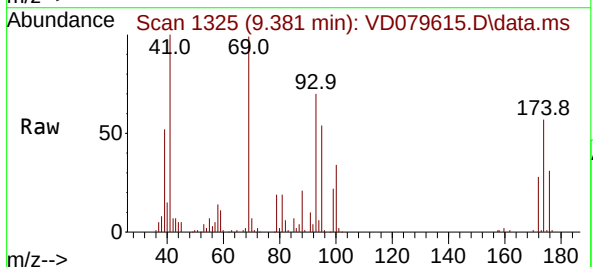


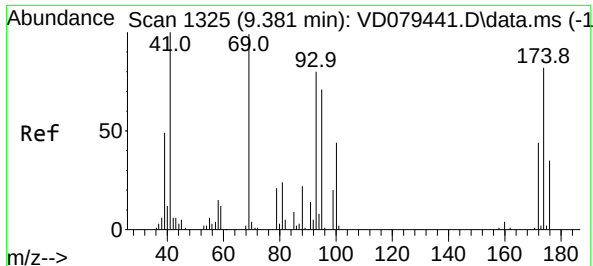
Tgt Ion: 83 Resp: 196880
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 55.747 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 41 Resp: 71384
Ion Ratio Lower Upper
41 100
69 96.9 96.7 145.1
39 45.8 43.8 65.6





#49

1,4-Dioxane

Concen: 1000.128 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

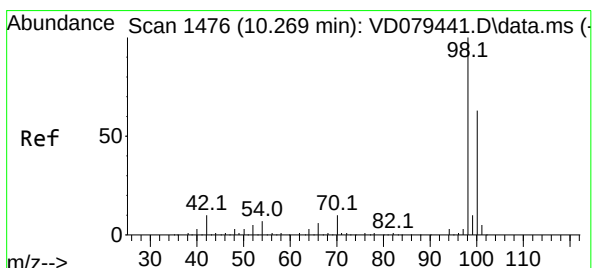
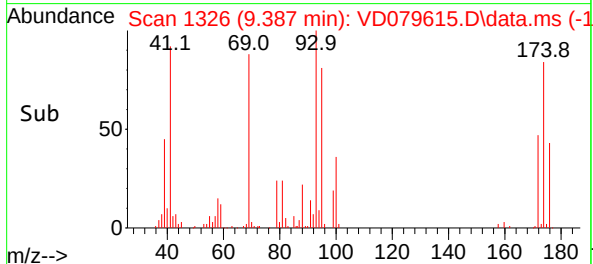
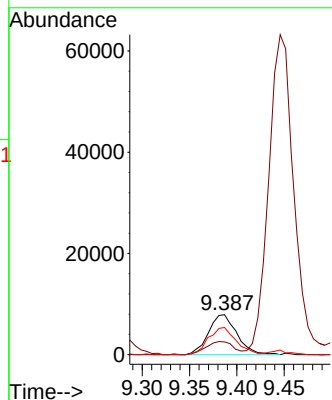
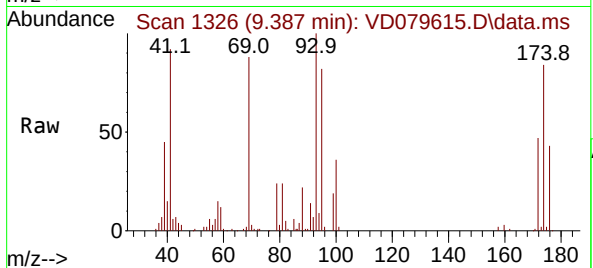
Tgt Ion: 88 Resp: 16489

Ion Ratio Lower Upper

88 100

43 31.7 21.5 32.3

58 66.0 42.2 63.4#



#50

Toluene-d8

Concen: 48.537 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079615.D

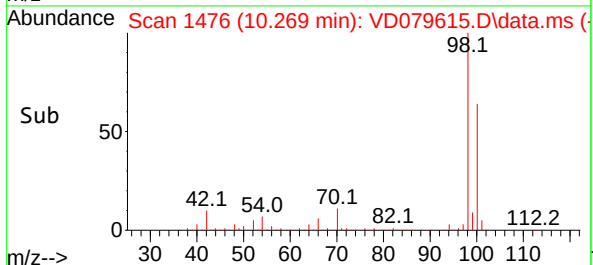
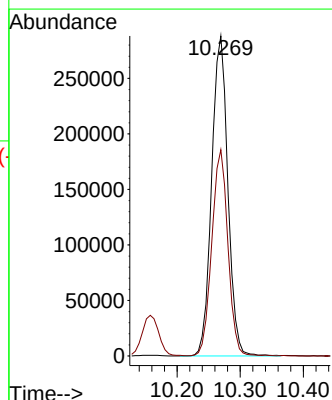
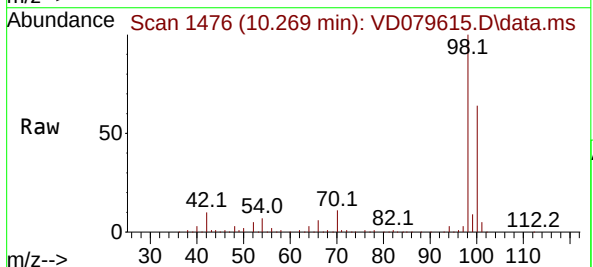
Acq: 06 Aug 2024 11:32

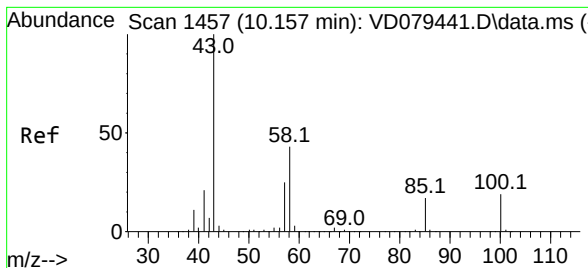
Tgt Ion: 98 Resp: 512779

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

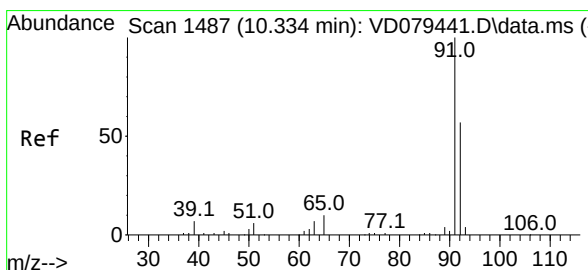
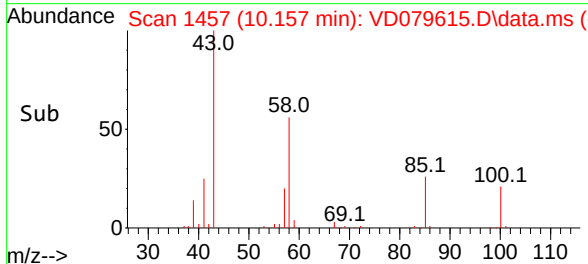
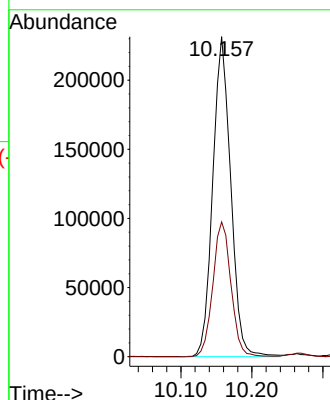
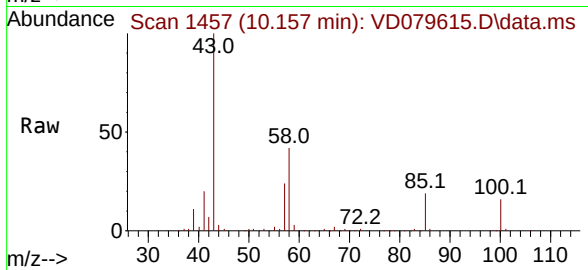




#51
4-Methyl-2-Pentanone
Concen: 278.064 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

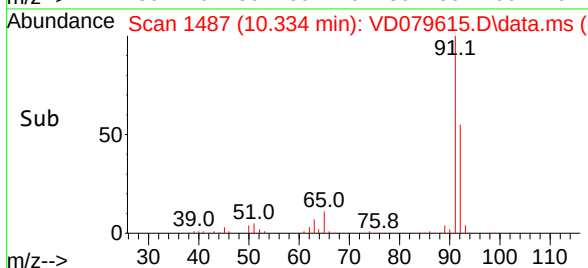
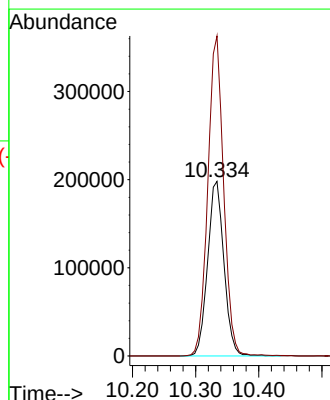
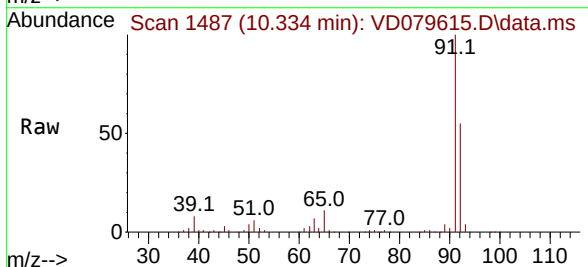
Instrument :
MSVOA_D
ClientSampleId :

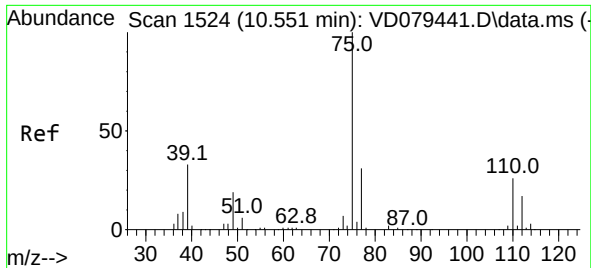
Tgt Ion: 43 Resp: 406199
Ion Ratio Lower Upper
43 100
58 42.4 36.6 55.0



#52
Toluene
Concen: 48.767 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 92 Resp: 355707
Ion Ratio Lower Upper
92 100
91 177.8 141.7 212.5

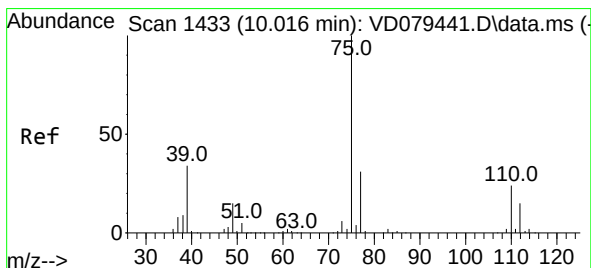
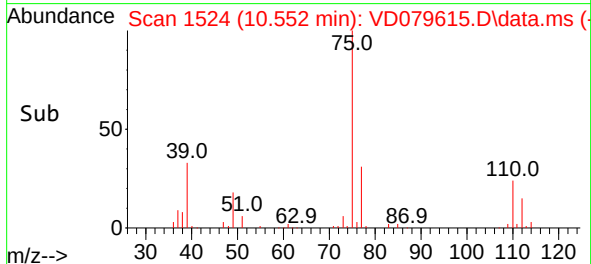
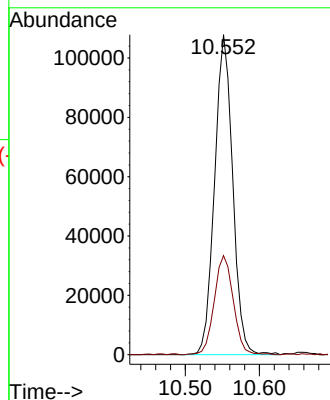
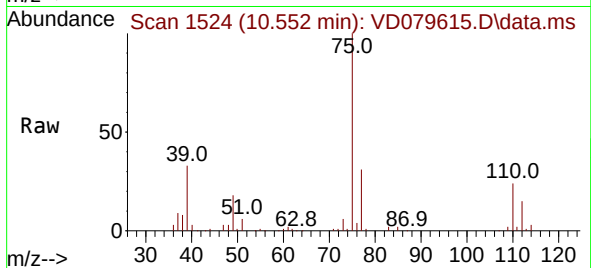




#53
 t-1,3-Dichloropropene
 Concen: 50.734 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

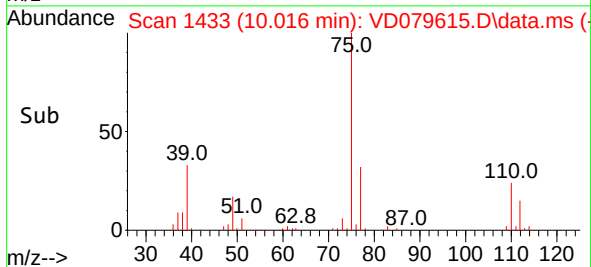
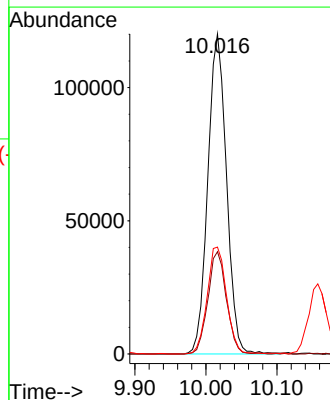
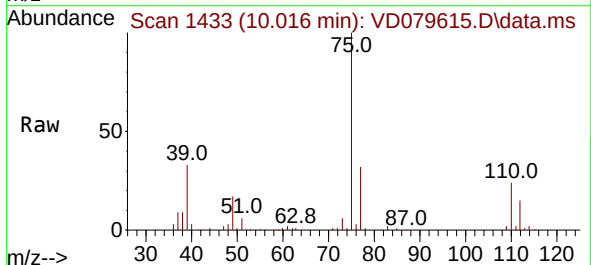
Instrument :
 MSVOA_D
 ClientSampleId :

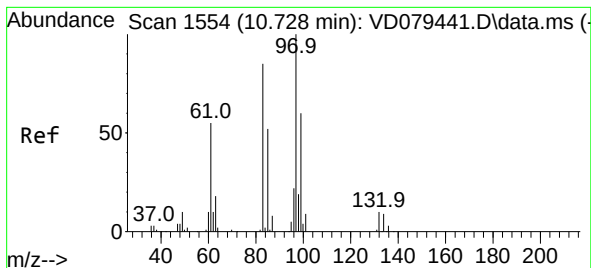
Tgt Ion: 75 Resp: 183042
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.626 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

Tgt Ion: 75 Resp: 219705
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.4 36.6
 39 33.4 24.2 36.2

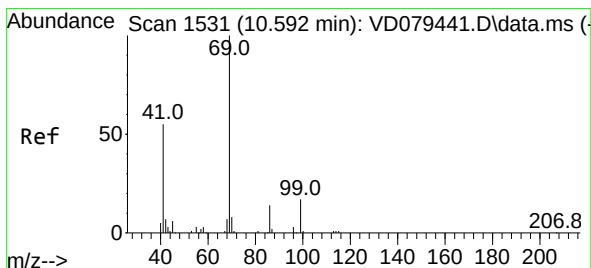
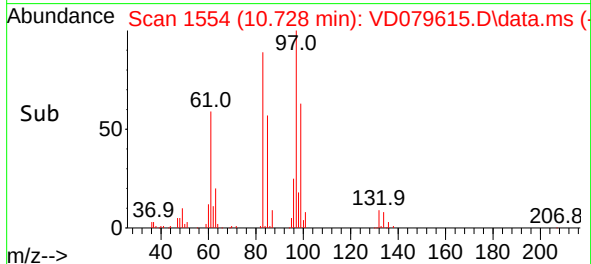
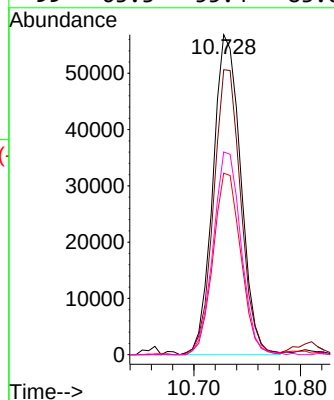
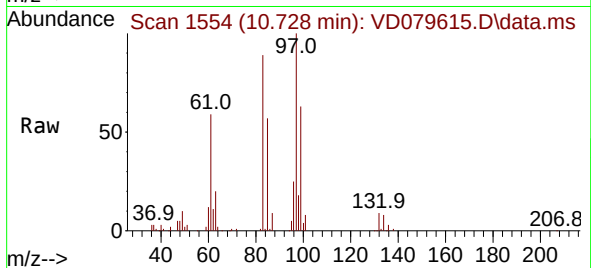




#55
1,1,2-Trichloroethane
Concen: 49.183 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

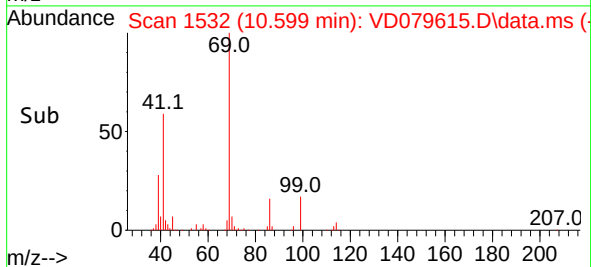
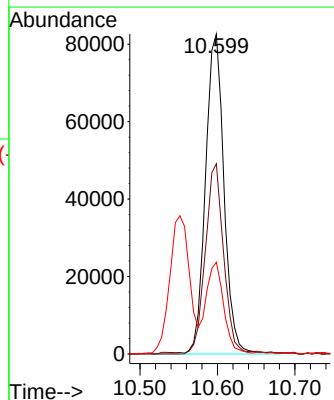
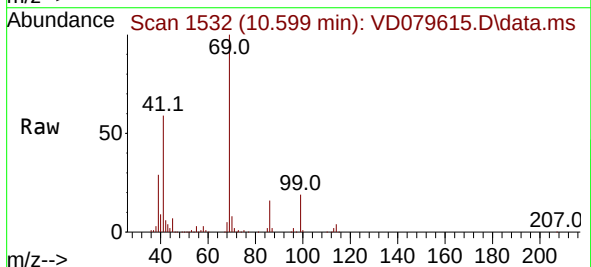
Instrument :
MSVOA_D
ClientSampleId :

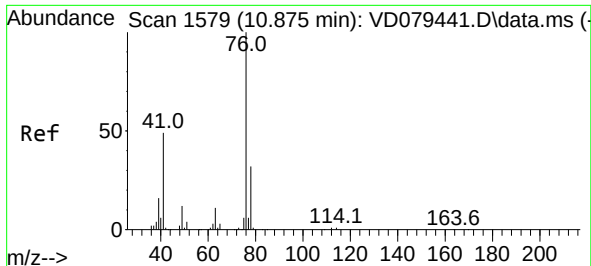
Tgt Ion:	97	Resp:	103086
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.8
85	56.7	43.8	65.8
99	63.3	55.4	83.0



#56
Ethyl methacrylate
Concen: 55.023 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:	69	Resp:	136647
Ion	Ratio	Lower	Upper
69	100		
41	60.0	39.8	59.6#
39	27.0	20.2	30.4





#57

1,3-Dichloropropane

Concen: 51.046 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

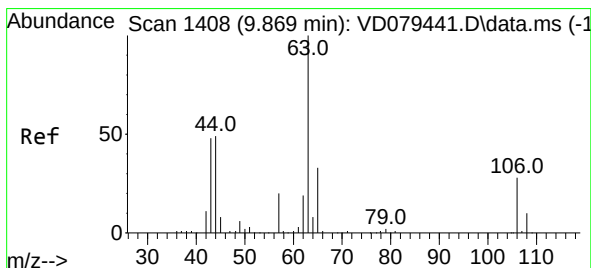
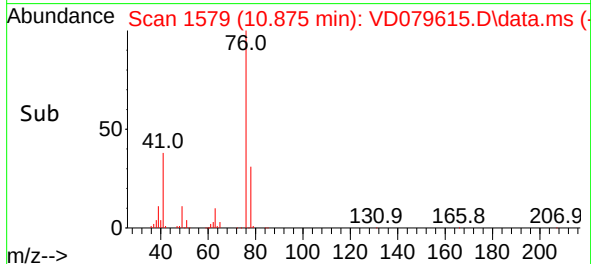
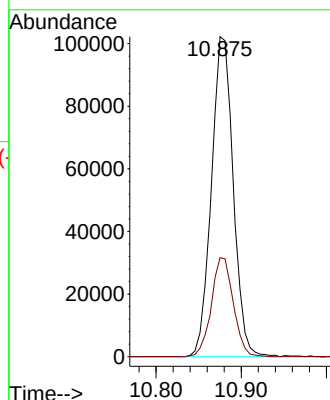
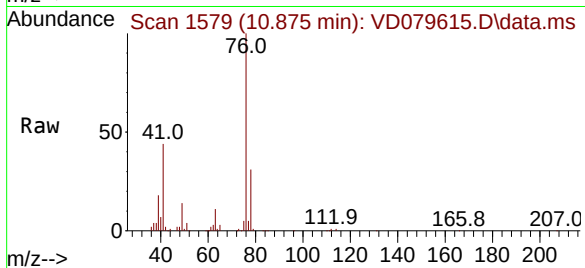
ClientSampleId :

Tgt Ion: 76 Resp: 181806

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.121 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079615.D

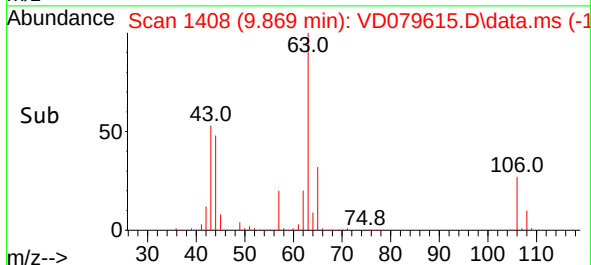
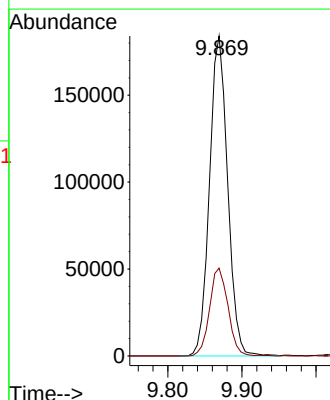
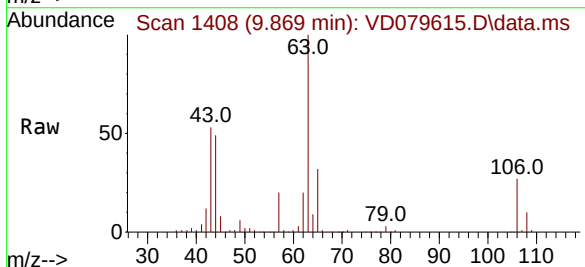
Acq: 06 Aug 2024 11:32

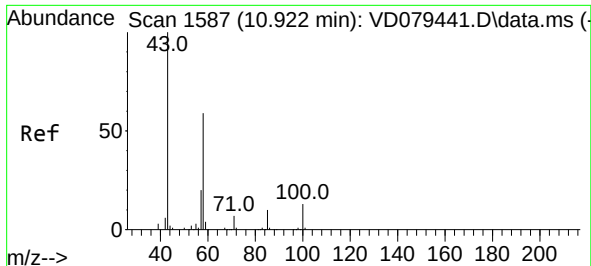
Tgt Ion: 63 Resp: 312806

Ion Ratio Lower Upper

63 100

106 27.9 26.4 39.6

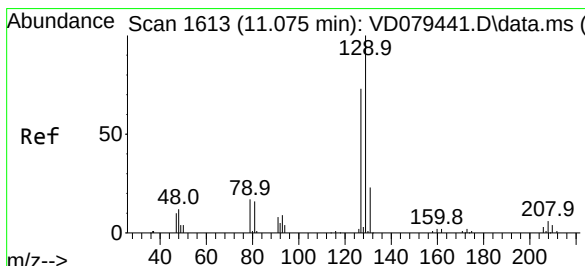
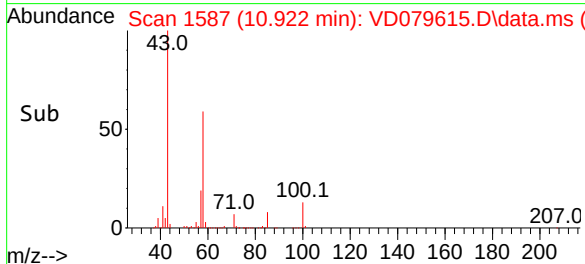
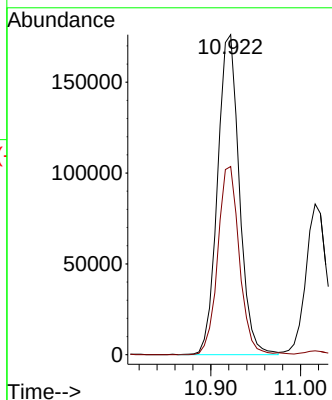
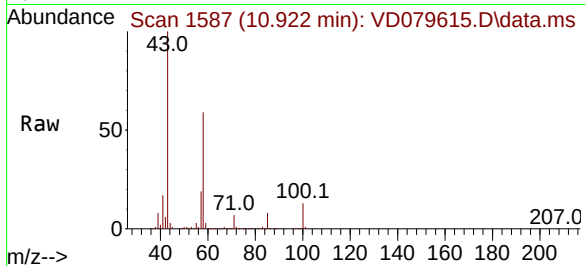




#59
2-Hexanone
Concen: 291.469 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

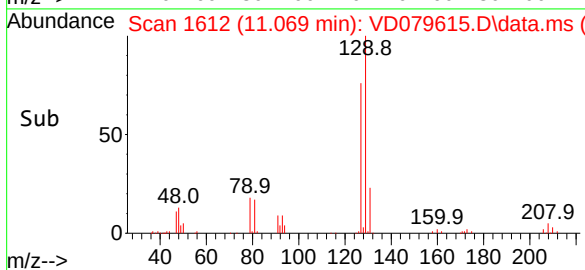
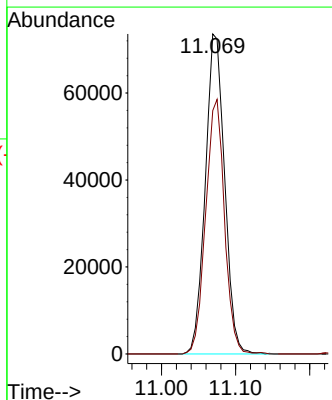
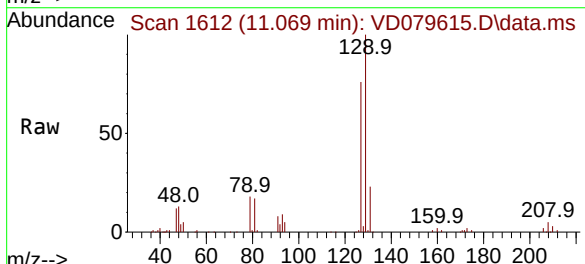
Instrument :
MSVOA_D
ClientSampleId :

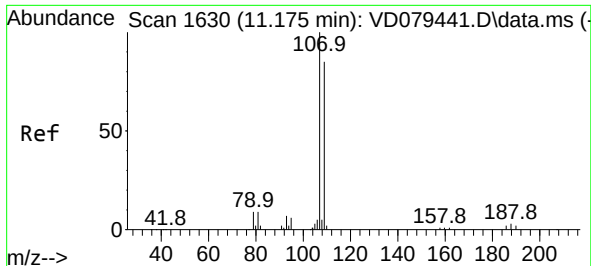
Tgt Ion: 43 Resp: 296950
Ion Ratio Lower Upper
43 100
58 58.3 31.1 93.5



#60
Dibromochloromethane
Concen: 48.679 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:129 Resp: 133285
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

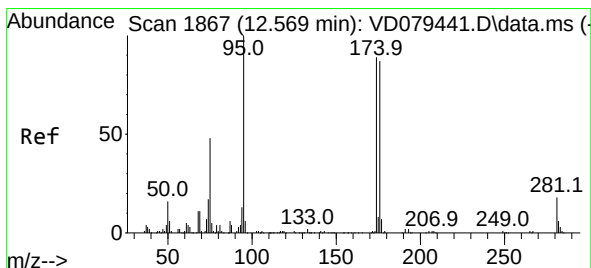
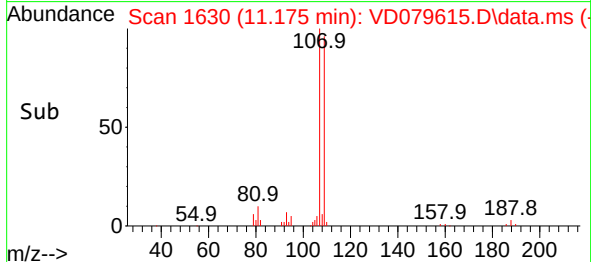
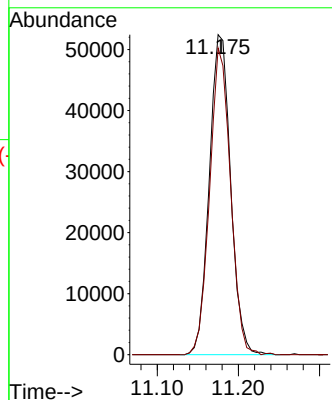
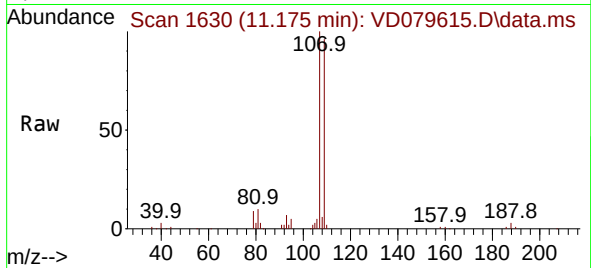




#61
1,2-Dibromoethane
Concen: 48.809 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

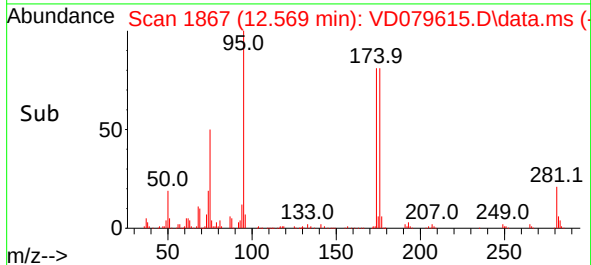
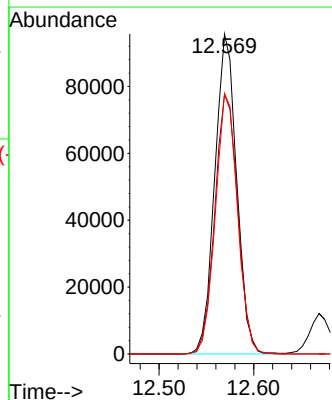
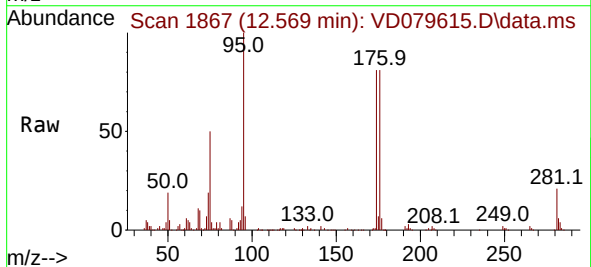
Instrument :
MSVOA_D
ClientSampleId :

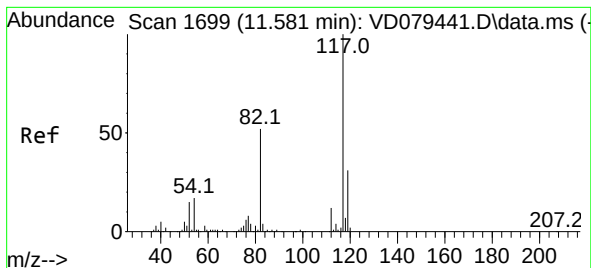
Tgt Ion:107 Resp: 95839
Ion Ratio Lower Upper
107 100
109 93.6 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 50.231 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

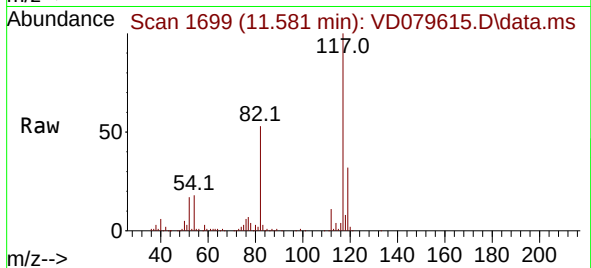
Tgt Ion: 95 Resp: 153566
Ion Ratio Lower Upper
95 100
174 85.2 0.0 195.4
176 82.4 0.0 192.6



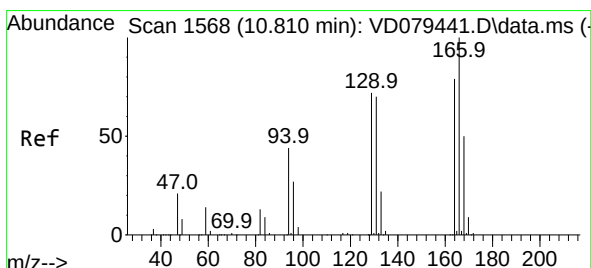
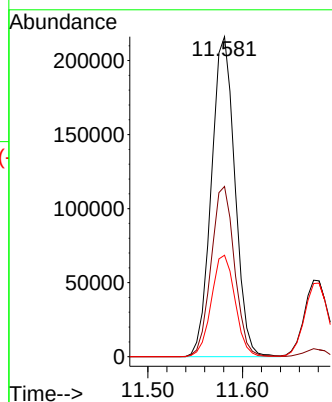
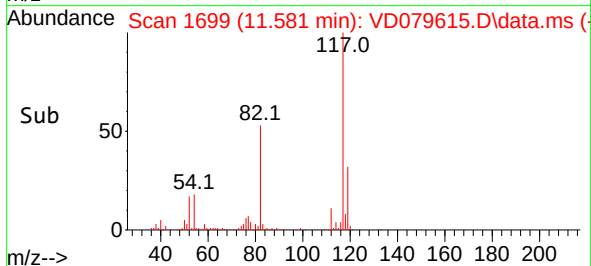


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

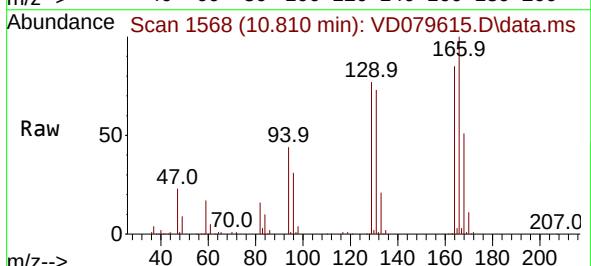
Instrument :
MSVOA_D
ClientSampleId :



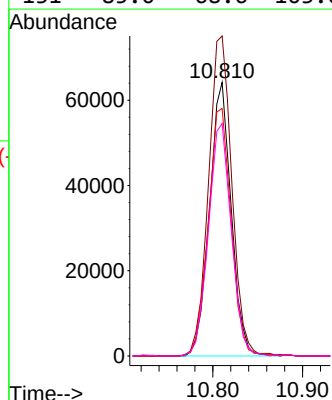
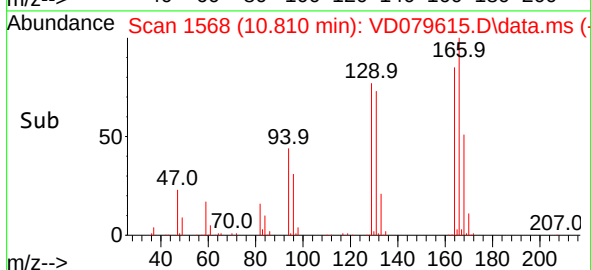
Tgt Ion:117 Resp: 372627
Ion Ratio Lower Upper
117 100
82 53.2 39.8 59.6
119 31.7 25.7 38.5

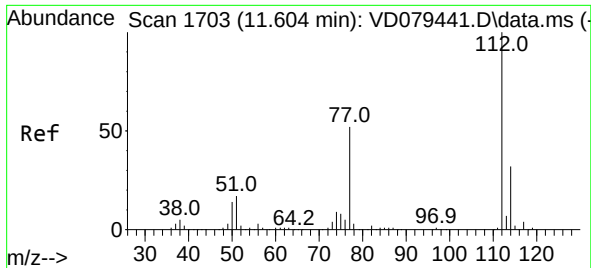


#64
Tetrachloroethene
Concen: 42.937 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32



Tgt Ion:164 Resp: 107885
Ion Ratio Lower Upper
164 100
166 117.0 108.6 163.0
129 90.5 74.6 112.0
131 85.0 68.6 103.0

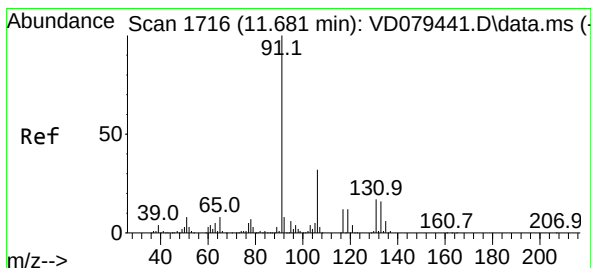
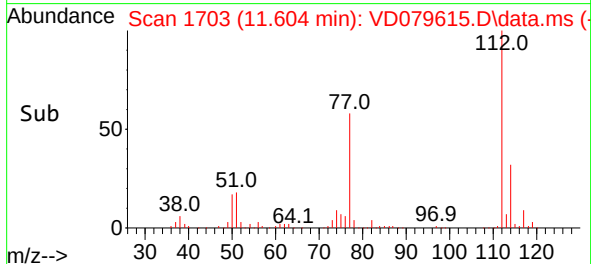
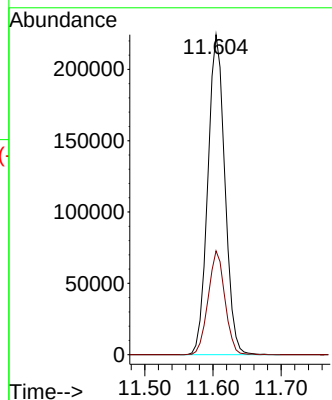
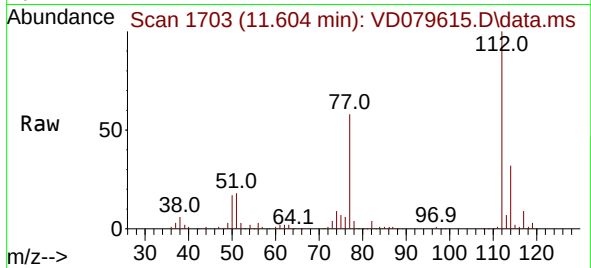




#65
Chlorobenzene
Concen: 47.262 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

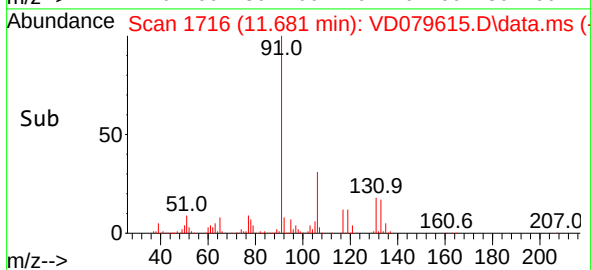
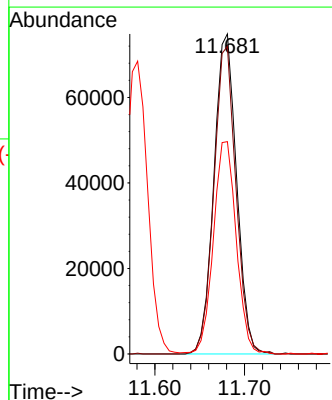
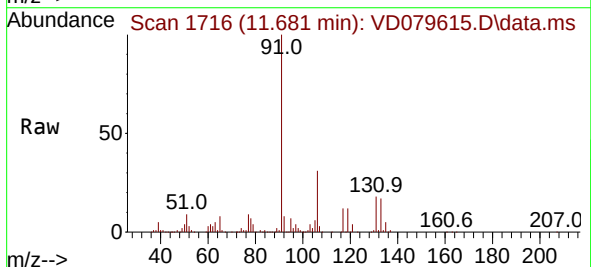
Instrument :
MSVOA_D
ClientSampleId :

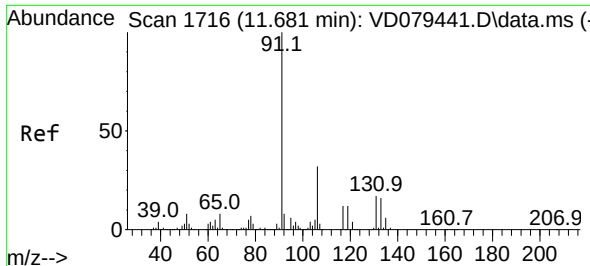
Tgt Ion:112 Resp: 389980
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.321 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:131 Resp: 131183
Ion Ratio Lower Upper
131 100
133 94.0 49.2 147.6
119 67.0 33.4 100.2

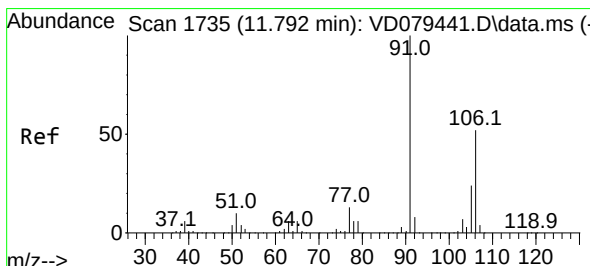
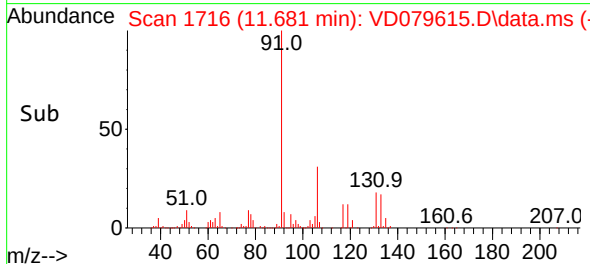
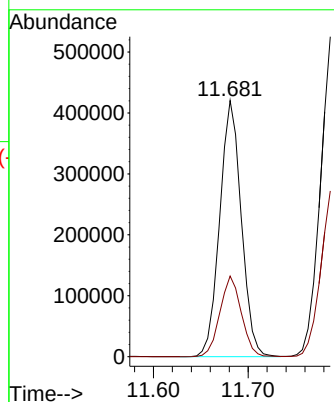
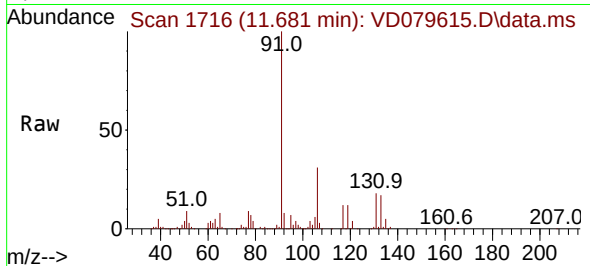




#67
Ethyl Benzene
Concen: 49.264 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

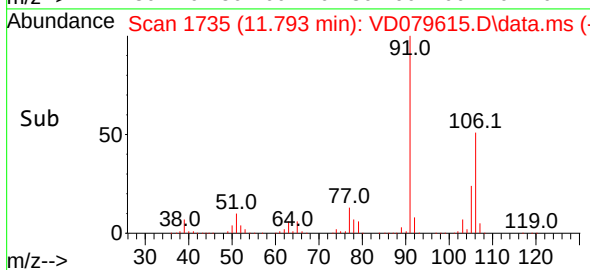
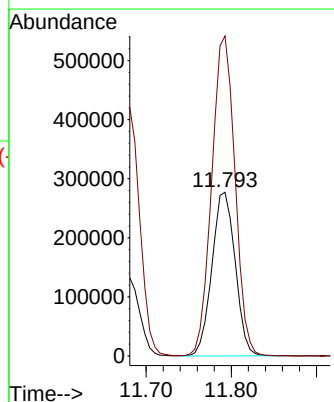
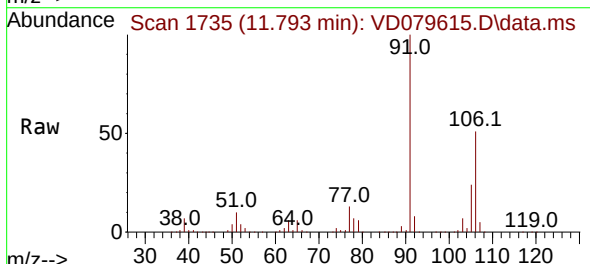
Instrument :
MSVOA_D
ClientSampleId :

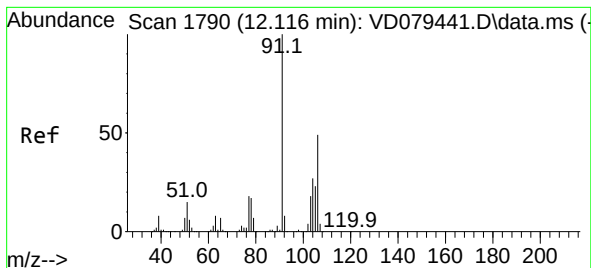
Tgt Ion: 91 Resp: 665457
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 98.033 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 106 Resp: 525370
Ion Ratio Lower Upper
106 100
91 195.9 148.5 222.7

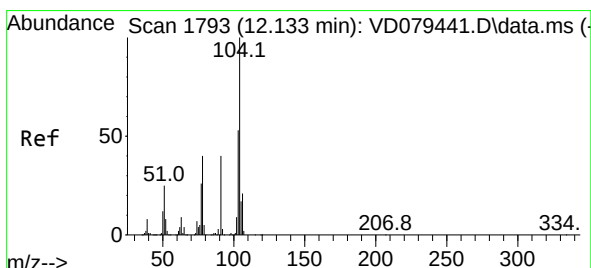
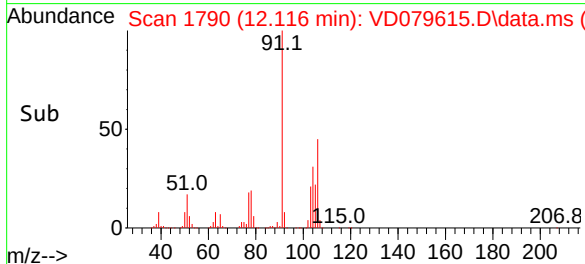
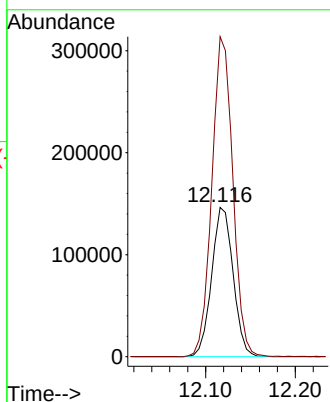
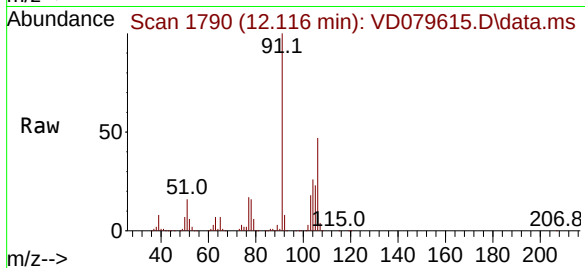




#69
o-Xylene
Concen: 49.448 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

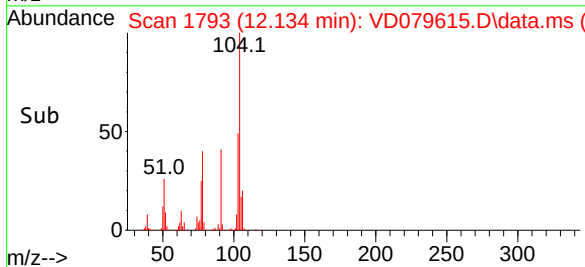
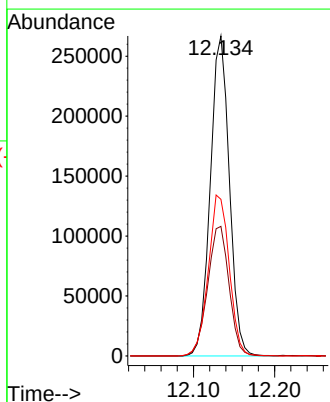
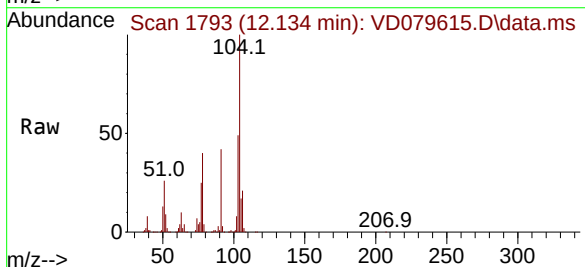
Instrument :
MSVOA_D
ClientSampleId :

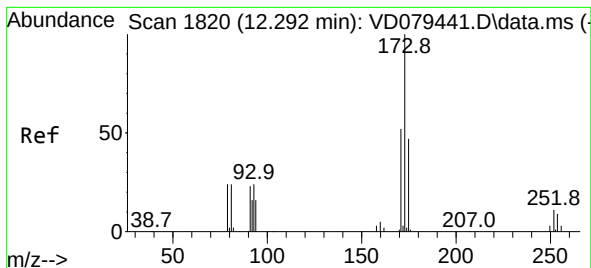
Tgt Ion:106 Resp: 242899
Ion Ratio Lower Upper
106 100
91 209.8 96.7 290.1



#70
Styrene
Concen: 50.556 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion:104 Resp: 435387
Ion Ratio Lower Upper
104 100
78 45.4 33.0 49.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 47.204 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079615.D

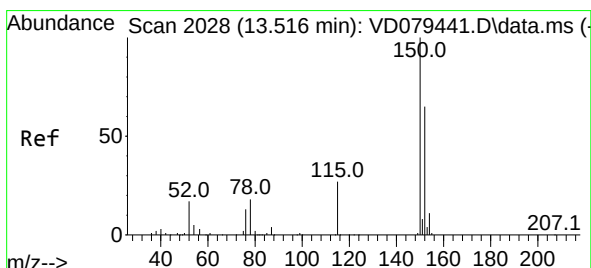
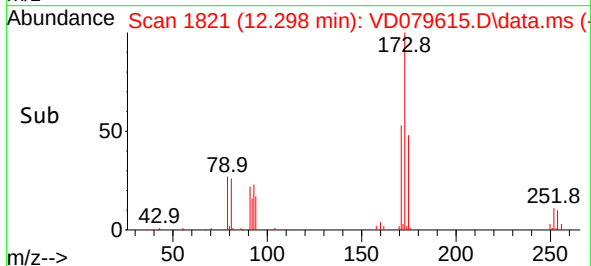
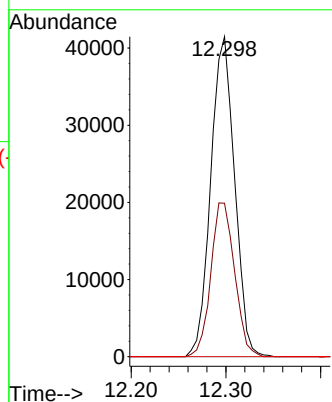
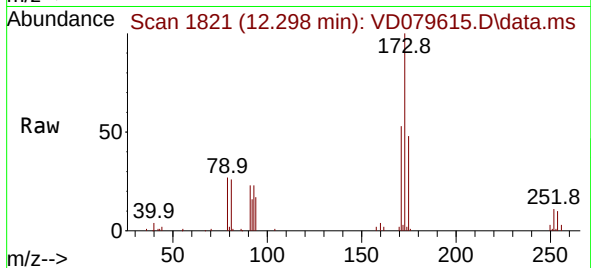
Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	72445
Ion Ratio	Lower	Upper
173	100	
175	48.0	23.7 71.1
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

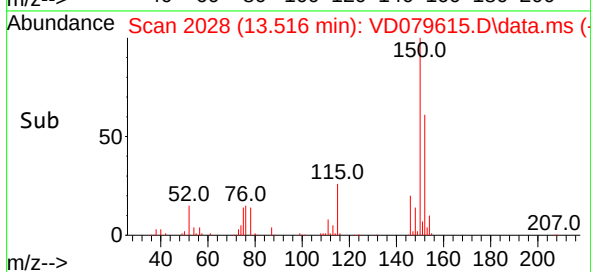
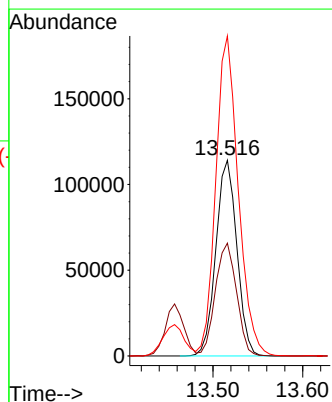
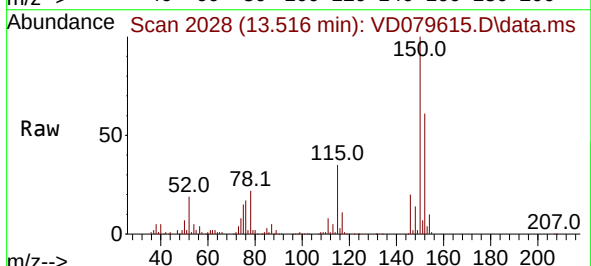
RT: 13.516 min Scan# 2028

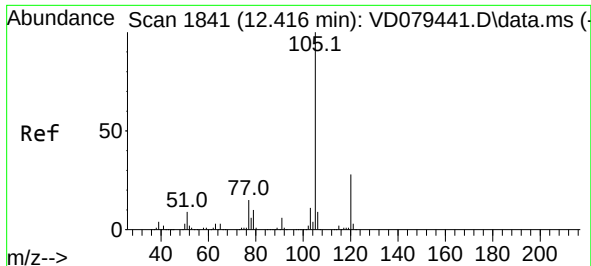
Delta R.T. 0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Tgt Ion:152	Resp:	185484
Ion Ratio	Lower	Upper
152	100	
115	58.3	26.5 79.5
150	174.9	0.0 341.6

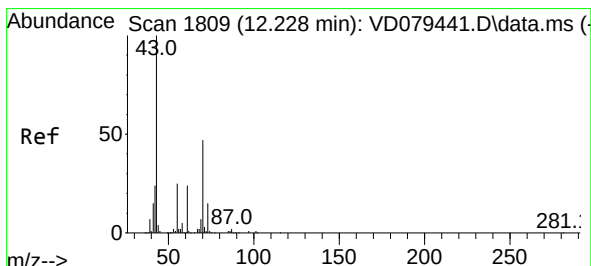
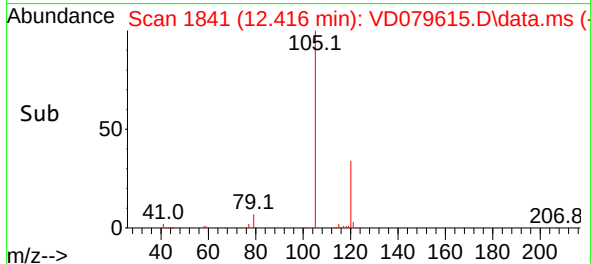
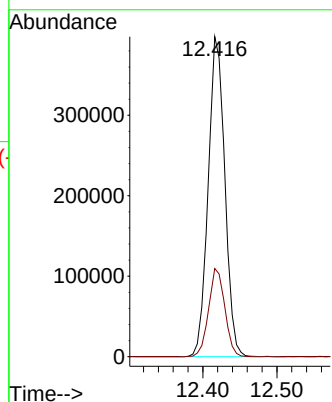
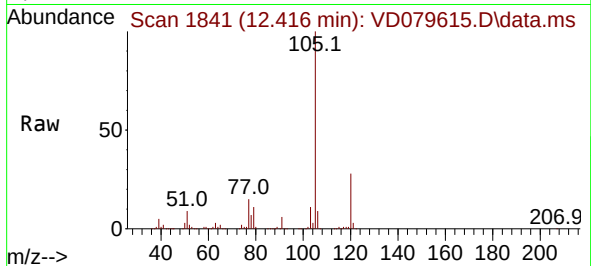




#73
Isopropylbenzene
Concen: 45.081 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

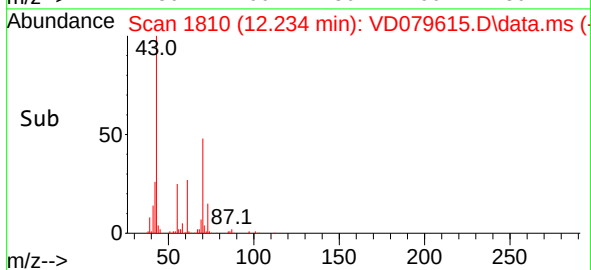
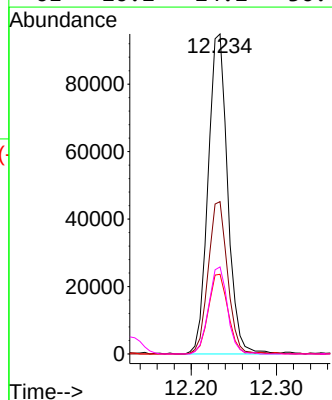
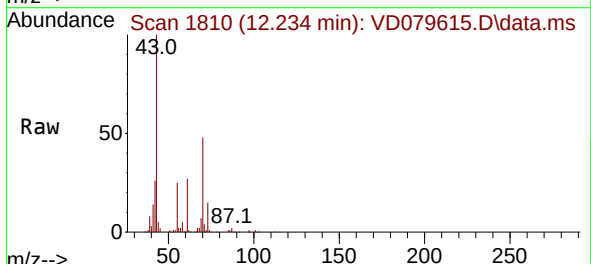
Instrument :
MSVOA_D
ClientSampleId :

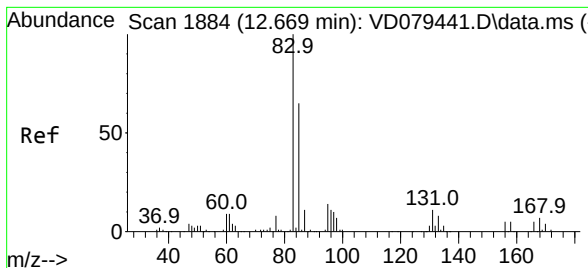
Tgt Ion:105 Resp: 620925
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7



#74
N-ethyl acetate
Concen: 55.374 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 43 Resp: 151069
Ion Ratio Lower Upper
43 100
70 47.4 44.3 66.5
55 25.3 23.2 34.8
61 26.2 24.2 36.4

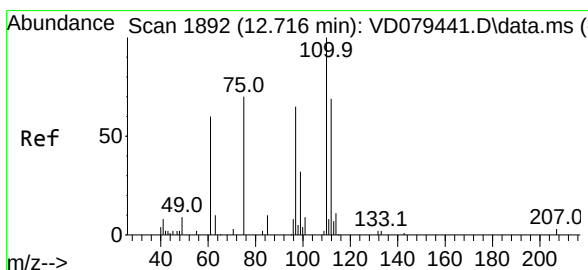
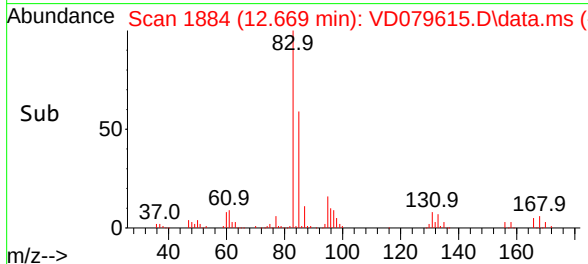
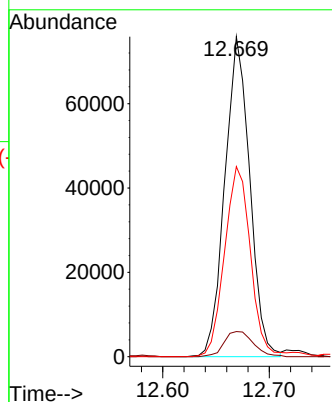
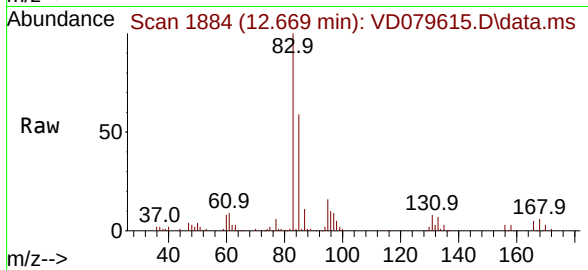




#75
1,1,2,2-Tetrachloroethane
Concen: 51.087 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

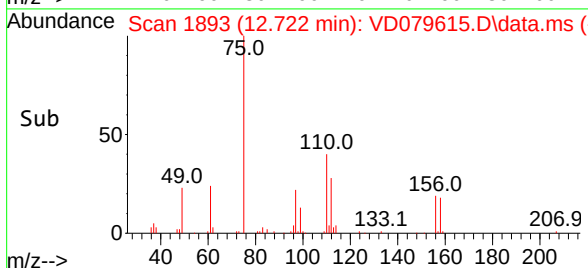
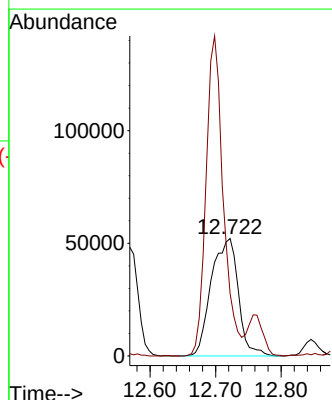
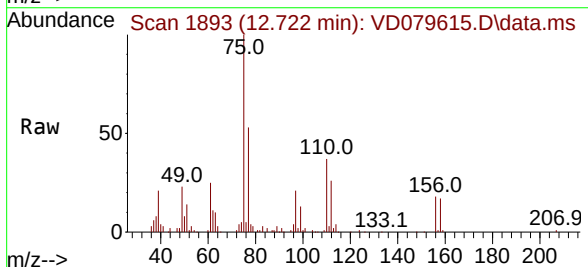
Instrument :
MSVOA_D
ClientSampleId :

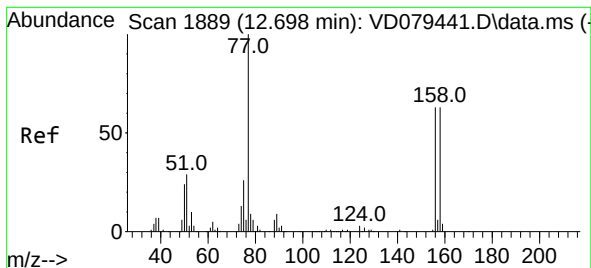
Tgt Ion: 83 Resp: 123101
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.5
85 62.7 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 91.896 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 75 Resp: 148993
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.067 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

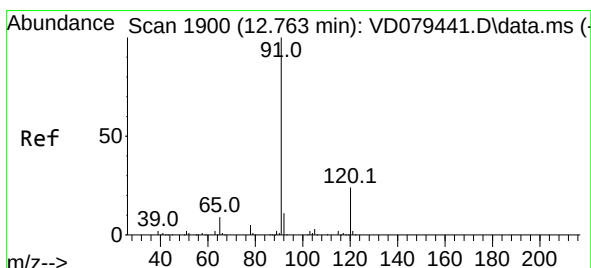
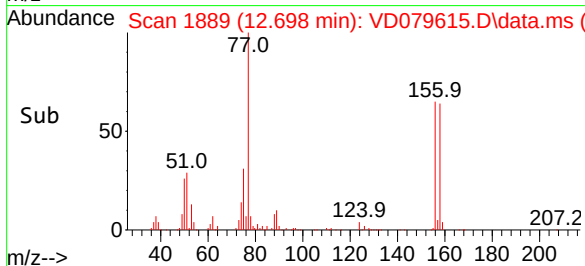
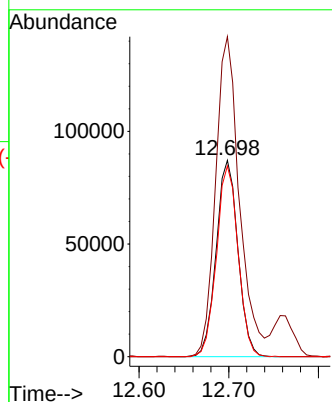
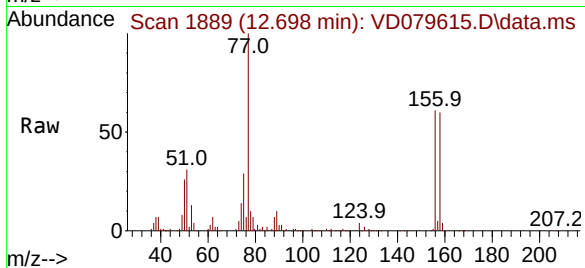
Tgt Ion:156 Resp: 146385

Ion Ratio Lower Upper

156 100

77 178.3 77.3 231.9

158 96.4 49.6 149.0



#78

n-propylbenzene

Concen: 49.404 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079615.D

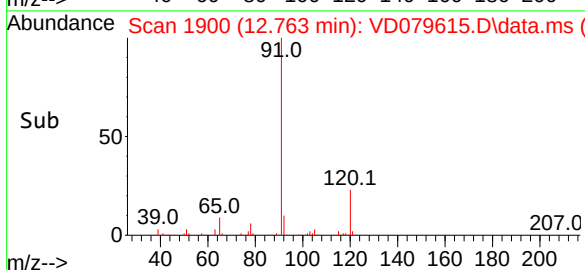
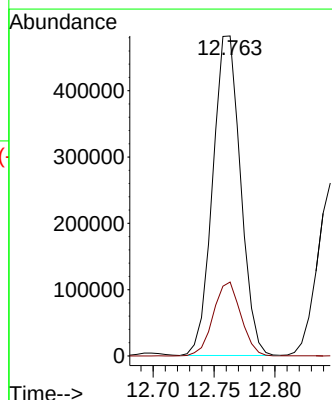
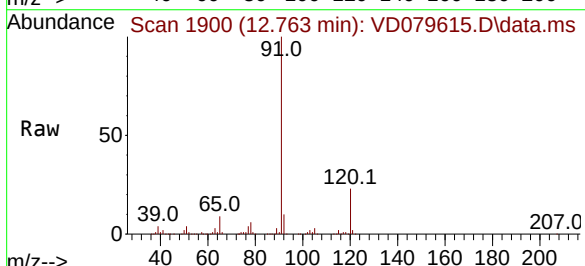
Acq: 06 Aug 2024 11:32

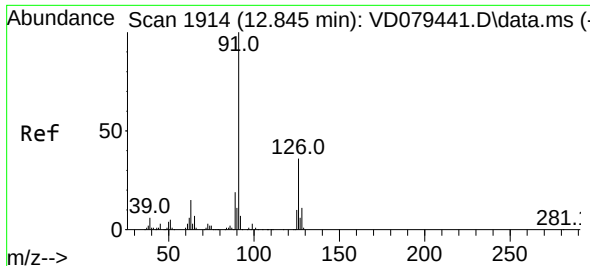
Tgt Ion: 91 Resp: 765997

Ion Ratio Lower Upper

91 100

120 23.0 12.3 36.8

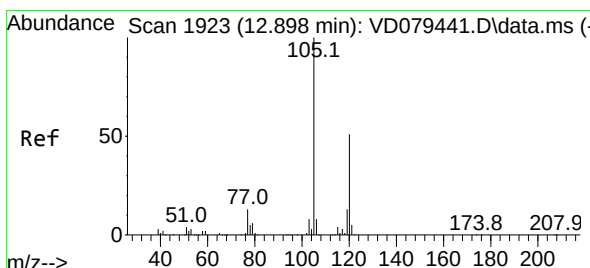
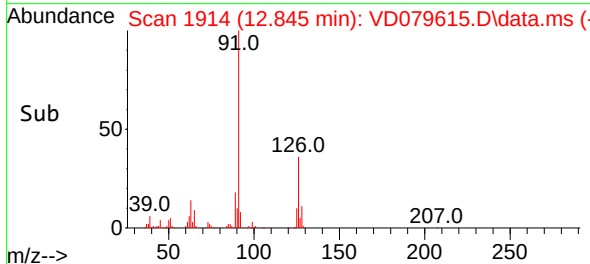
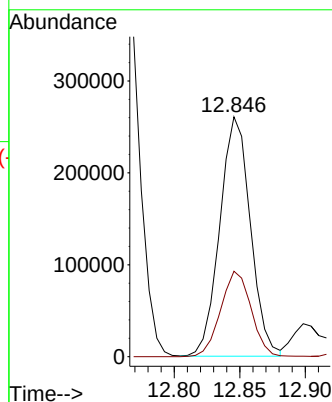
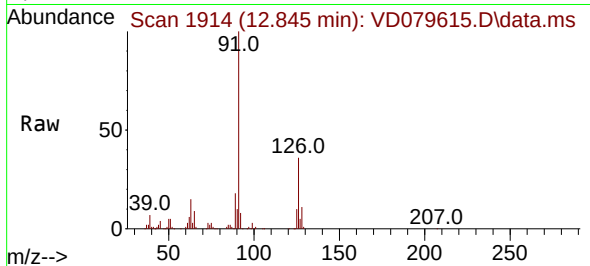




#79
2-Chlorotoluene
Concen: 49.080 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

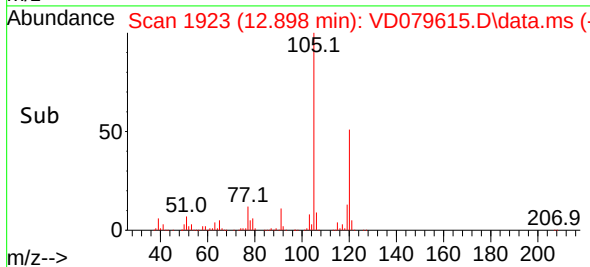
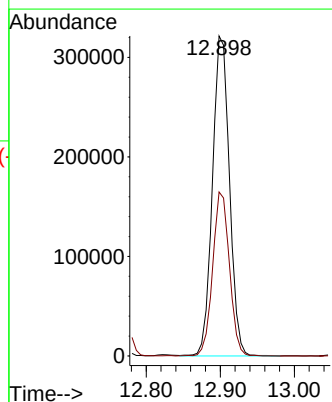
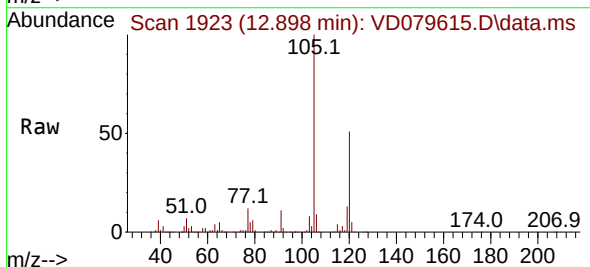
Instrument :
MSVOA_D
ClientSampleId :

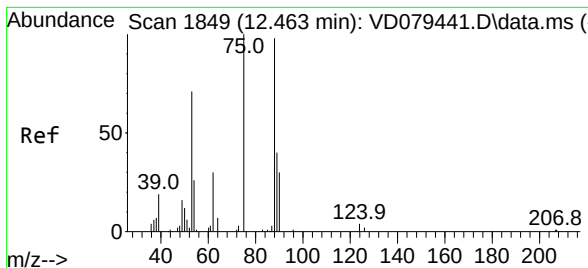
Tgt Ion: 91 Resp: 423722
Ion Ratio Lower Upper
91 100
126 35.5 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 49.528 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 105 Resp: 511740
Ion Ratio Lower Upper
105 100
120 50.5 25.7 77.1

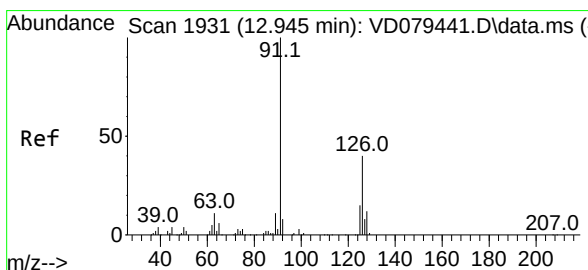
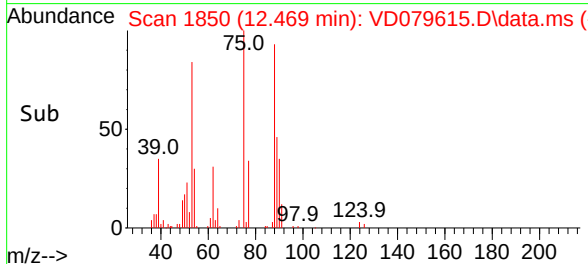
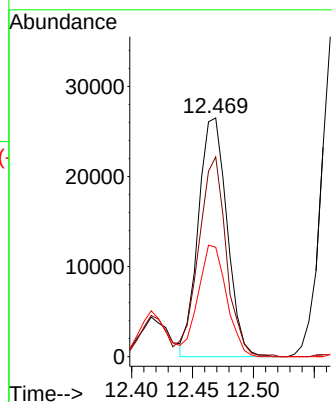
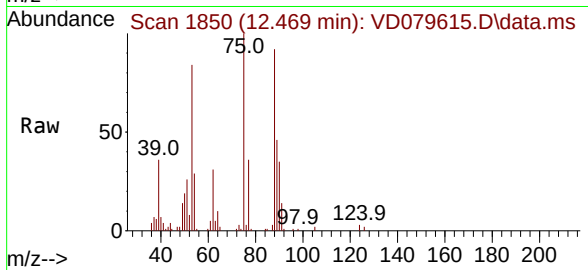




#81
trans-1,4-Dichloro-2-butene
Concen: 51.188 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

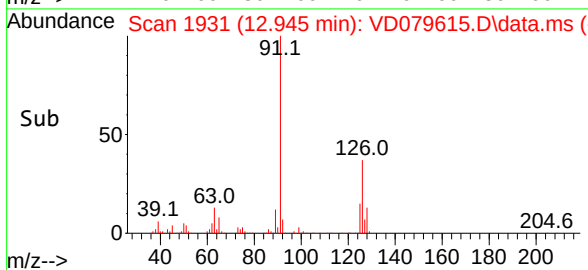
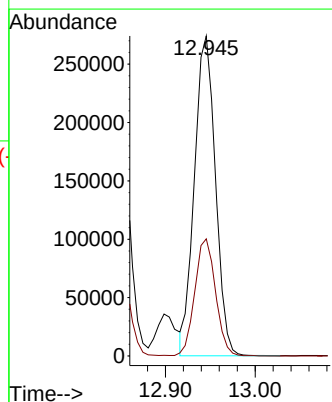
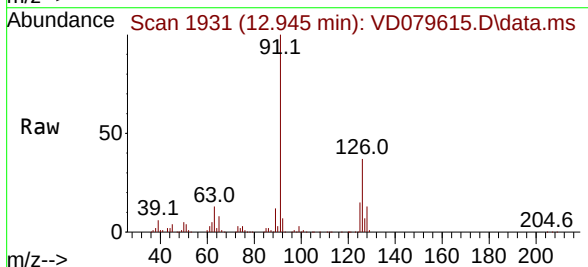
Instrument :
MSVOA_D
ClientSampleId :

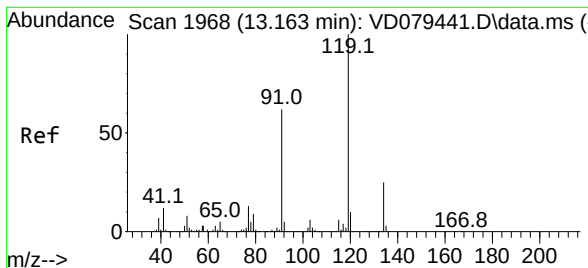
Tgt Ion: 75 Resp: 43513
Ion Ratio Lower Upper
75 100
53 81.2 61.4 92.2
89 46.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.515 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079615.D
Acq: 06 Aug 2024 11:32

Tgt Ion: 91 Resp: 445632
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.9

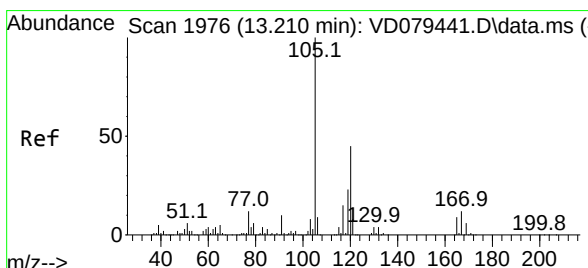
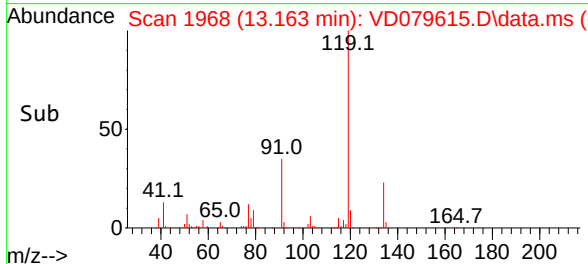
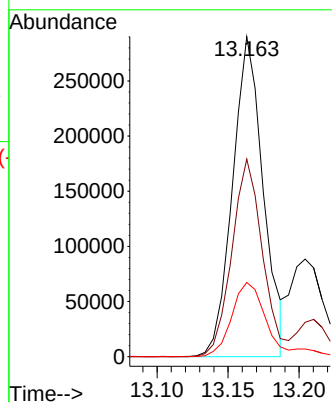
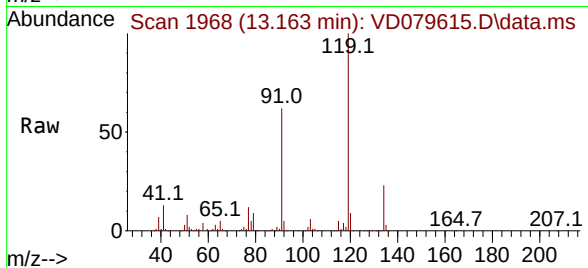




#83
 tert-Butylbenzene
 Concen: 44.091 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

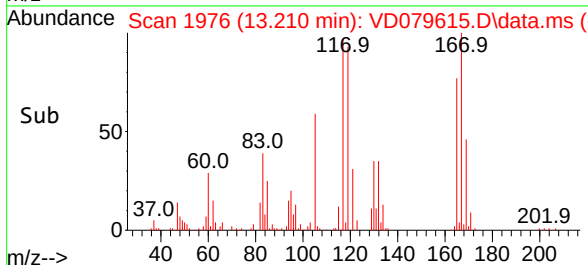
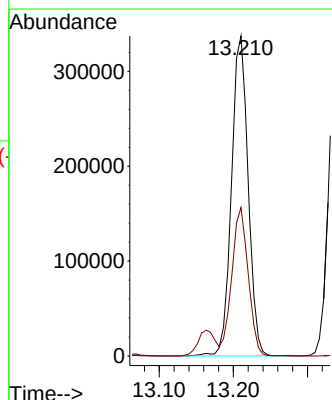
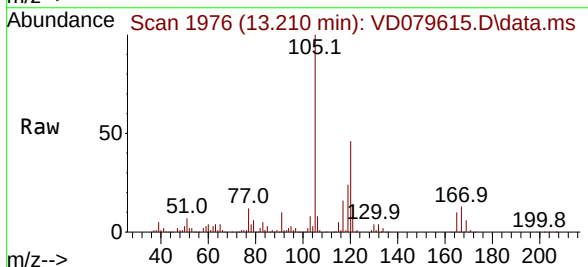
Instrument :
 MSVOA_D
 ClientSampleId :

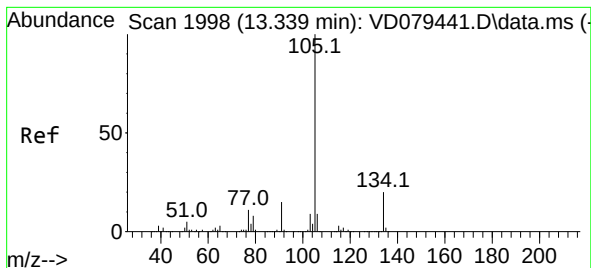
Tgt Ion:119 Resp: 436644
 Ion Ratio Lower Upper
 119 100
 91 62.0 28.2 84.7
 134 27.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 45.533 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

Tgt Ion:105 Resp: 525482
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.6 71.0





#85

sec-Butylbenzene

Concen: 48.032 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

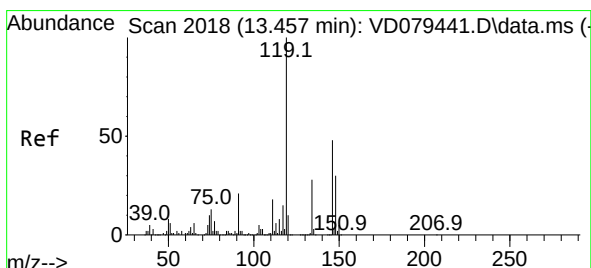
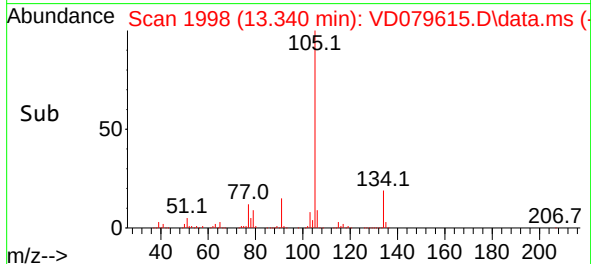
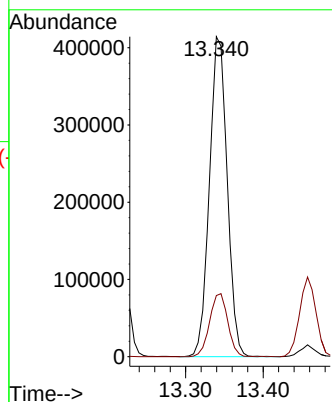
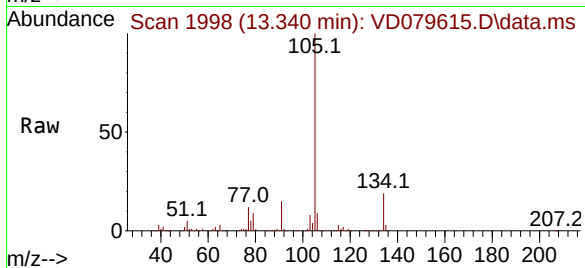
ClientSampleId :

Tgt Ion:105 Resp: 660091

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 43.790 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

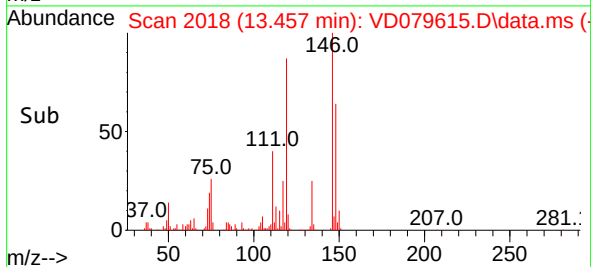
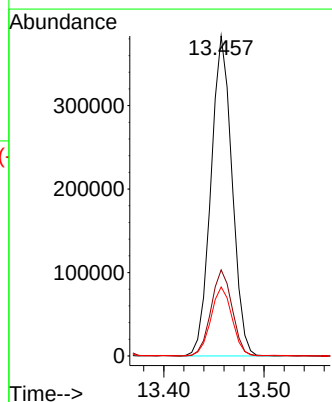
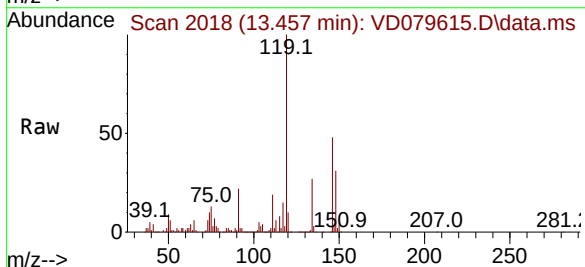
Tgt Ion:119 Resp: 562681

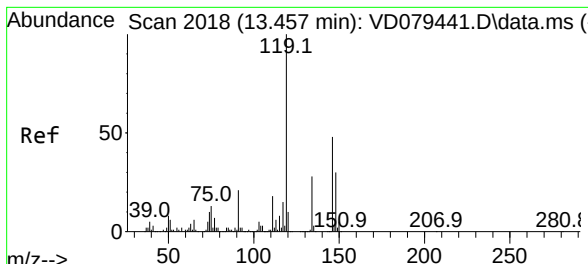
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 21.5 10.7 32.1

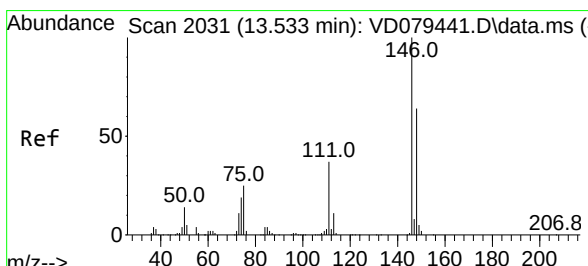
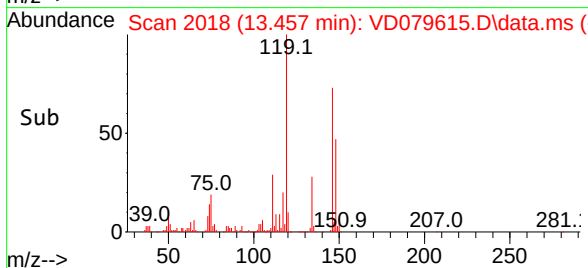
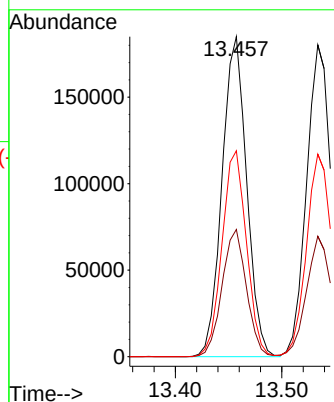
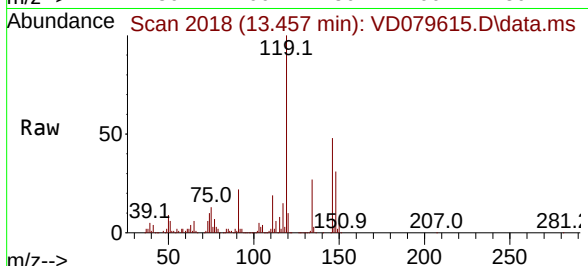




#87
 1,3-Dichlorobenzene
 Concen: 46.096 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

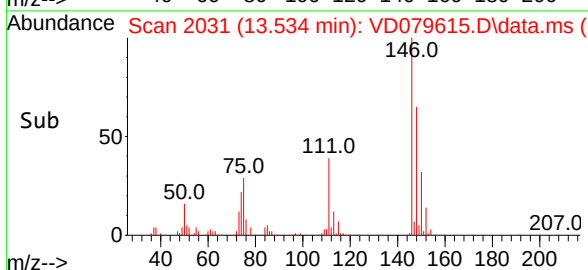
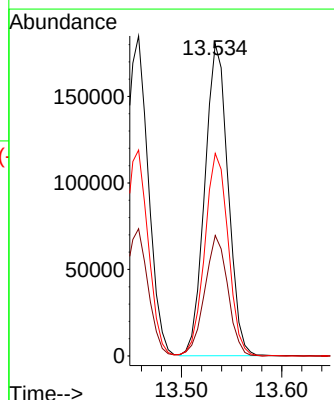
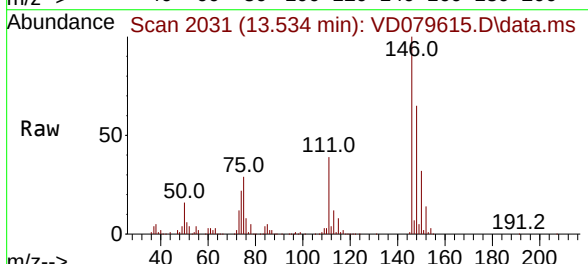
Instrument :
 MSVOA_D
 ClientSampleId :

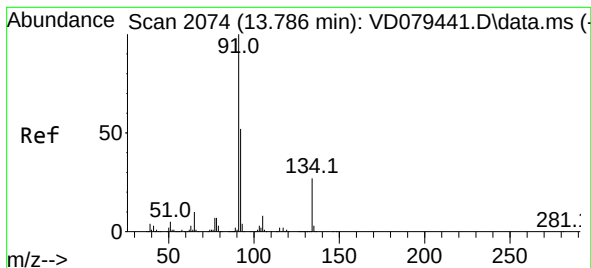
Tgt Ion:146 Resp: 296972
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.5 55.5
 148 63.8 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 46.002 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079615.D
 Acq: 06 Aug 2024 11:32

Tgt Ion:146 Resp: 291367
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.5 52.6
 148 65.3 31.4 94.2





#89

n-Butylbenzene

Concen: 44.609 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

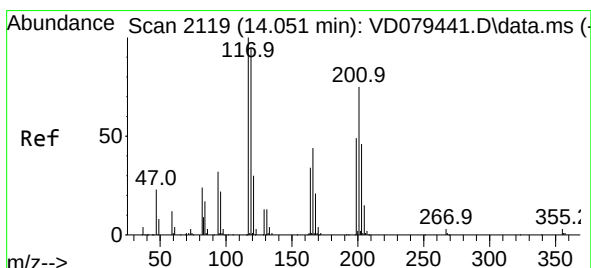
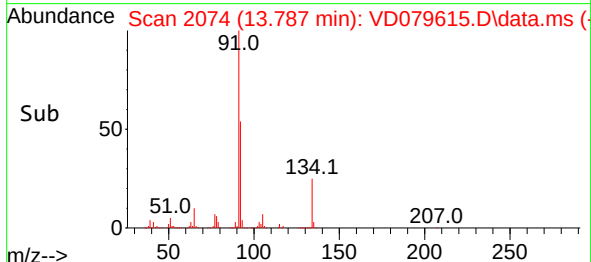
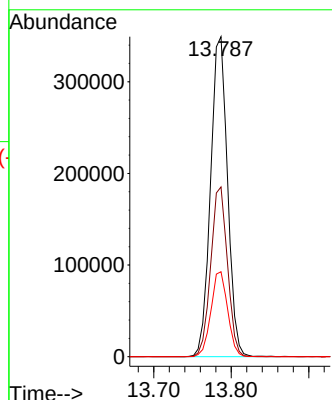
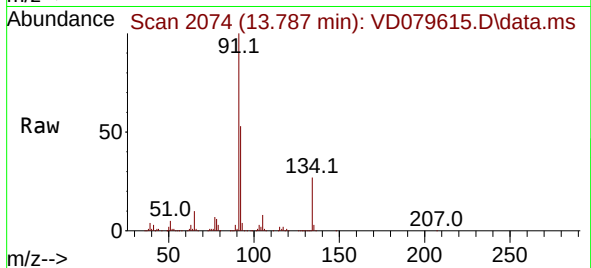
Tgt Ion: 91 Resp: 530390

Ion Ratio Lower Upper

91 100

92 52.2 25.7 77.0

134 26.2 13.6 40.8



#90

Hexachloroethane

Concen: 46.206 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079615.D

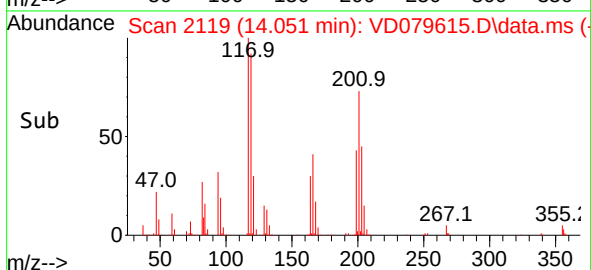
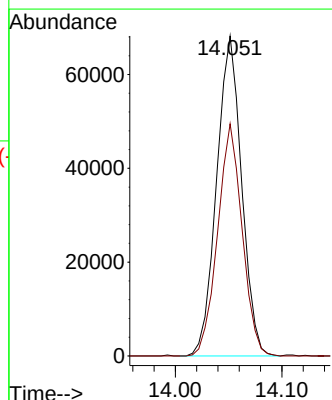
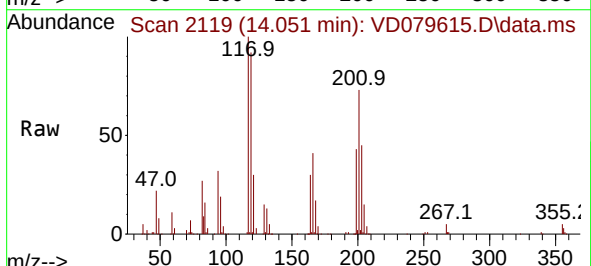
Acq: 06 Aug 2024 11:32

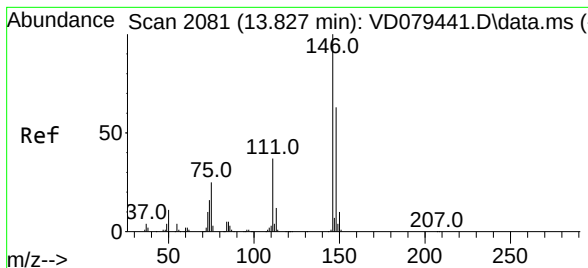
Tgt Ion: 117 Resp: 111066

Ion Ratio Lower Upper

117 100

201 71.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 47.447 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

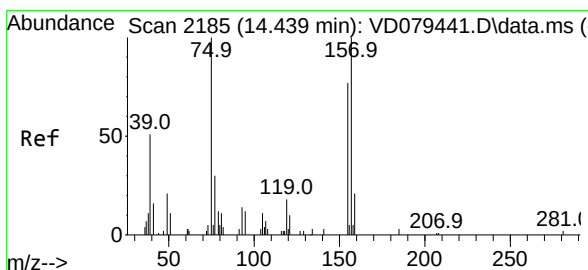
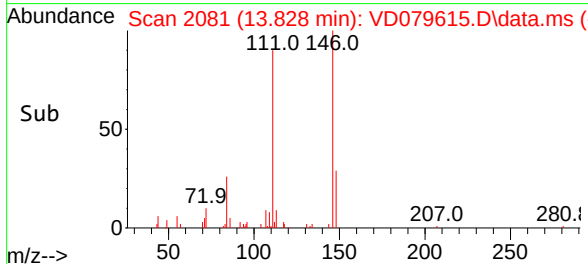
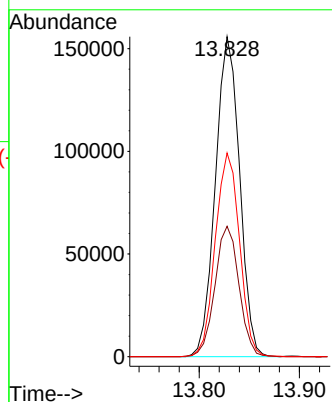
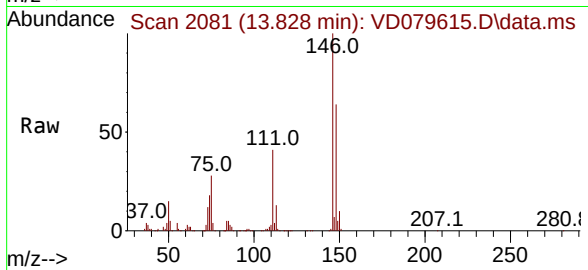
Tgt Ion:146 Resp: 261245

Ion Ratio Lower Upper

146 100

111 40.6 19.1 57.1

148 63.7 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.902 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

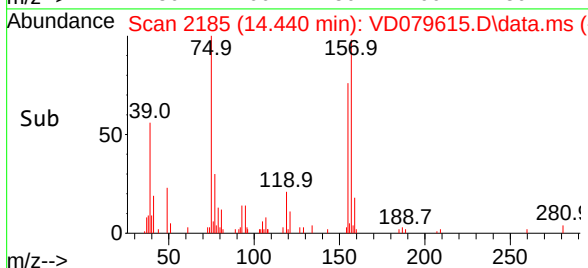
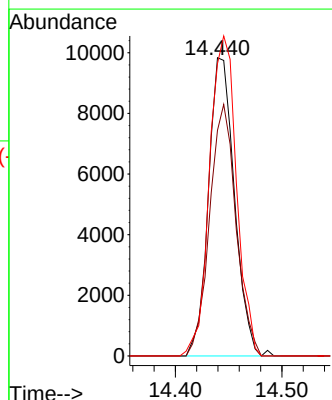
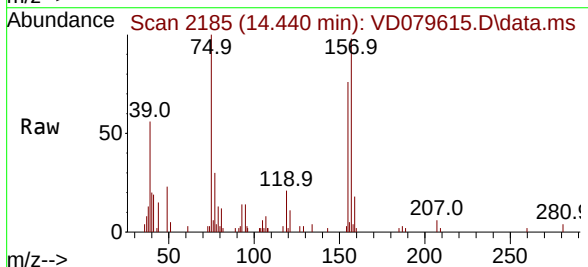
Tgt Ion: 75 Resp: 16641

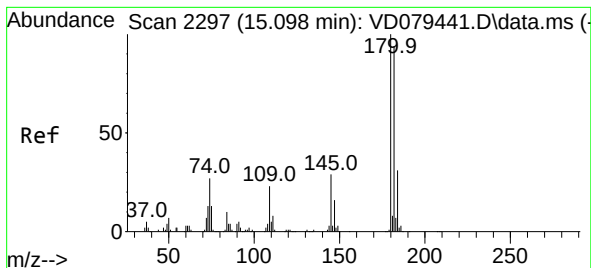
Ion Ratio Lower Upper

75 100

155 85.5 47.7 143.1

157 111.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 46.494 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

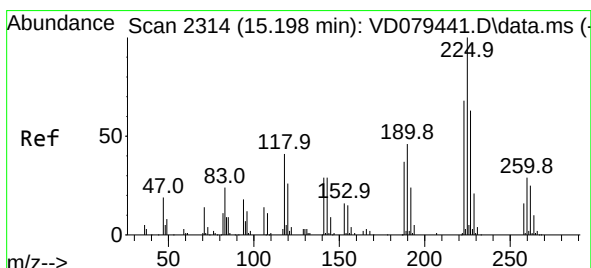
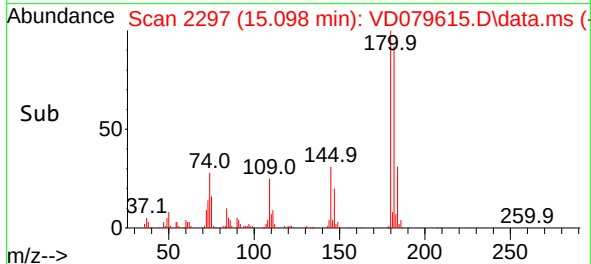
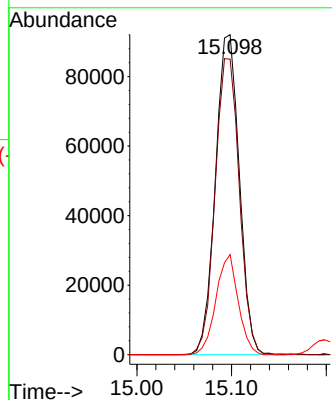
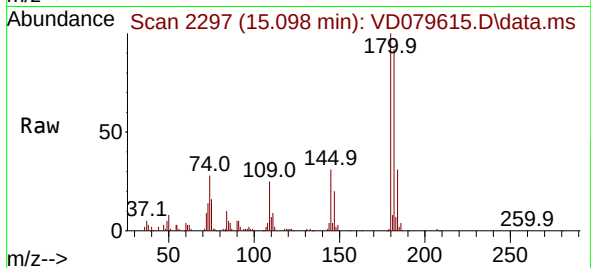
Tgt Ion:180 Resp: 161292

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.7

145 29.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 42.503 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

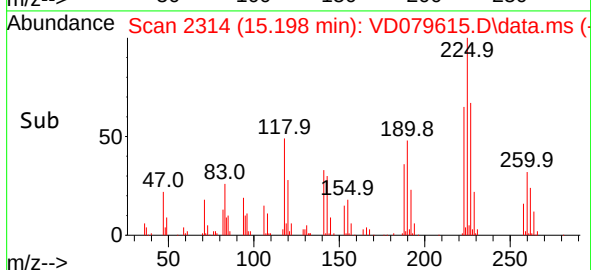
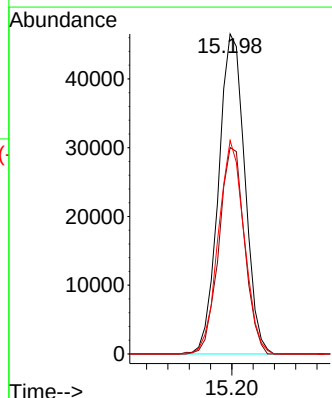
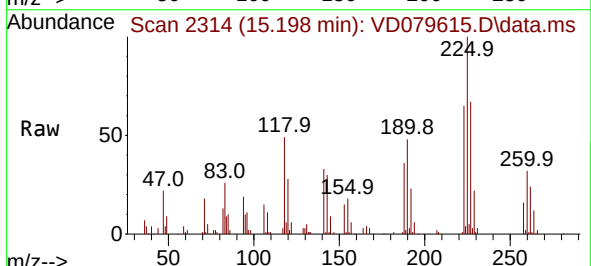
Tgt Ion:225 Resp: 79579

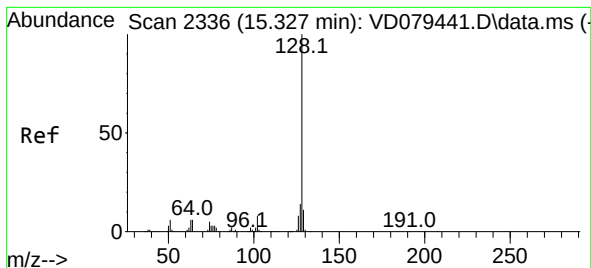
Ion Ratio Lower Upper

225 100

223 63.0 33.3 99.9

227 65.5 33.6 100.6





#95

Naphthalene

Concen: 51.679 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

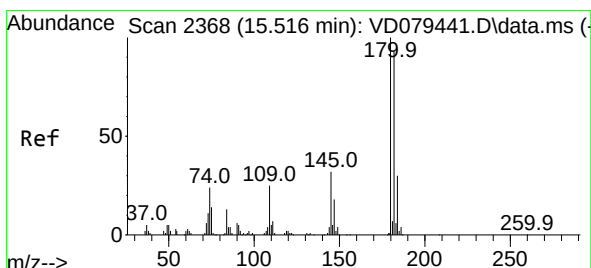
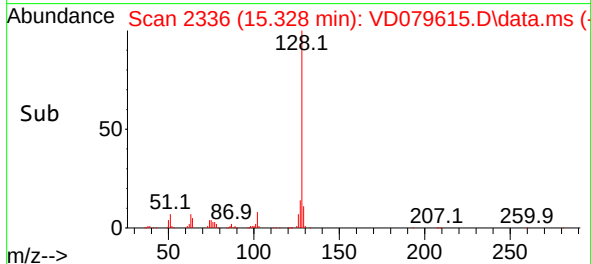
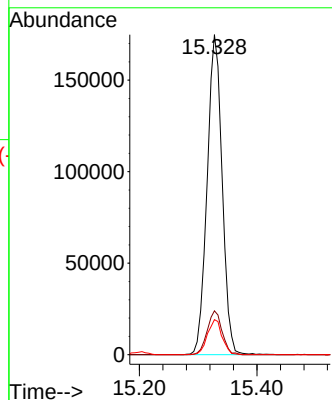
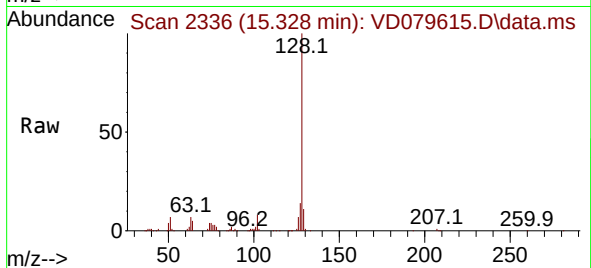
Tgt Ion:128 Resp: 310296

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 46.217 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079615.D

Acq: 06 Aug 2024 11:32

Tgt Ion:180 Resp: 141035

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 30.9 16.1 48.2

