

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077154.D
 Acq On : 19 Sep 2023 18:52
 Operator : JC/SY
 Sample : 04436-01RE
 Misc : 5.97G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 20 02:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130828	50.000	ug/l	0.00

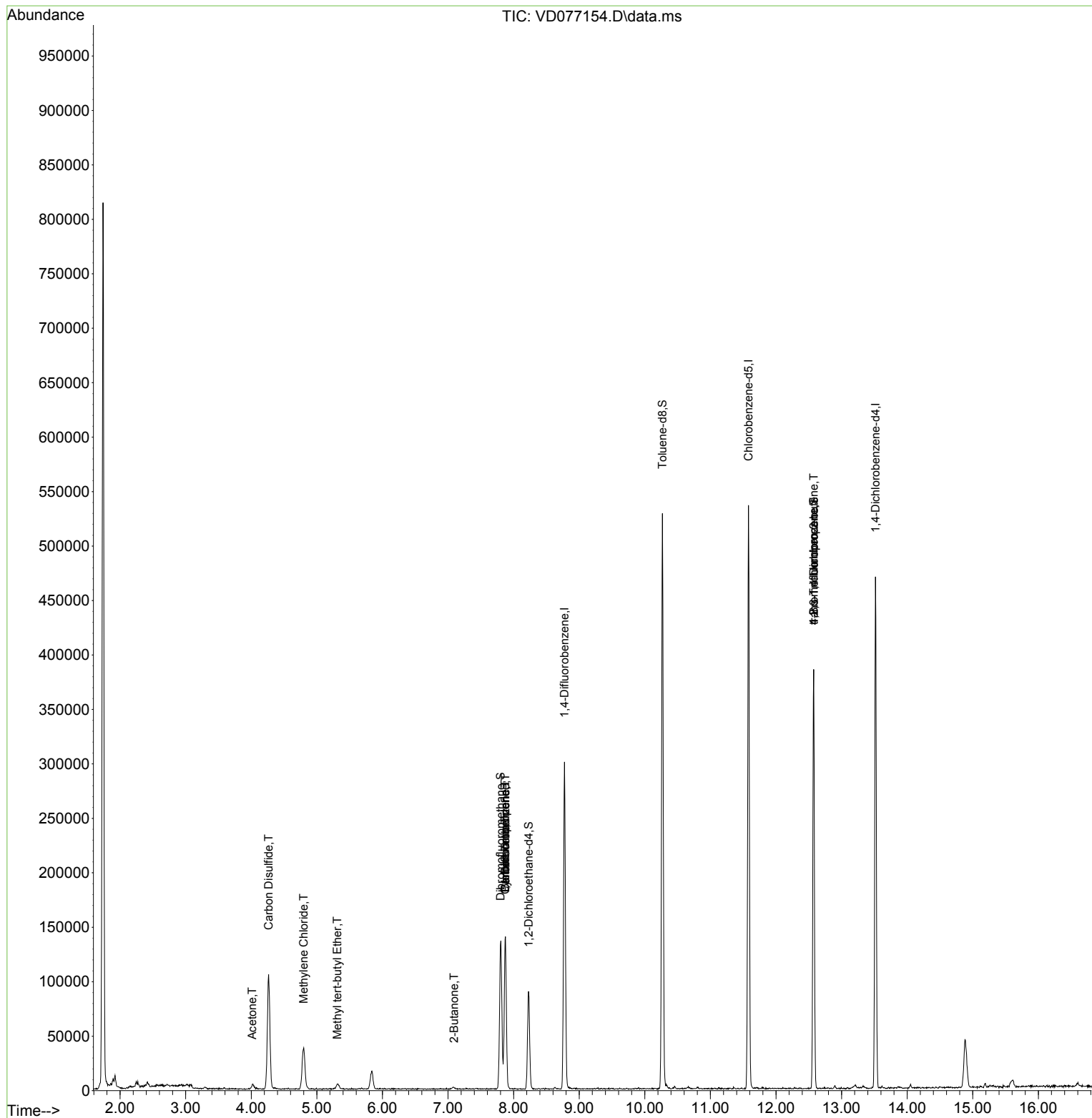
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68809	61.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.560%
35) Dibromofluoromethane	7.799	113	100793	53.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.269	98	368629	54.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.575	95	115702	55.504	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.000%

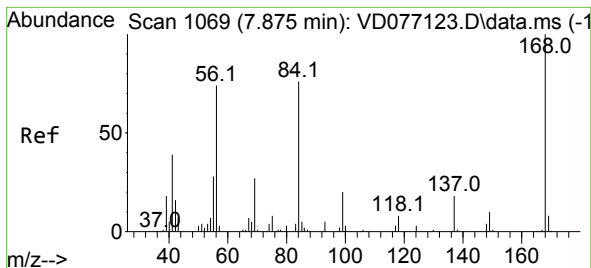
Target Compounds						Qvalue
16) Acetone	4.017	43	6819	26.573	ug/l #	72
17) Carbon Disulfide	4.264	76	220559	51.768	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	7203	2.572	ug/l	93
20) Methylene Chloride	4.799	84	30853	14.043	ug/l #	87
25) 2-Butanone	7.093	43	1903	5.637	ug/l	98
31) Cyclohexane	7.869	56	2261	1.151	ug/l #	43
36) 1,1-Dichloropropene	7.869	75	8411	2.956	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11164	3.992	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	59234	56.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59234	107.436	ug/l #	17

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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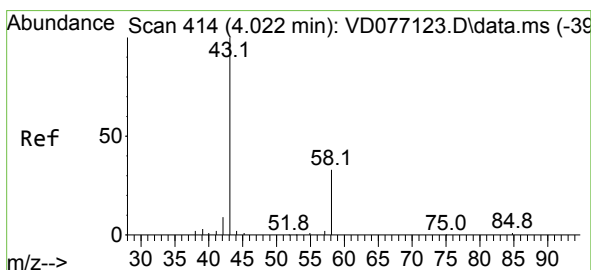
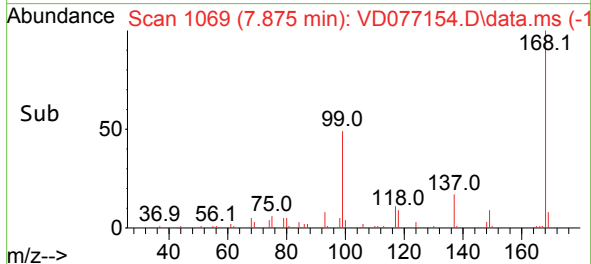
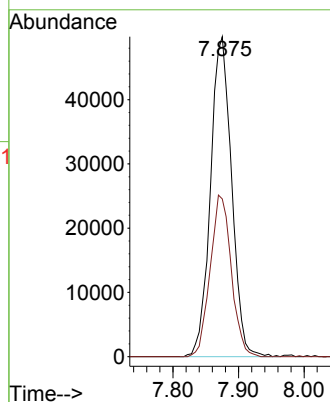
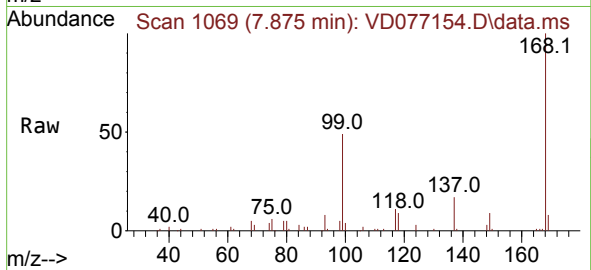
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
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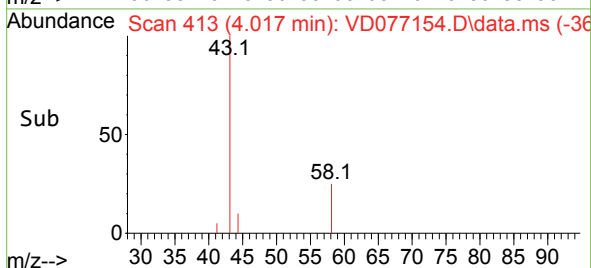
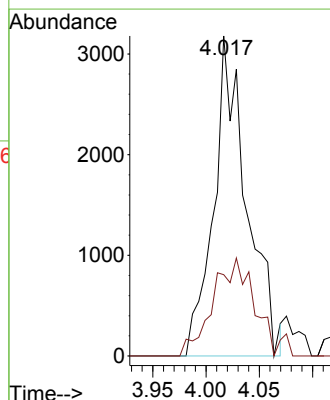
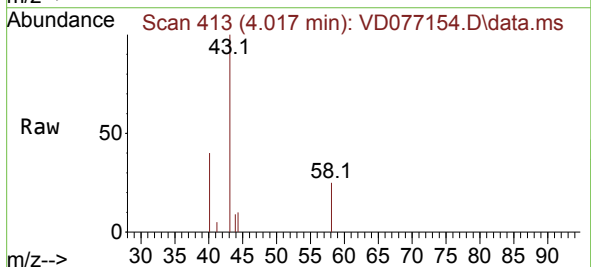
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

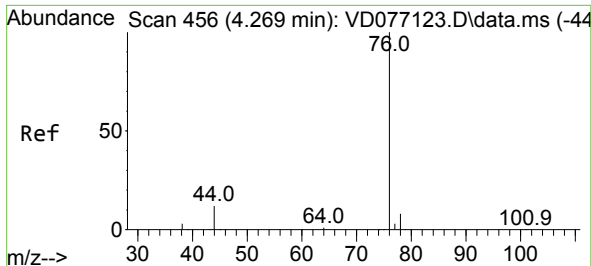
Tgt Ion:168 Resp: 111254
Ion Ratio Lower Upper
168 100
99 49.3 36.7 55.1



#16
Acetone
Concen: 26.573 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

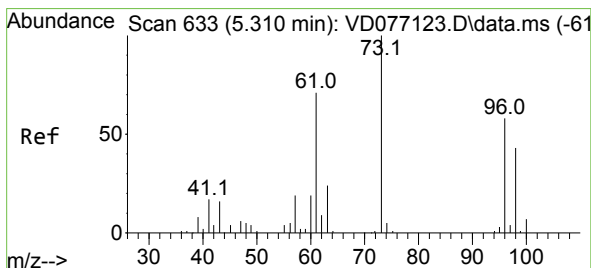
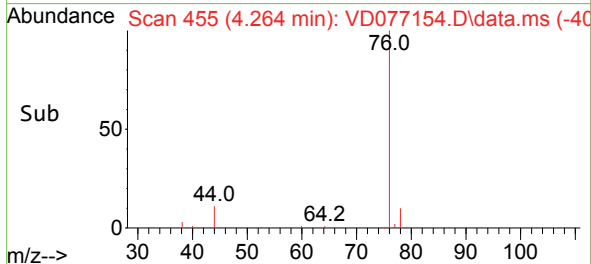
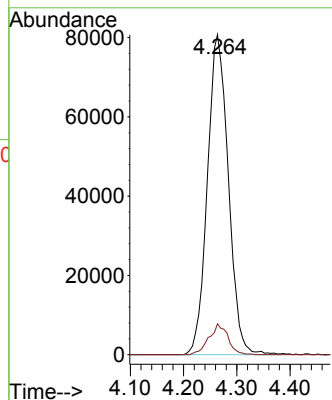
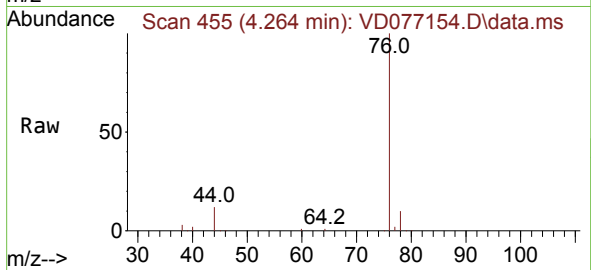
Tgt Ion: 43 Resp: 6819
Ion Ratio Lower Upper
43 100
58 25.4 34.7 52.1#





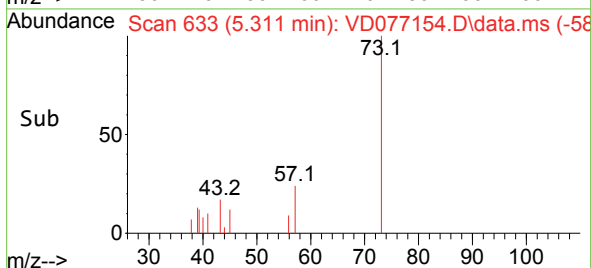
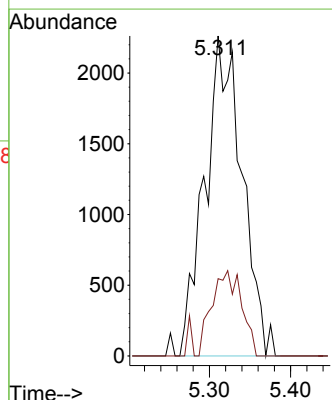
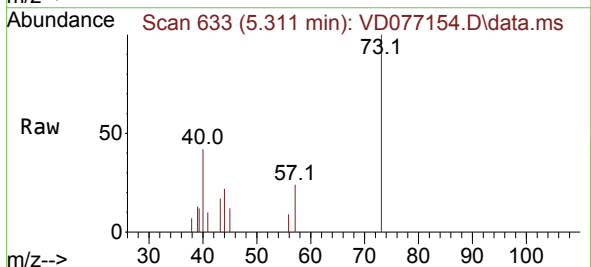
#17
Carbon Disulfide
Concen: 51.768 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

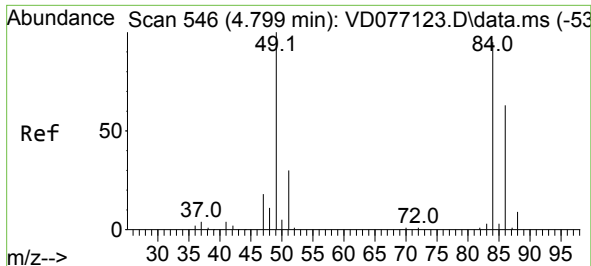
Tgt Ion: 76 Resp: 220559
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#19
Methyl tert-butyl Ether
Concen: 2.572 ug/l
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

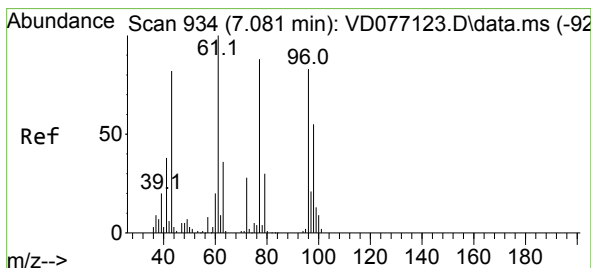
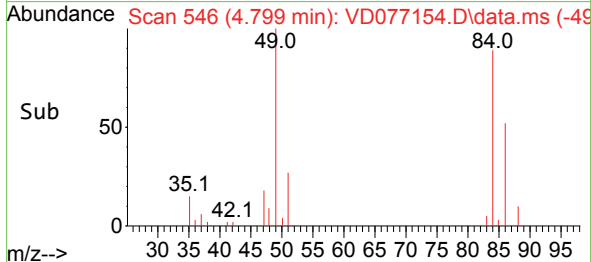
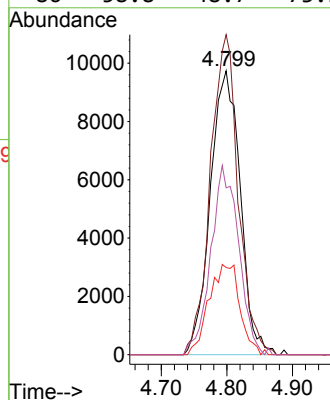
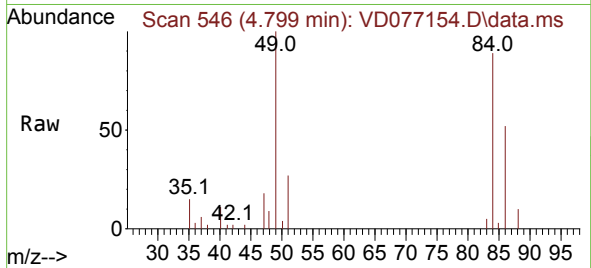
Tgt Ion: 73 Resp: 7203
Ion Ratio Lower Upper
73 100
57 24.1 16.6 25.0





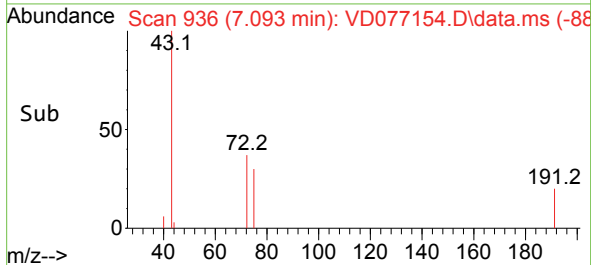
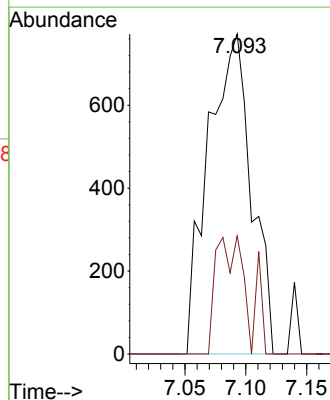
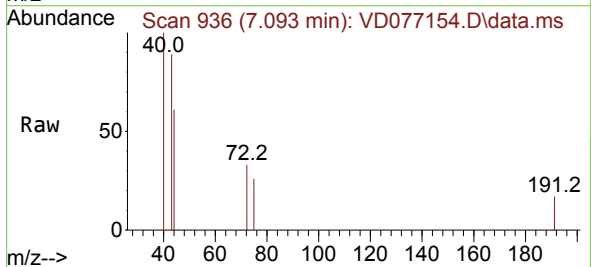
#20
Methylene Chloride
Concen: 14.043 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

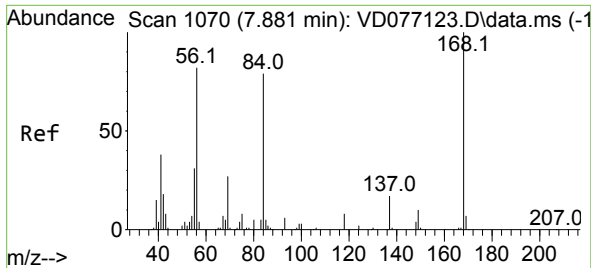
Tgt Ion:	84	Resp:	30853
Ion	Ratio	Lower	Upper
84	100		
49	112.7	71.4	107.2#
51	30.7	24.5	36.7
86	58.8	48.7	73.1



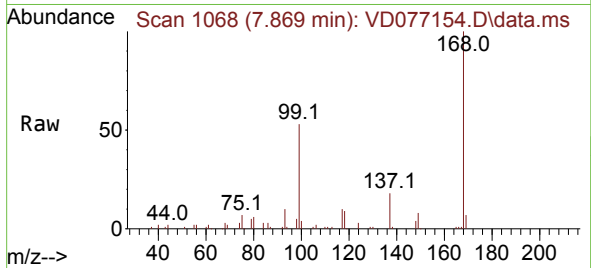
#25
2-Butanone
Concen: 5.637 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion:	43	Resp:	1903
Ion	Ratio	Lower	Upper
43	100		
72	36.9	30.7	46.1

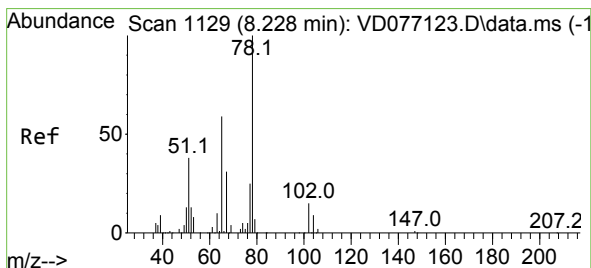
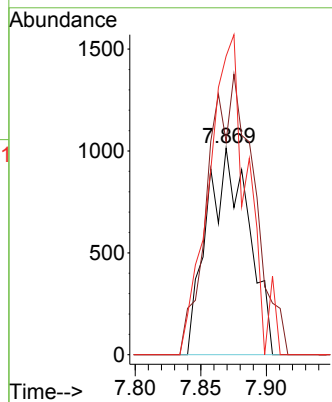
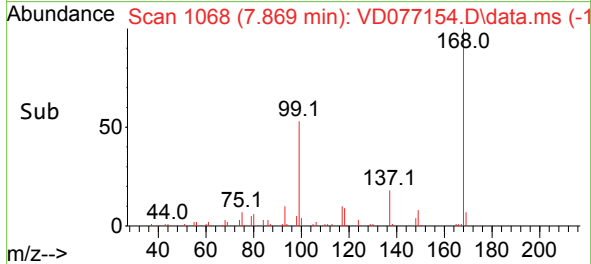




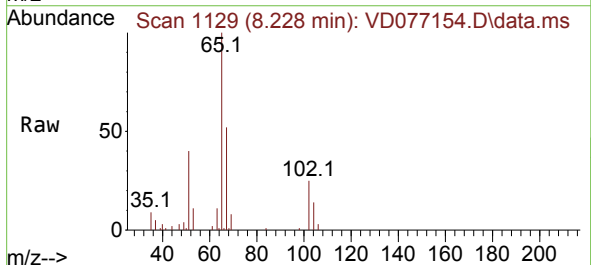
#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52



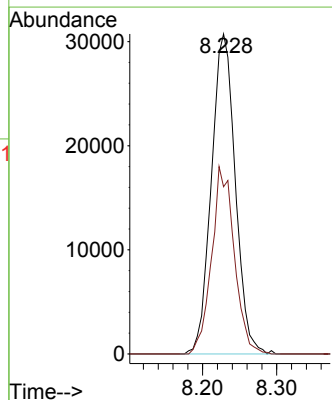
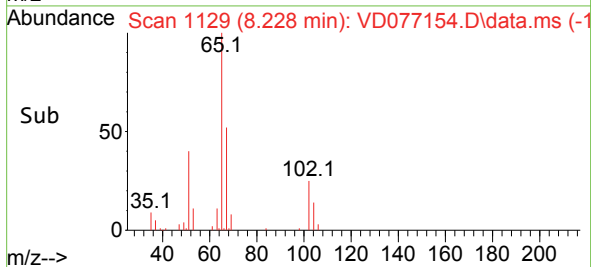
Tgt Ion: 56 Resp: 2261
Ion Ratio Lower Upper
56 100
69 103.2 28.6 43.0#
84 144.6 84.8 127.2#

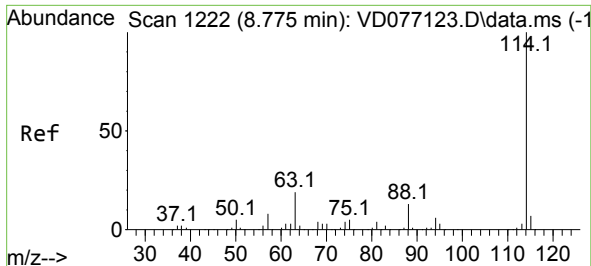


#33
1,2-Dichloroethane-d4
Concen: 61.284 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52



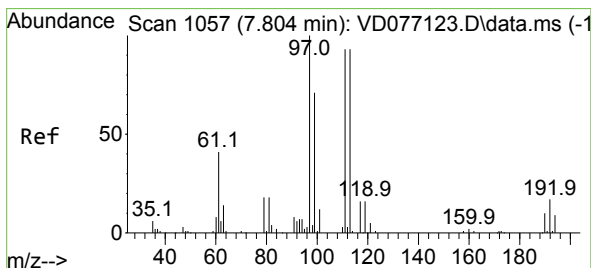
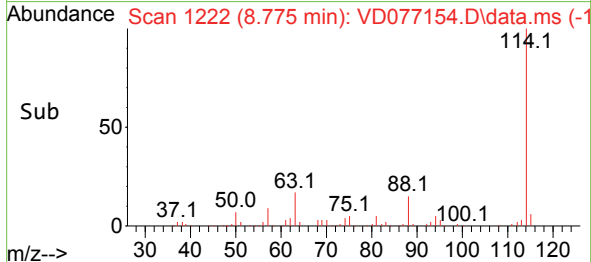
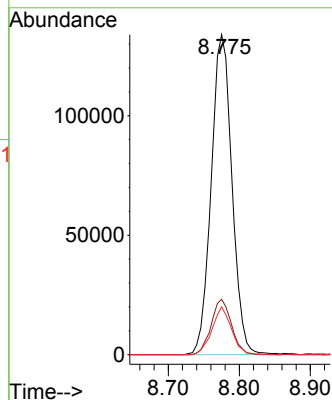
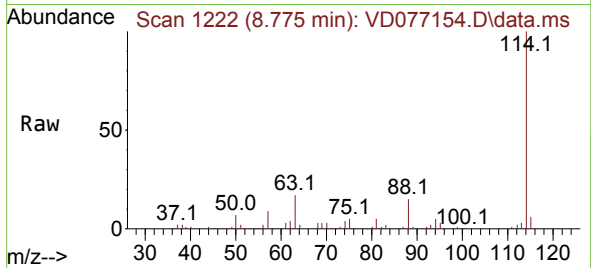
Tgt Ion: 65 Resp: 68809
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0





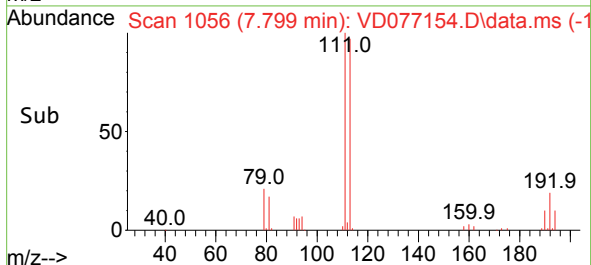
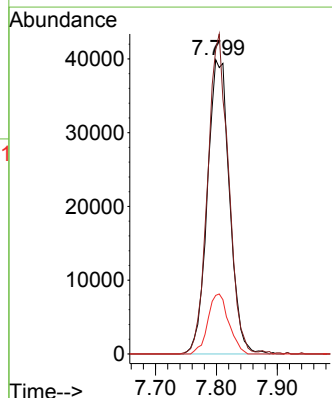
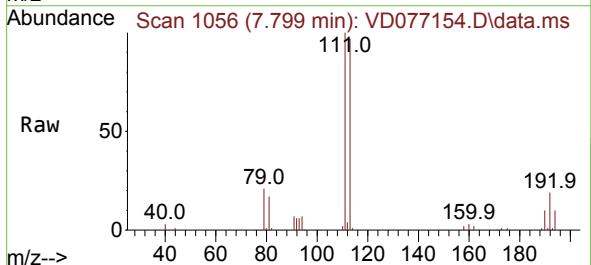
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

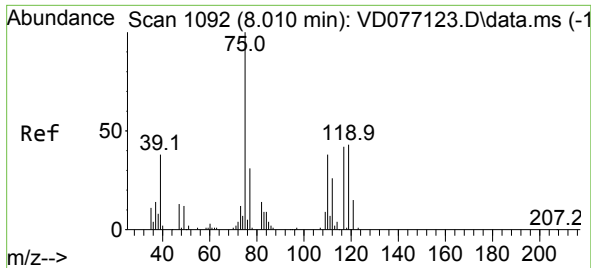
Tgt Ion:114 Resp: 272032
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 14.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.343 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

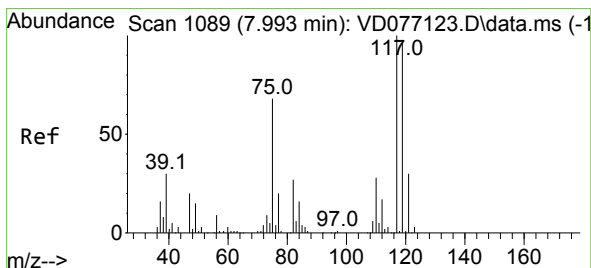
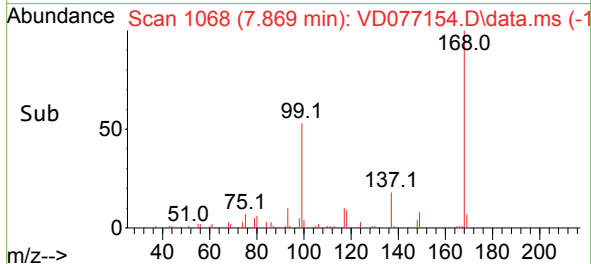
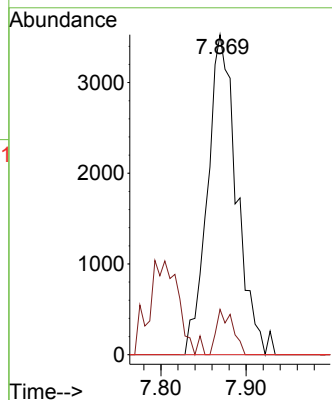
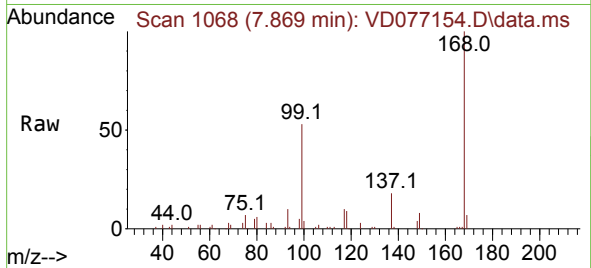
Tgt Ion:113 Resp: 100793
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 19.2 16.8 25.2





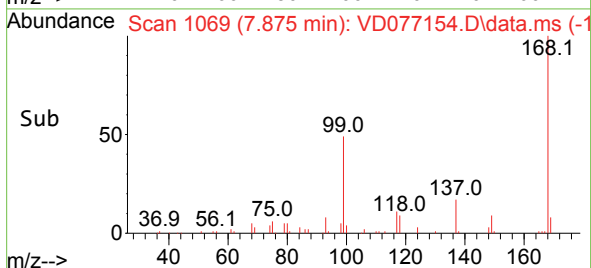
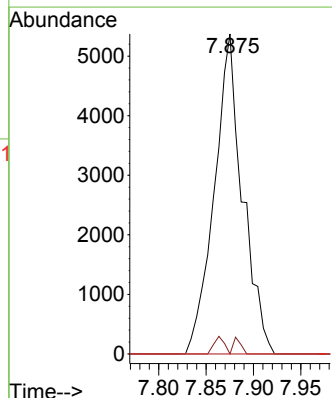
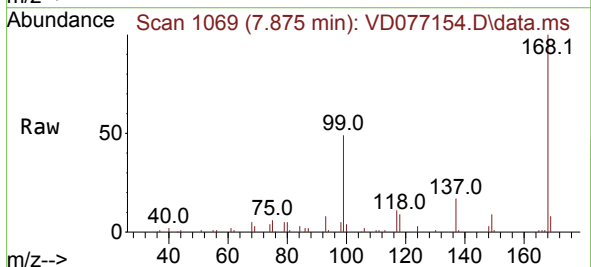
#36
1,1-Dichloropropene
Concen: 2.956 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

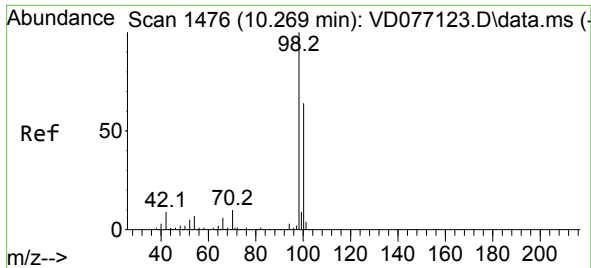
Tgt Ion: 75 Resp: 8411
Ion Ratio Lower Upper
75 100
110 7.9 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 3.992 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

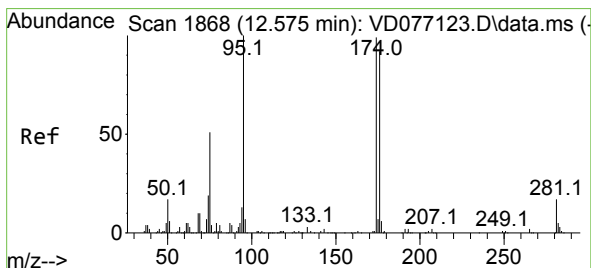
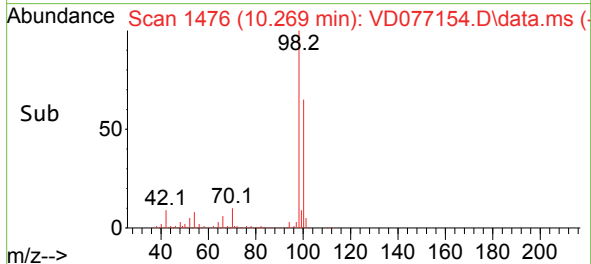
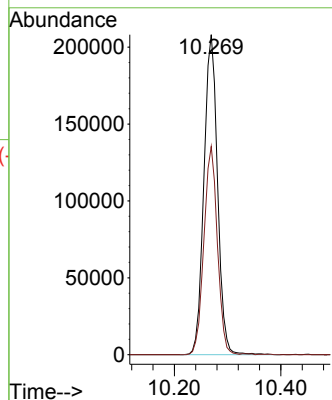
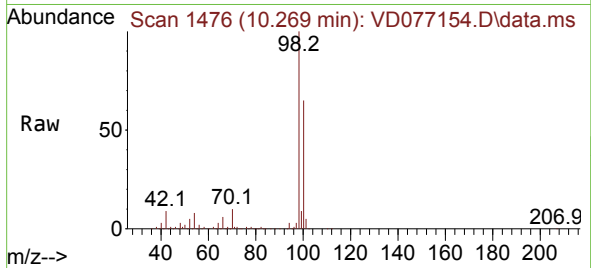
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Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#





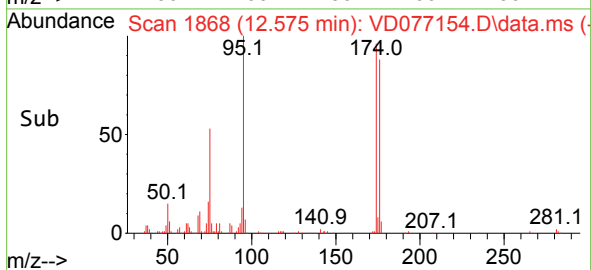
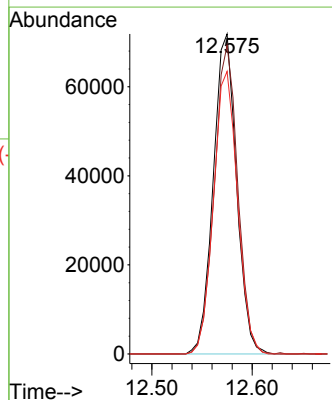
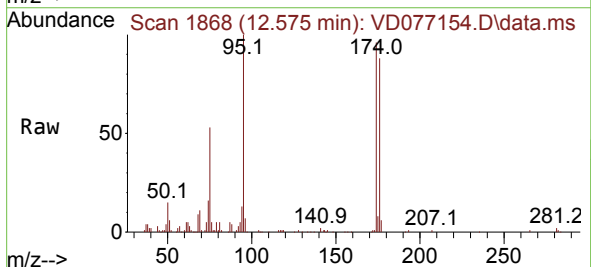
#50
Toluene-d8
Concen: 54.810 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

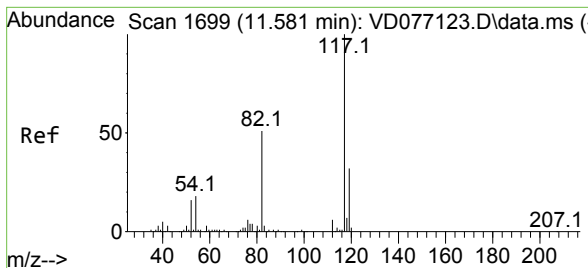
Tgt Ion: 98 Resp: 368629
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.504 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

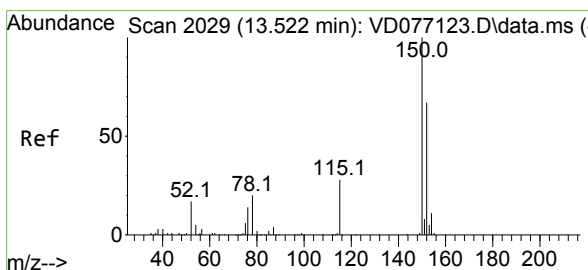
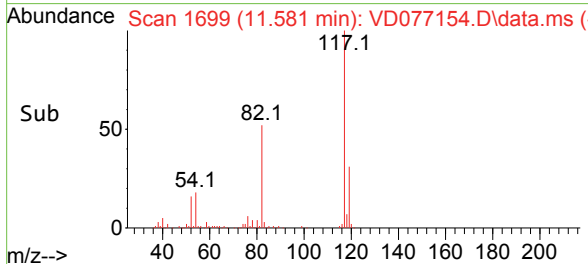
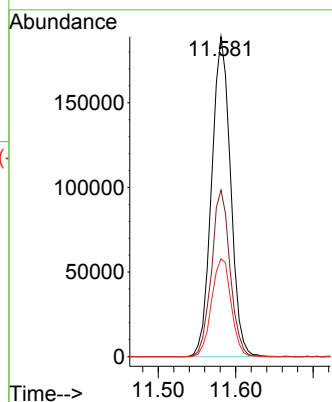
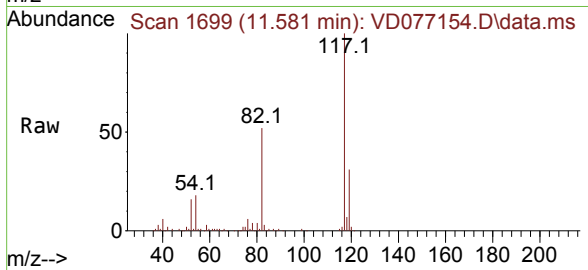
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Ion Ratio Lower Upper
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174 97.3 0.0 201.8
176 91.2 0.0 191.8





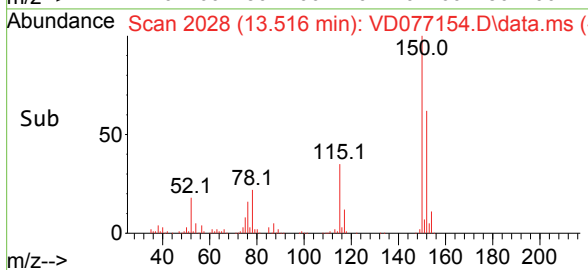
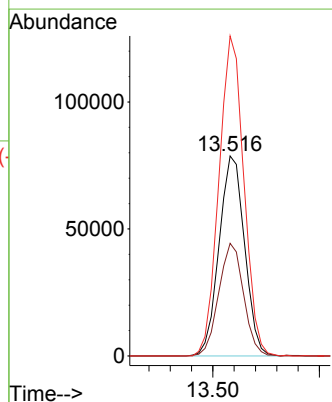
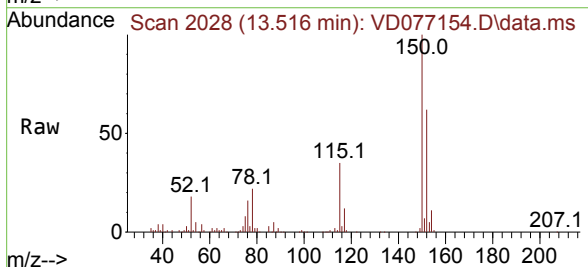
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

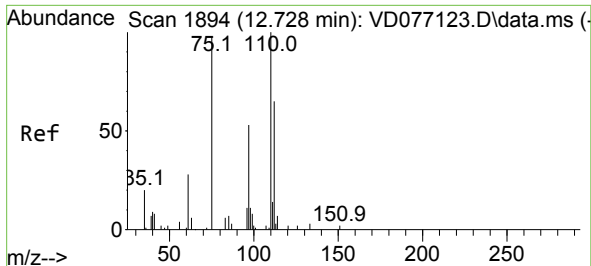
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	38.3	57.5
119	30.6	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

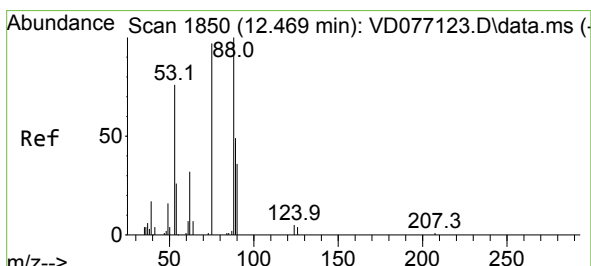
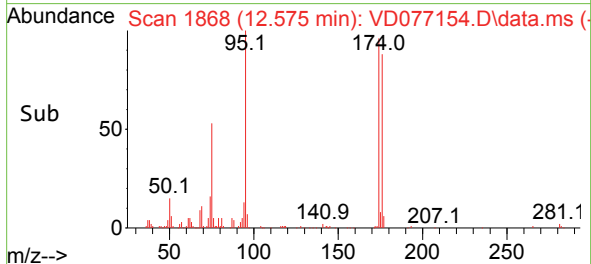
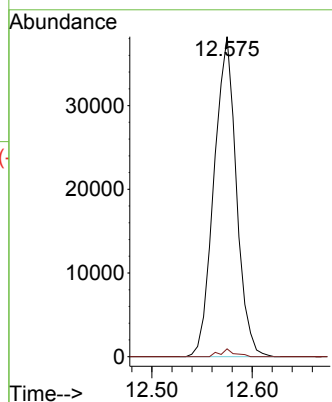
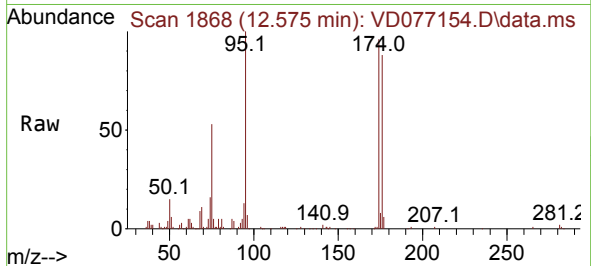
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.1	81.3
150	156.2	0.0	353.6





#76
1,2,3-Trichloropropane
Concen: 56.760 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion: 75 Resp: 59234
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.436 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion: 75 Resp: 59234
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

