

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077157.D
 Acq On : 19 Sep 2023 20:16
 Operator : JC/SY
 Sample : 04436-03RE
 Misc : 4.29G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

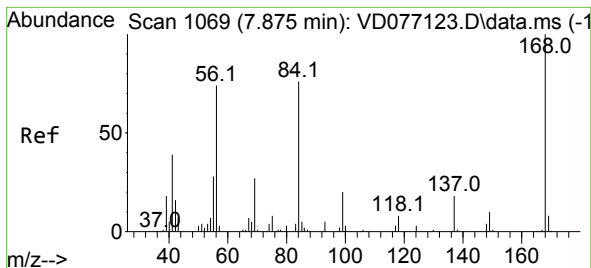
Quant Time: Sep 20 02:06:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	64435	60.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.720%	
35) Dibromofluoromethane	7.805	113	93390	53.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.269	98	334604	53.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.575	95	95321	49.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9348	38.633	ug/l #	67
17) Carbon Disulfide	4.264	76	216846	53.977	ug/l	100
20) Methylene Chloride	4.799	84	23899	10.243	ug/l #	84
25) 2-Butanone	7.087	43	2865	9.000	ug/l #	78
29) Tetrahydrofuran	7.446	42	254	1.365	ug/l #	89
31) Cyclohexane	7.875	56	2393	1.292	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	8313	3.135	ug/l #	46
37) Ethyl Acetate	7.087	43	2865	2.816	ug/l #	62
38) Carbon Tetrachloride	7.881	117	10180	3.906	ug/l #	14
52) Toluene	10.334	92	8564	1.632	ug/l	95
55) 1,1,2-Trichloroethane	10.593	97	1636	1.039	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	48765	57.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48765	108.309	ug/l #	17

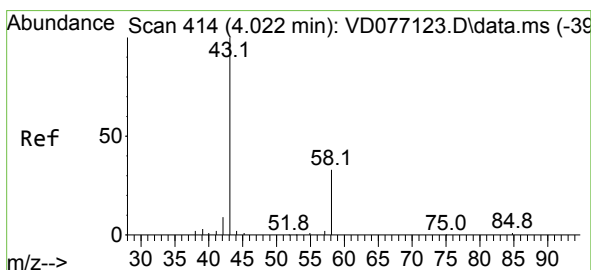
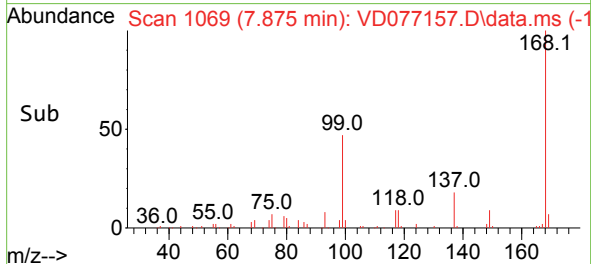
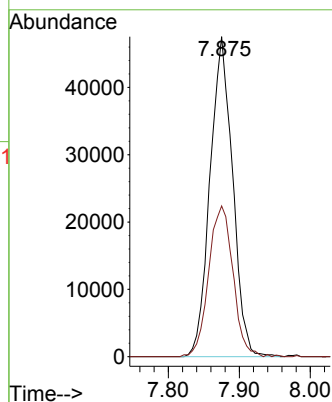
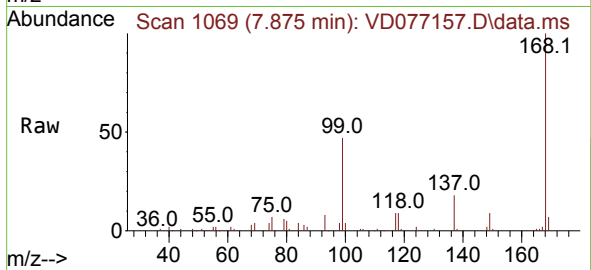
(#) = qualifier out of range (m) = manual integration (+) = signals summed

[illegible]



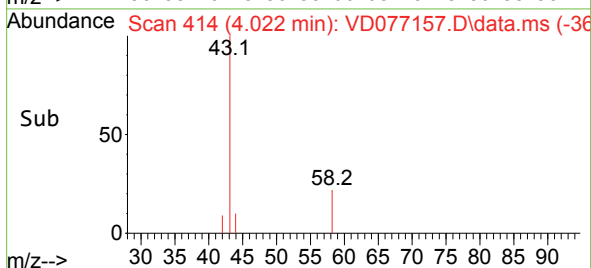
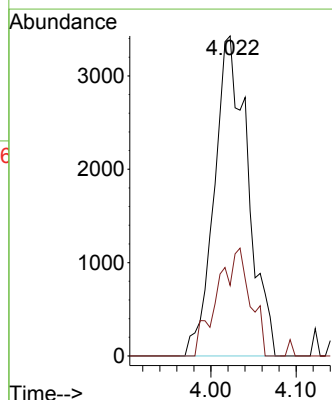
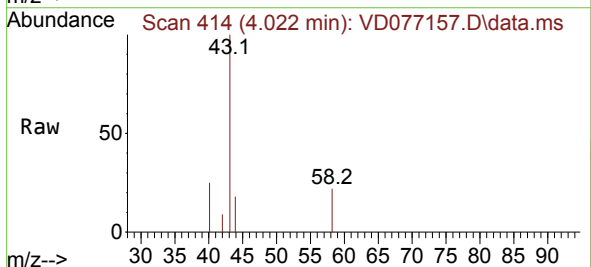
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

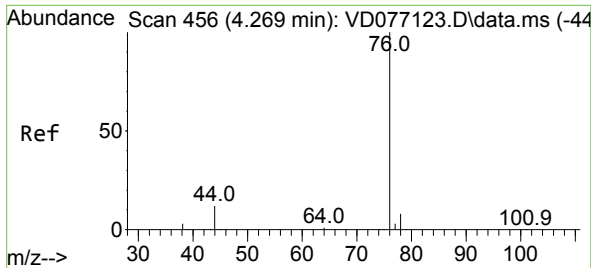
Tgt Ion:168 Resp: 104905
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#16
Acetone
Concen: 38.633 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

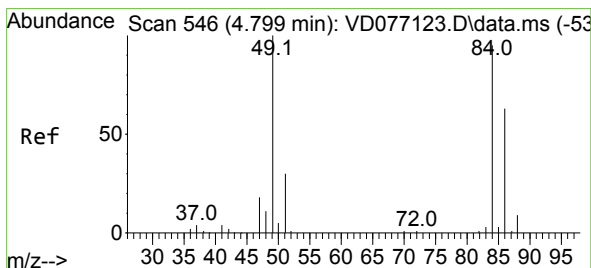
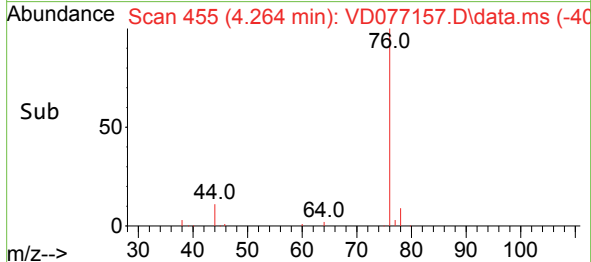
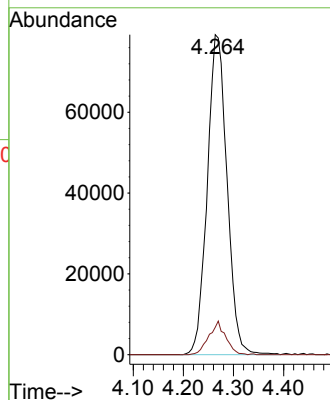
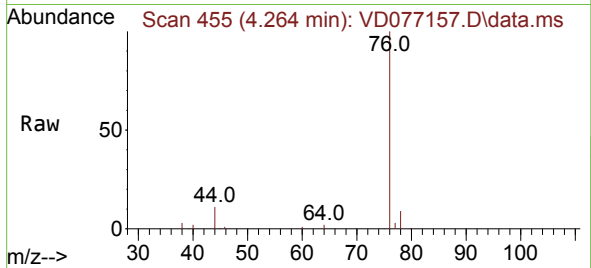
Tgt Ion: 43 Resp: 9348
Ion Ratio Lower Upper
43 100
58 22.0 34.7 52.1#





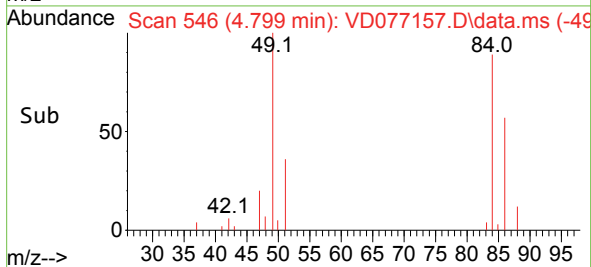
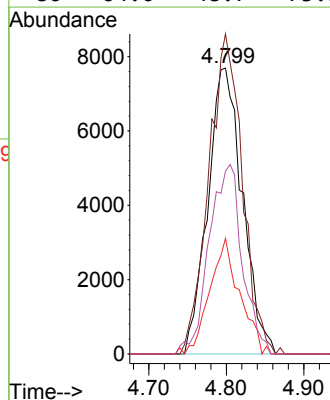
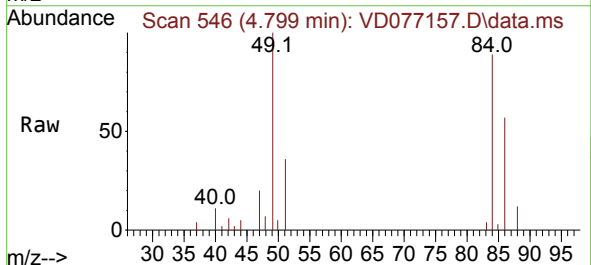
#17
Carbon Disulfide
Concen: 53.977 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

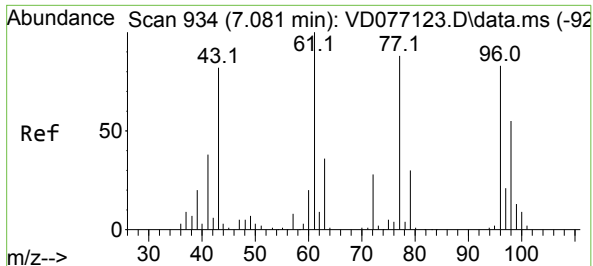
Tgt Ion: 76 Resp: 216846
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#20
Methylene Chloride
Concen: 10.243 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Tgt Ion: 84 Resp: 23899
Ion Ratio Lower Upper
84 100
49 111.9 71.4 107.2#
51 40.5 24.5 36.7#
86 64.0 48.7 73.1





#25

2-Butanone

Concen: 9.000 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077157.D

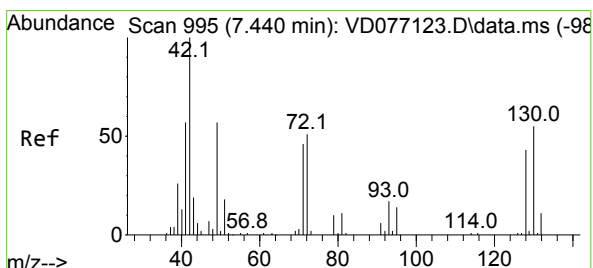
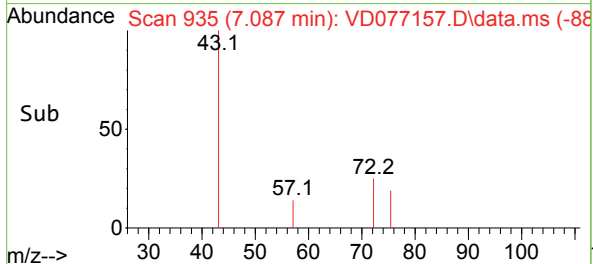
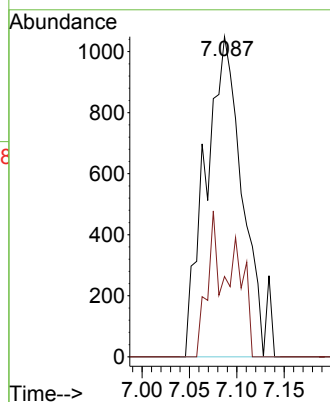
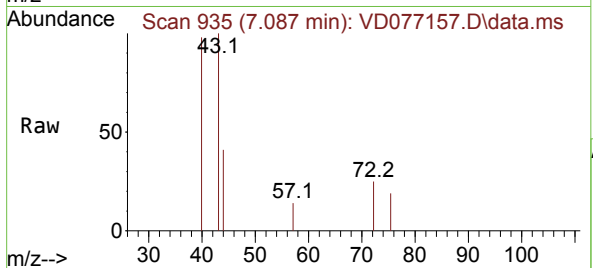
Acq: 19 Sep 2023 20:16

Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

43 100

72 25.1 30.7 46.1#



#29

Tetrahydrofuran

Concen: 1.365 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077157.D

Acq: 19 Sep 2023 20:16

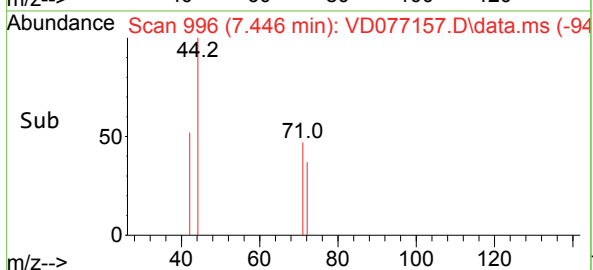
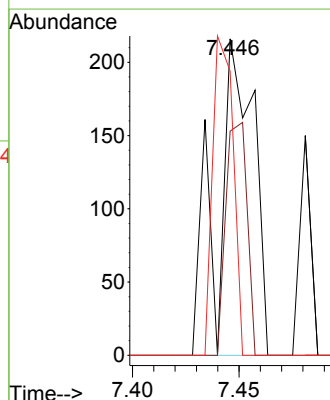
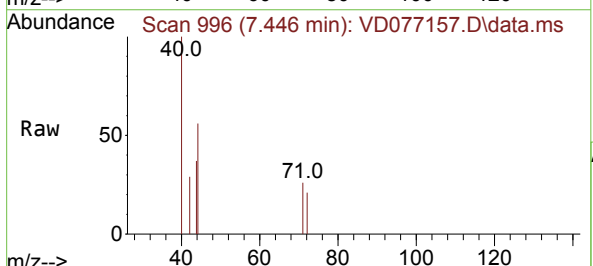
Tgt Ion: 42 Resp: 254

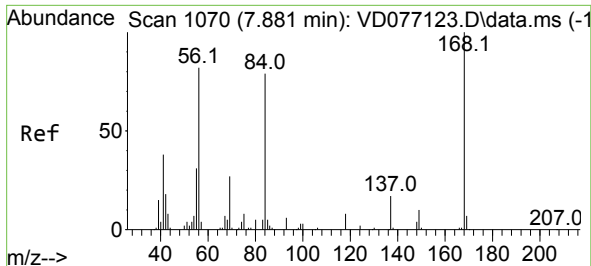
Ion Ratio Lower Upper

42 100

72 43.3 46.5 69.7#

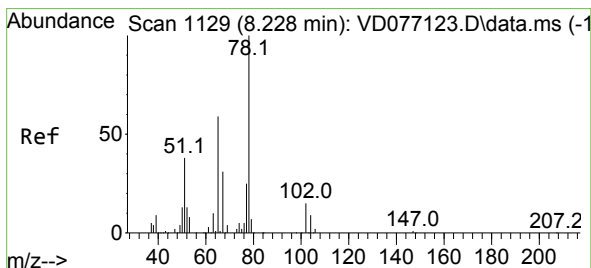
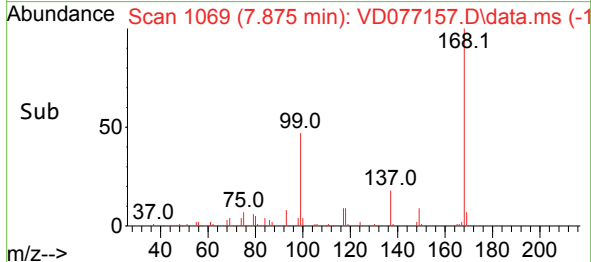
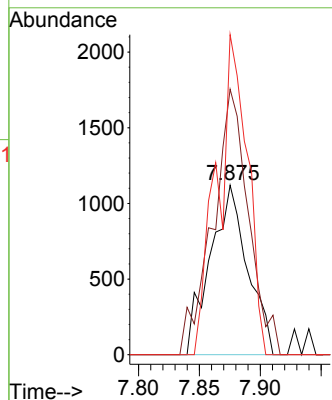
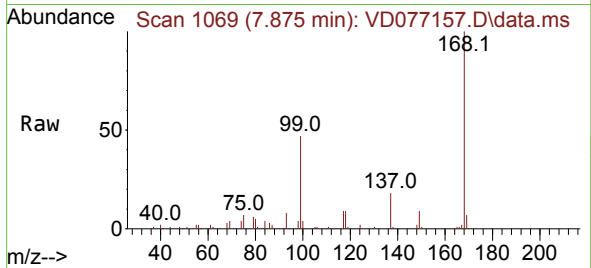
71 57.1 44.5 66.7





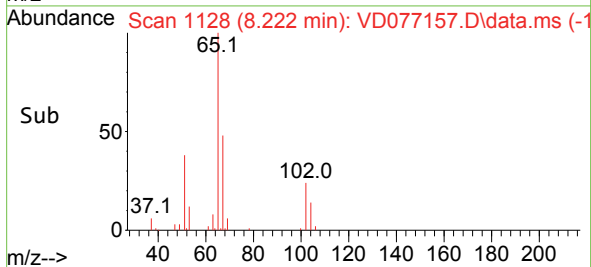
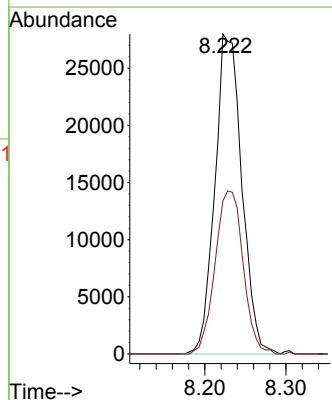
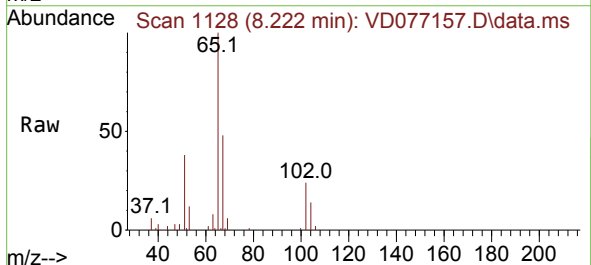
#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

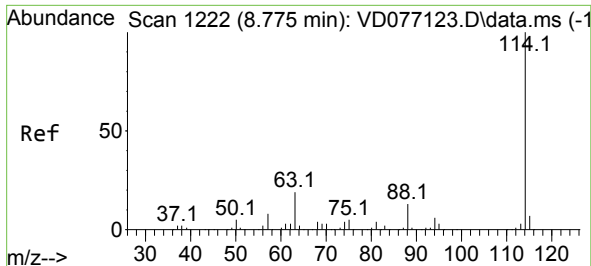
Tgt Ion:	56	Resp:	2393
Ion Ratio	100	Lower	Upper
69	156.6	28.6	43.0#
84	188.8	84.8	127.2#



#33
1,2-Dichloroethane-d4
Concen: 60.862 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

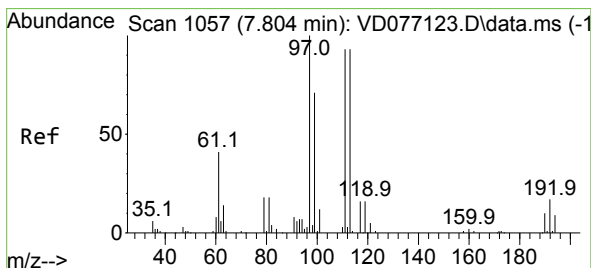
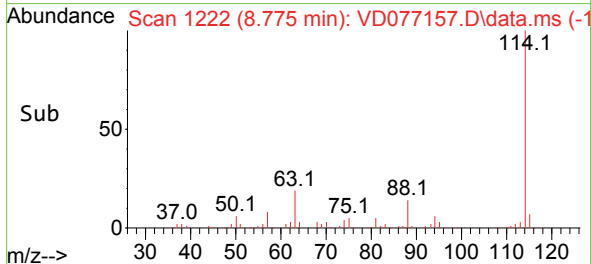
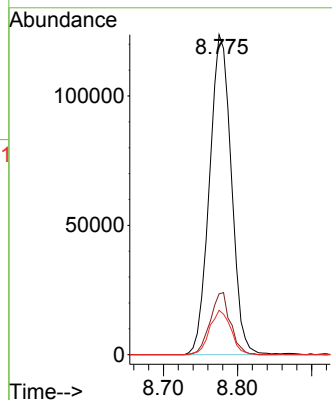
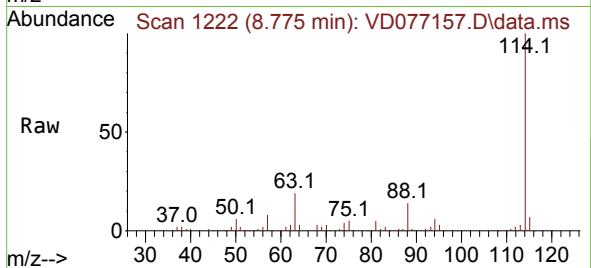
Tgt Ion:	65	Resp:	64435
Ion Ratio	100	Lower	Upper
67	53.1	0.0	115.0





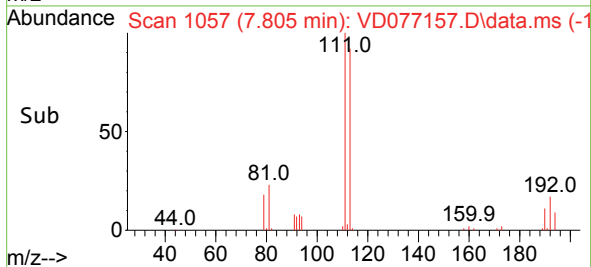
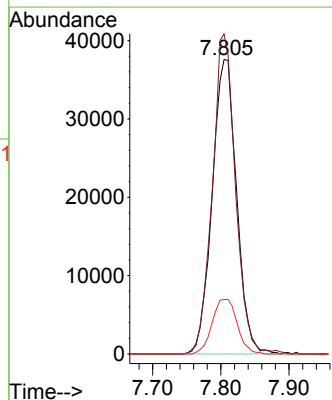
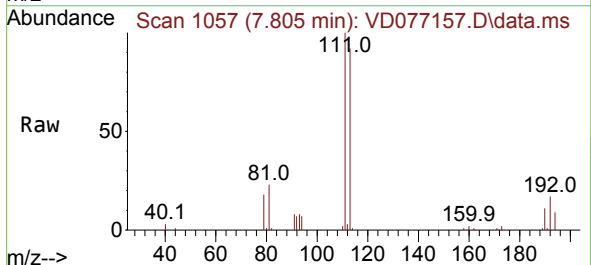
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

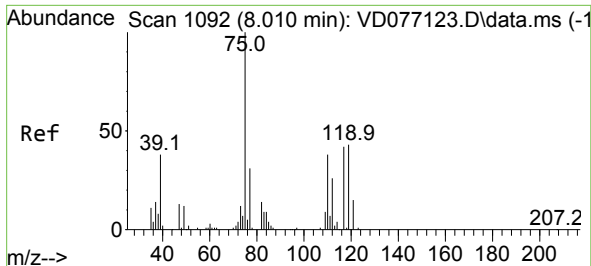
Tgt Ion:114 Resp: 253488
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 13.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.041 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

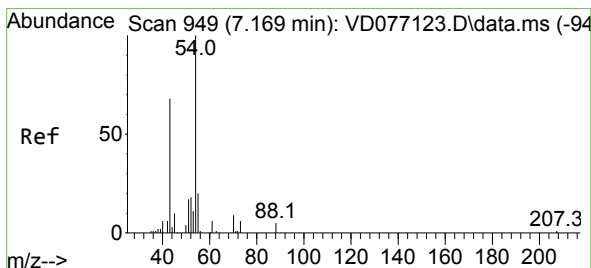
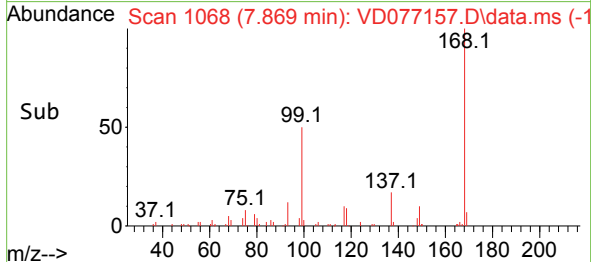
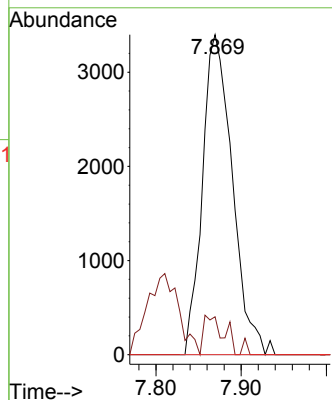
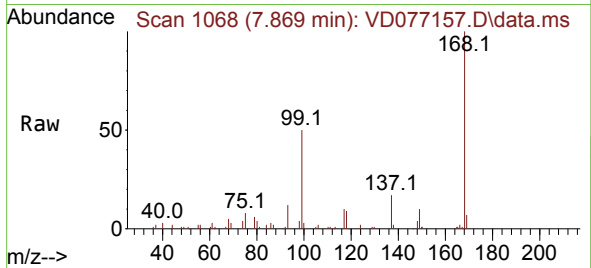
Tgt Ion:113 Resp: 93390
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 19.1 16.8 25.2





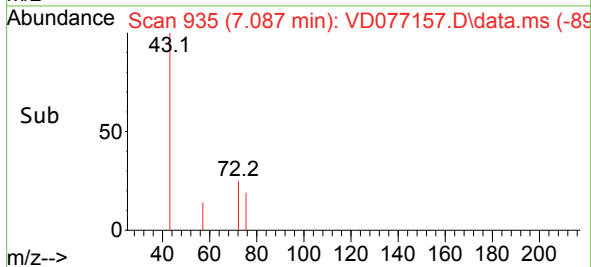
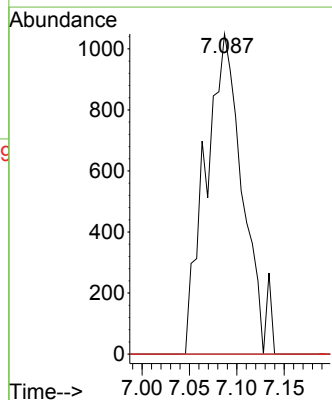
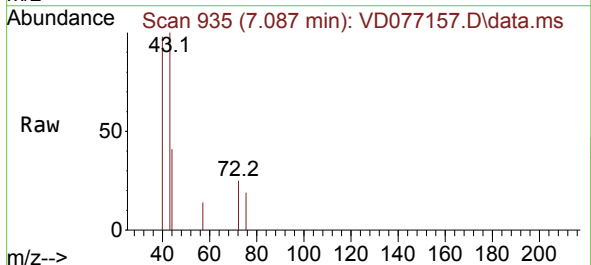
#36
1,1-Dichloropropene
Concen: 3.135 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

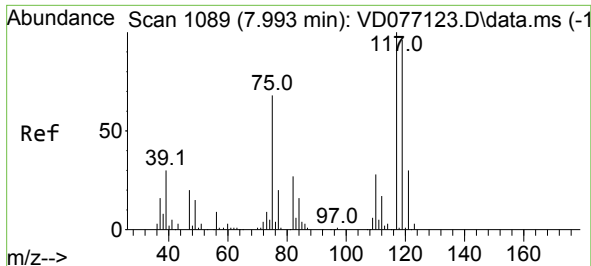
Tgt Ion: 75 Resp: 8313
Ion Ratio Lower Upper
75 100
110 8.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.816 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

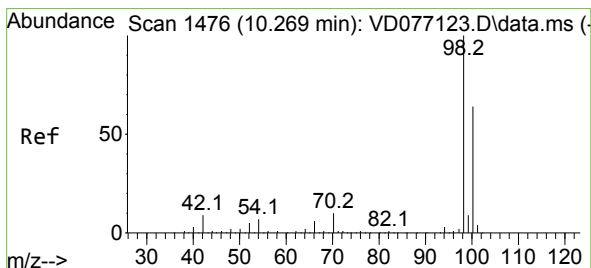
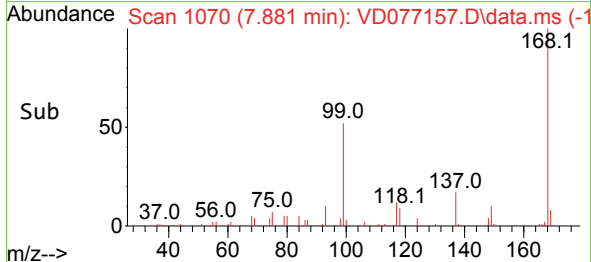
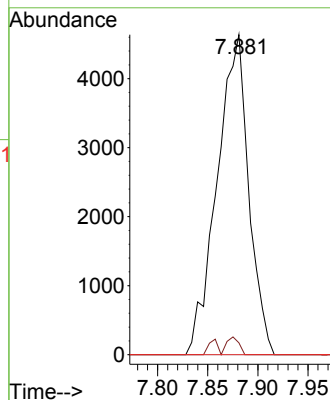
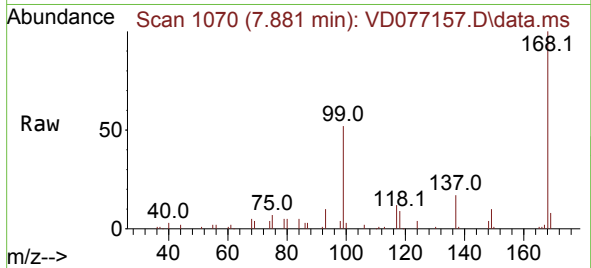
Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#





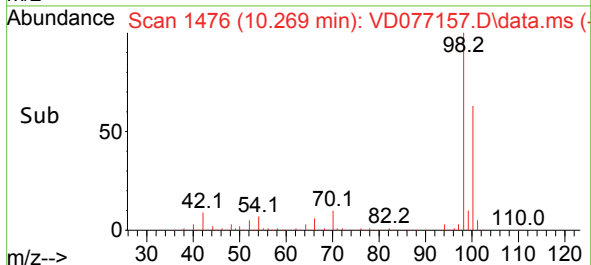
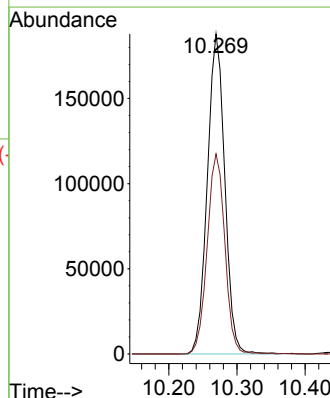
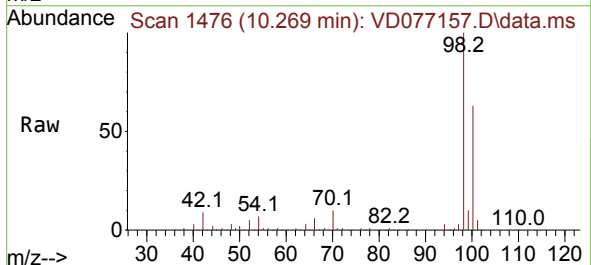
#38
Carbon Tetrachloride
Concen: 3.906 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

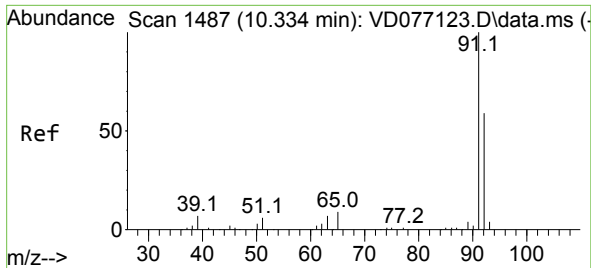
Tgt Ion:117 Resp: 10180
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.391 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

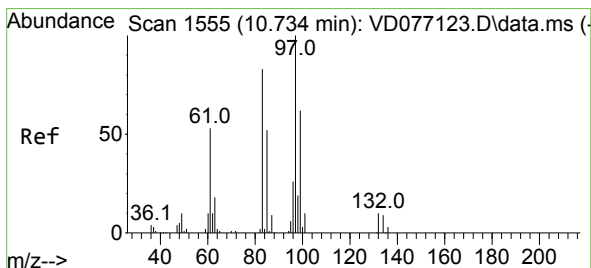
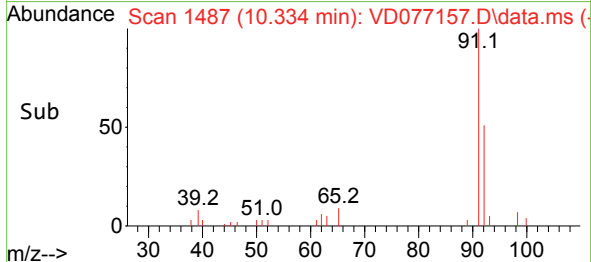
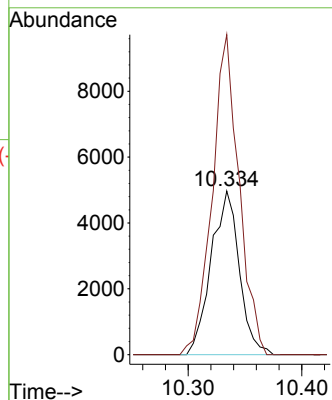
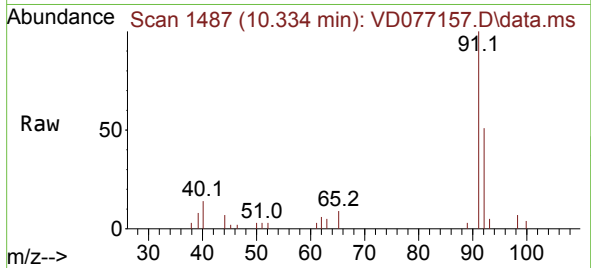
Tgt Ion: 98 Resp: 334604
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5





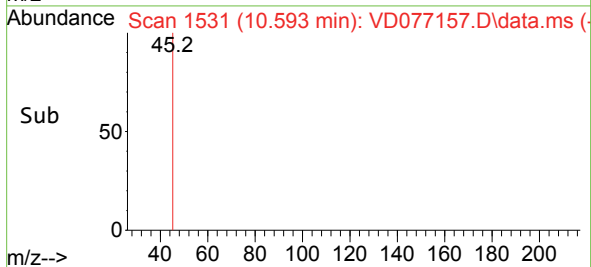
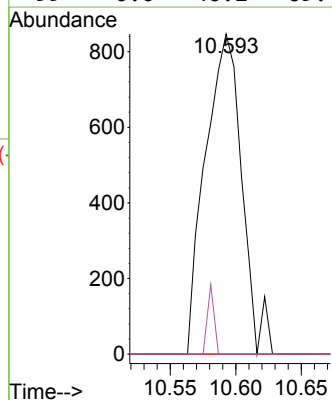
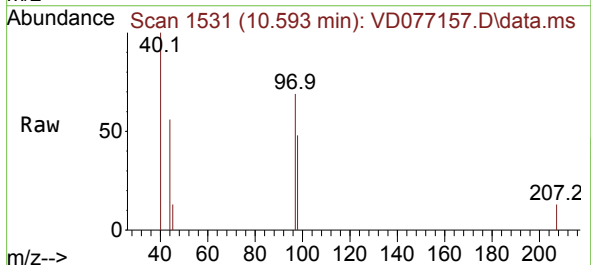
#52
Toluene
Concen: 1.632 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

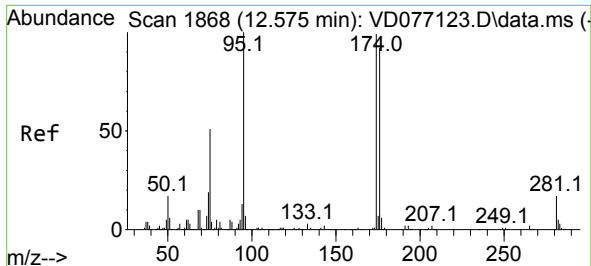
Tgt Ion: 92 Resp: 8564
Ion Ratio Lower Upper
92 100
91 186.1 143.0 214.4



#55
1,1,2-Trichloroethane
Concen: 1.039 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.141 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

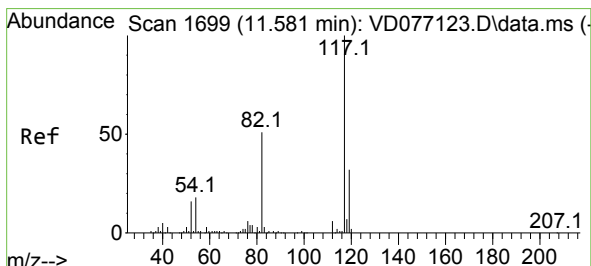
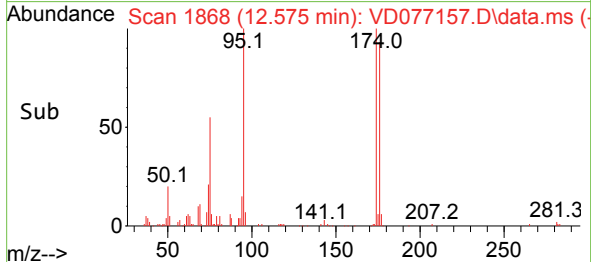
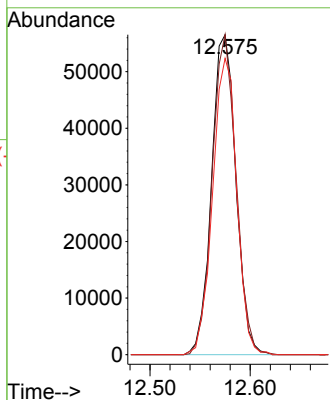
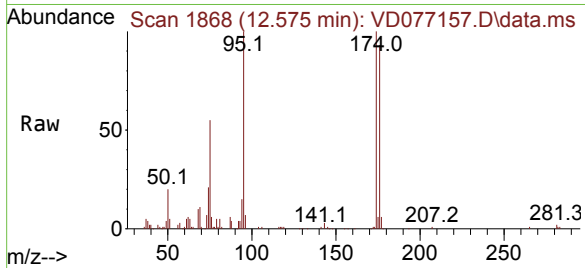
Tgt Ion: 97 Resp: 1636
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.6#
85 0.0 45.7 68.5#
99 0.0 46.2 69.4#





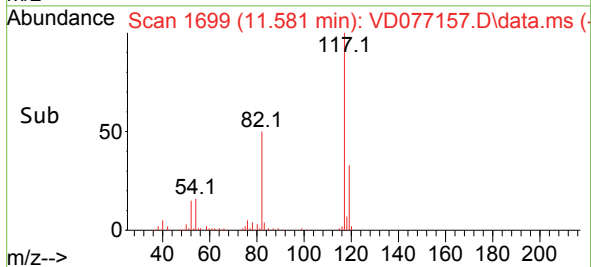
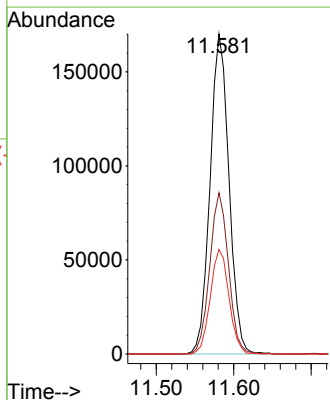
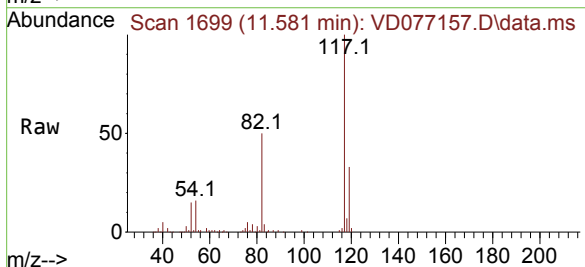
#62
4-Bromofluorobenzene
Concen: 49.073 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

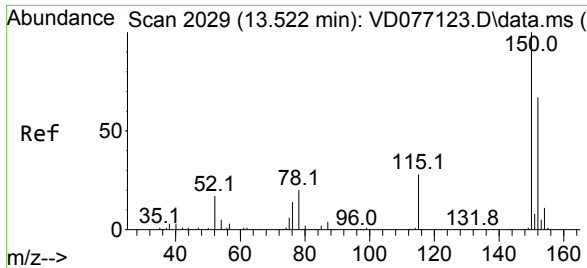
Tgt Ion:	95	Resp:	95321
Ion Ratio	Lower	Upper	
95	100		
174	97.7	0.0	201.8
176	91.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

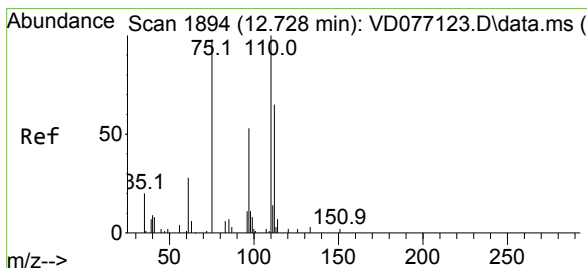
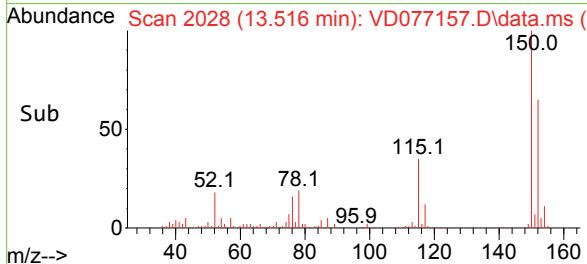
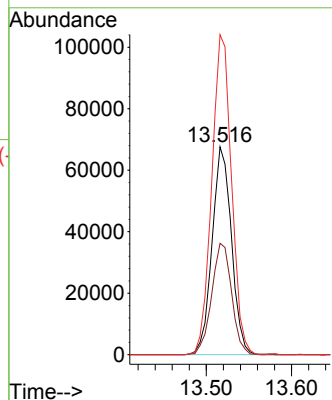
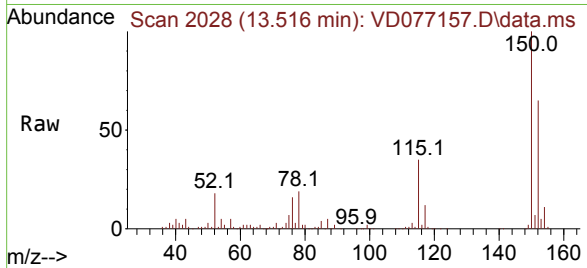
Tgt Ion:	117	Resp:	288573
Ion Ratio	Lower	Upper	
117	100		
82	50.3	38.3	57.5
119	32.6	25.0	37.4





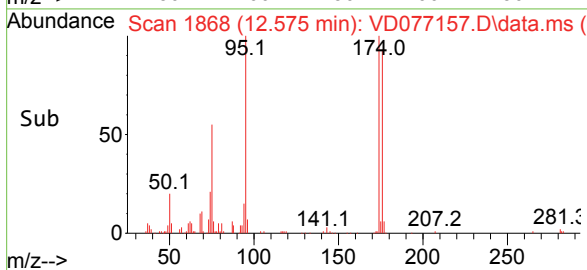
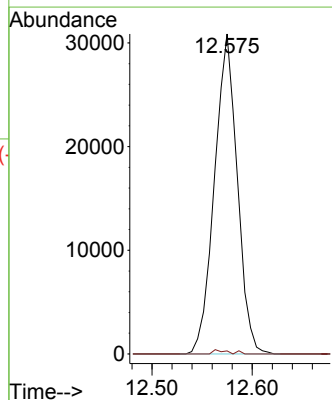
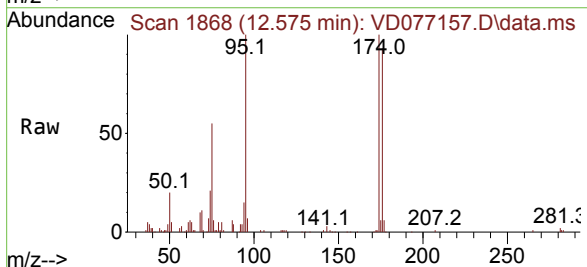
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD077157.D
 Acq: 19 Sep 2023 20:16

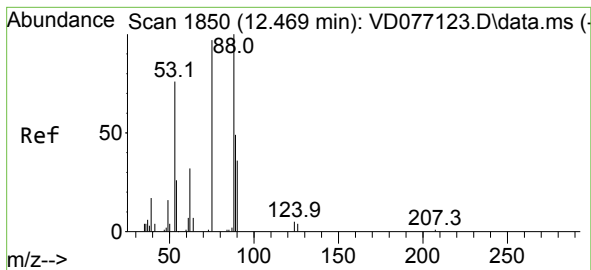
Tgt Ion:152 Resp: 106837
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.1 81.3
 150 156.4 0.0 353.6



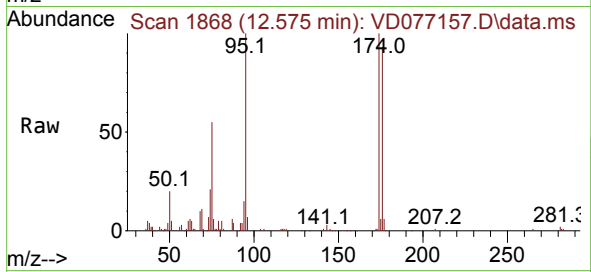
#76
 1,2,3-Trichloropropane
 Concen: 57.222 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077157.D
 Acq: 19 Sep 2023 20:16

Tgt Ion: 75 Resp: 48765
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.309 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077157.D
 Acq: 19 Sep 2023 20:16



Tgt Ion:	75	Resp:	48765
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

