

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077156.D
 Acq On : 19 Sep 2023 19:48
 Operator : JC/SY
 Sample : 04436-13RE
 Misc : 4.62G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 20 02:06:07 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

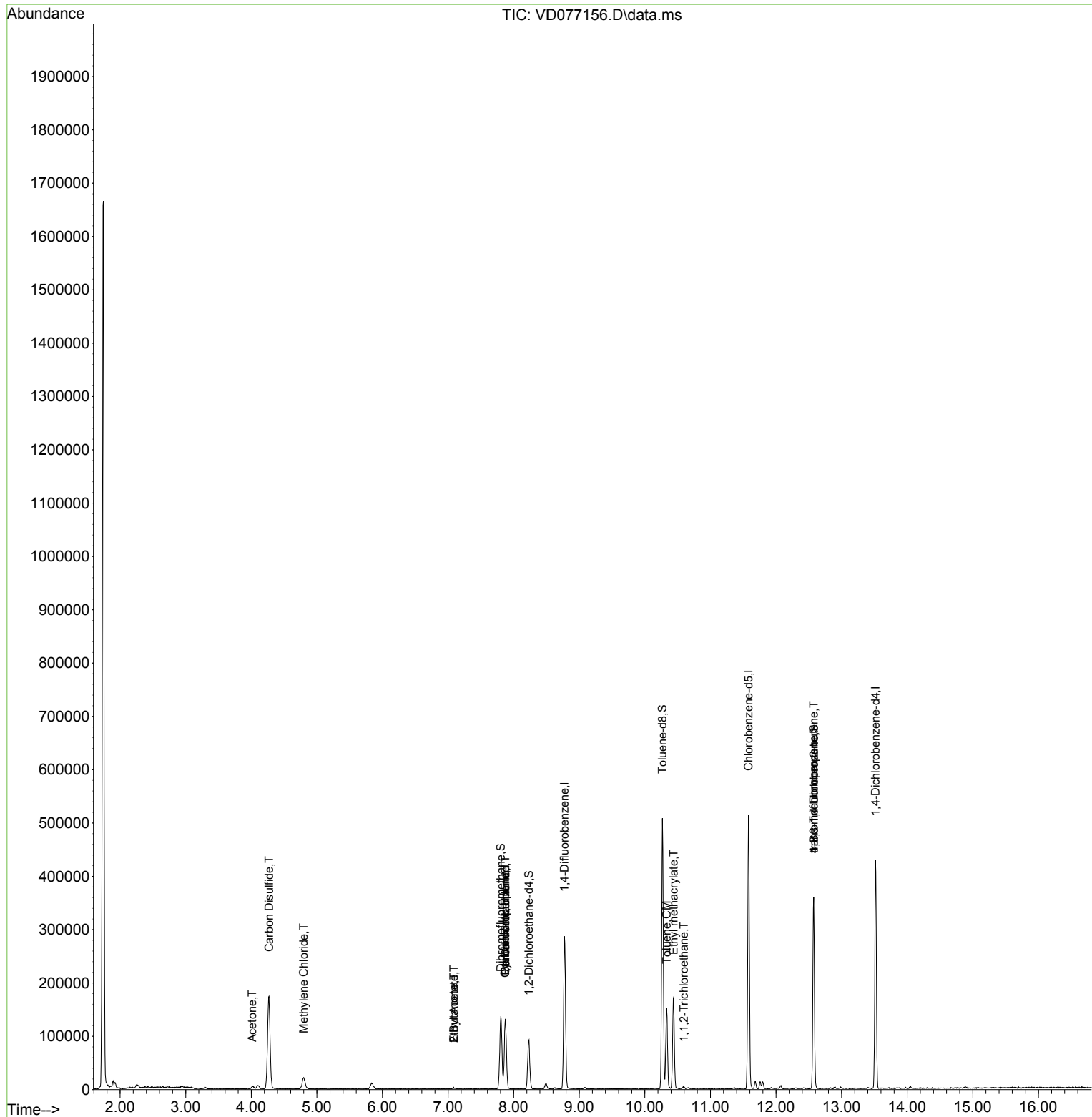
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

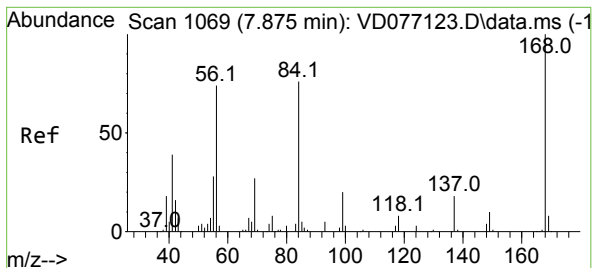
Internal Standards						
1) Pentafluorobenzene	7.875	168	104062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	261292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	311605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70147	66.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.580%	
35) Dibromofluoromethane	7.804	113	98117	54.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.269	98	348487	53.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.575	95	109075	54.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	8481	35.333	ug/l #	71
17) Carbon Disulfide	4.269	76	361214	90.641	ug/l	98
20) Methylene Chloride	4.798	84	18412	6.337	ug/l	95
25) 2-Butanone	7.087	43	2298	7.277	ug/l	87
31) Cyclohexane	7.869	56	2251	1.225	ug/l #	38
36) 1,1-Dichloropropene	7.869	75	8120	2.971	ug/l #	44
37) Ethyl Acetate	7.087	43	2298	2.191	ug/l #	62
38) Carbon Tetrachloride	7.875	117	9734	3.623	ug/l #	15
52) Toluene	10.333	92	67883	12.548	ug/l	98
55) 1,1,2-Trichloroethane	10.592	97	3873	2.386	ug/l #	20
56) Ethyl methacrylate	10.439	69	6472	3.711	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	56059	58.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56059	110.213	ug/l #	17

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
Data File : VD077156.D
Acq On : 19 Sep 2023 19:48
Operator : JC/SY
Sample : 04436-13RE
Misc : 4.62G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

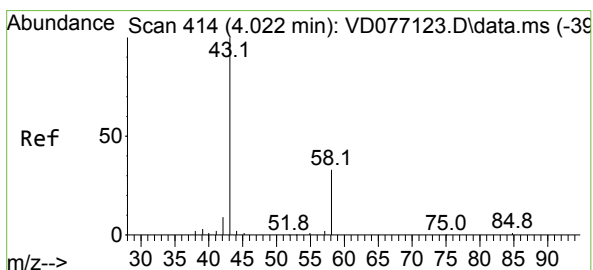
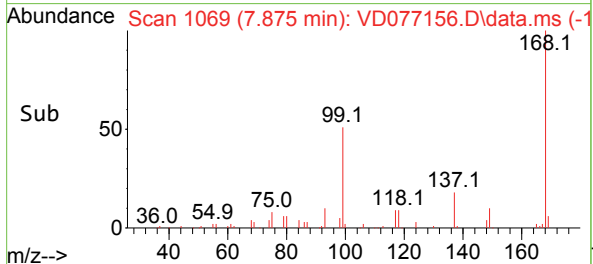
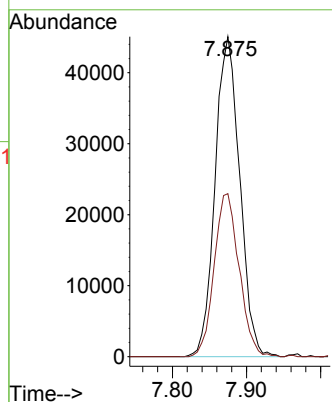
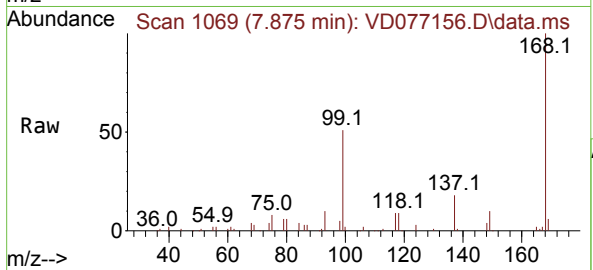
Quant Time: Sep 20 02:06:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration





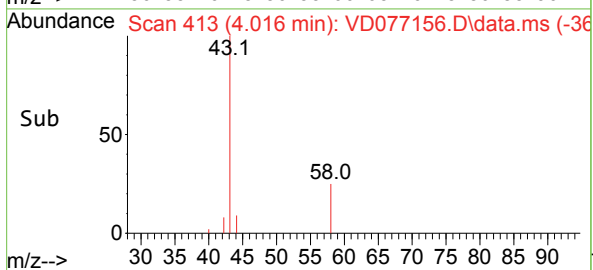
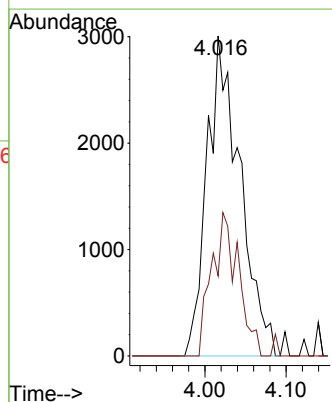
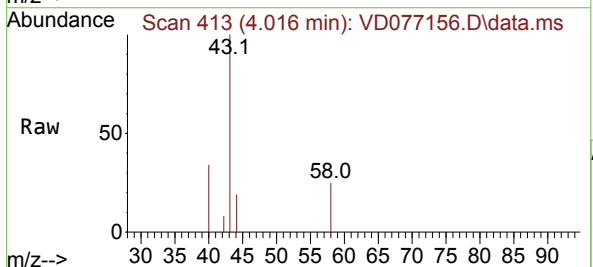
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

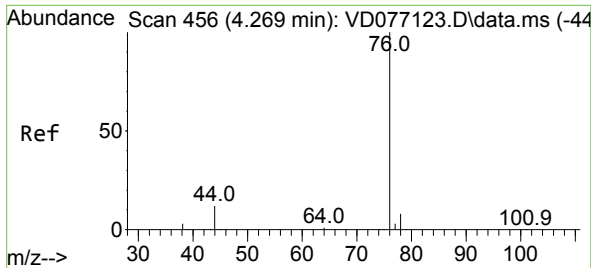
Tgt Ion:168 Resp: 104062
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#16
Acetone
Concen: 35.333 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

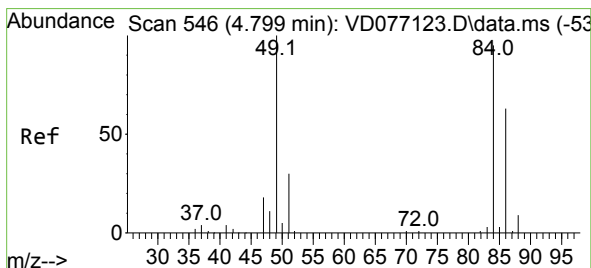
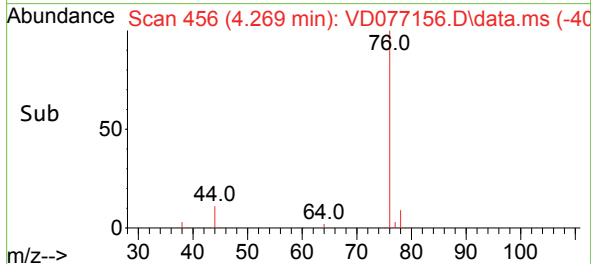
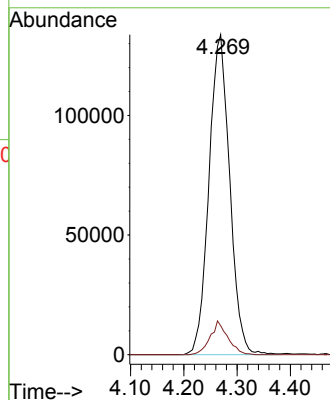
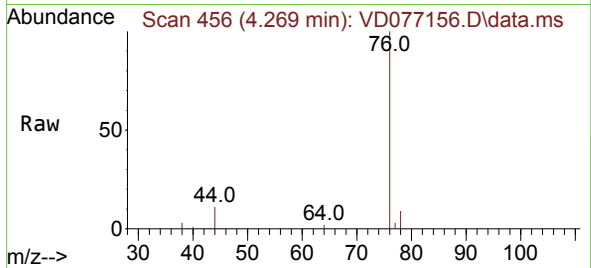
Tgt Ion: 43 Resp: 8481
Ion Ratio Lower Upper
43 100
58 25.0 34.7 52.1#





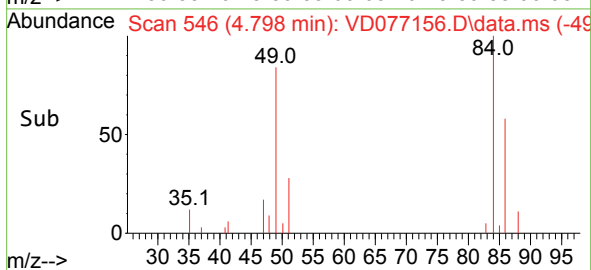
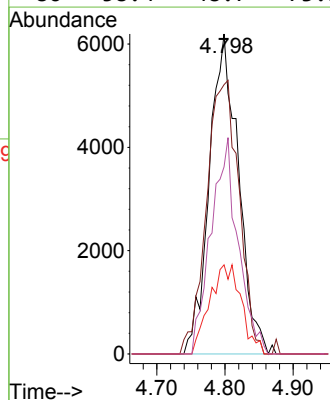
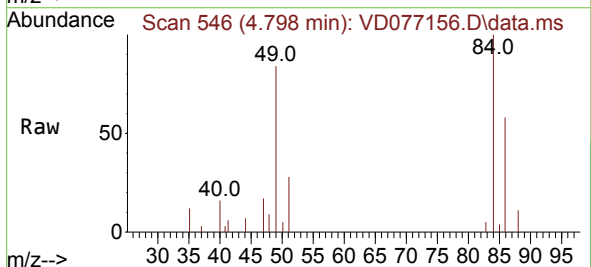
#17
Carbon Disulfide
Concen: 90.641 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

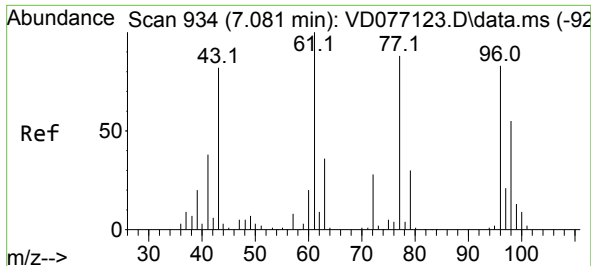
Tgt Ion: 76 Resp: 361214
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#20
Methylene Chloride
Concen: 6.337 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

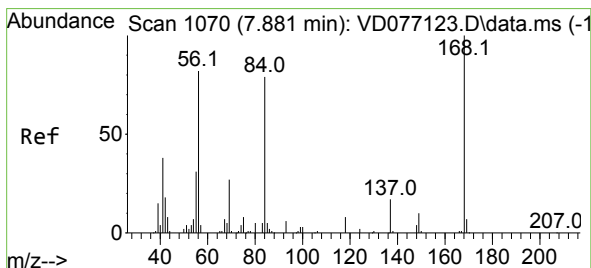
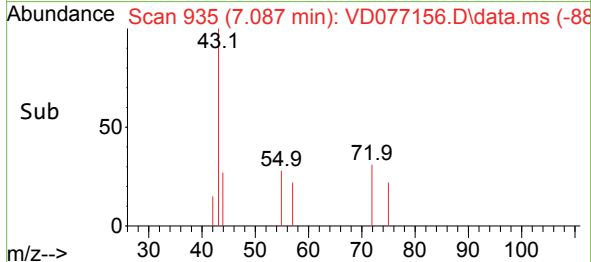
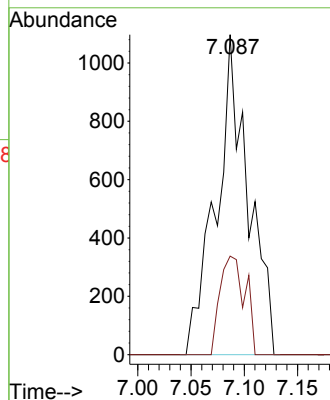
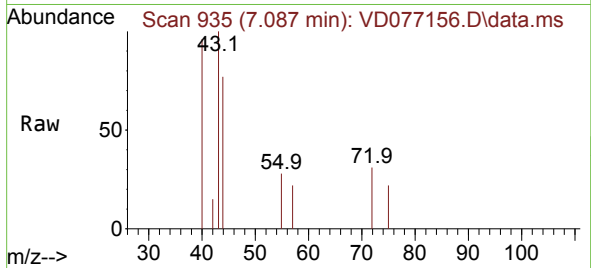
Tgt Ion: 84 Resp: 18412
Ion Ratio Lower Upper
84 100
49 84.1 71.4 107.2
51 27.8 24.5 36.7
86 58.4 48.7 73.1





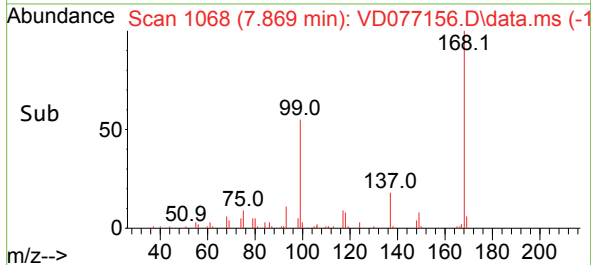
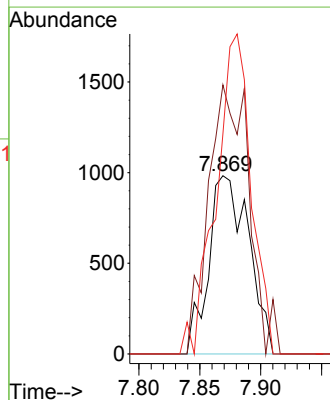
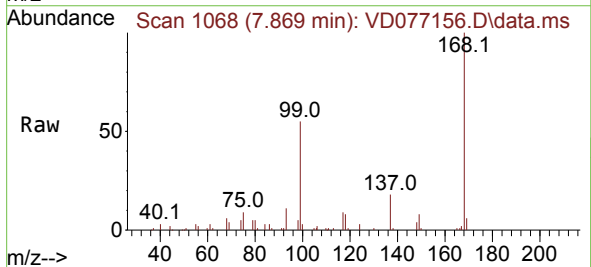
#25
2-Butanone
Concen: 7.277 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

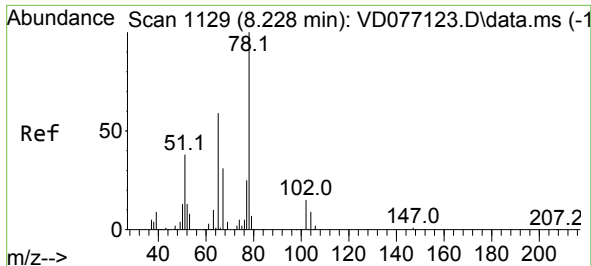
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

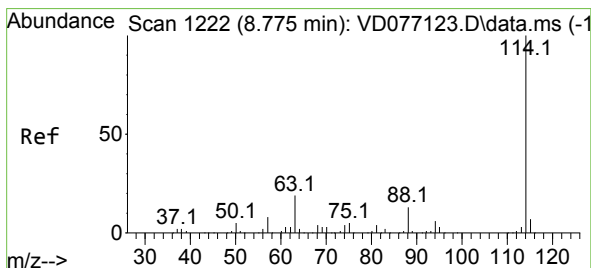
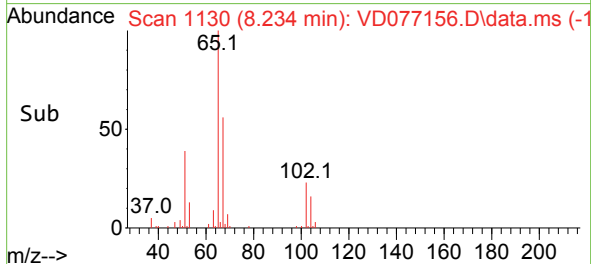
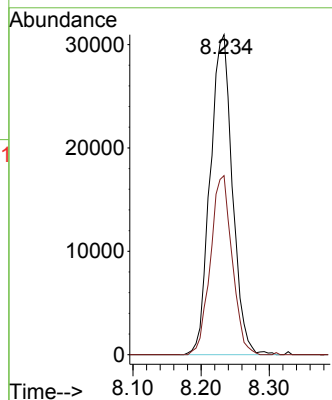
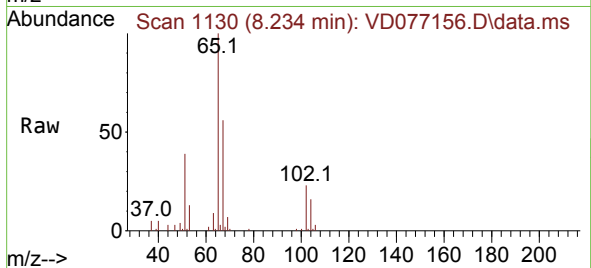
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 151.0 28.6 43.0#
84 123.5 84.8 127.2





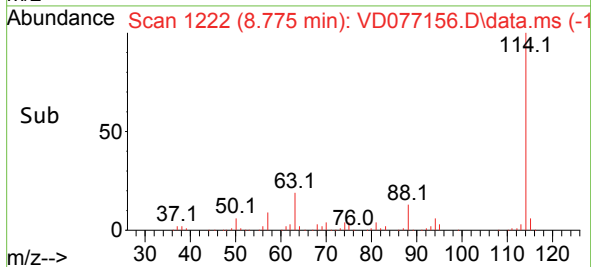
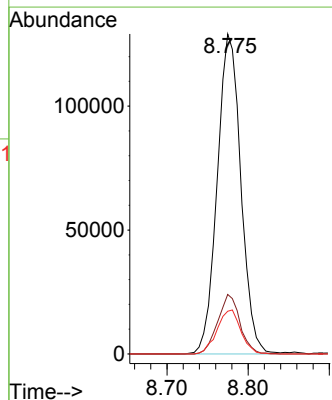
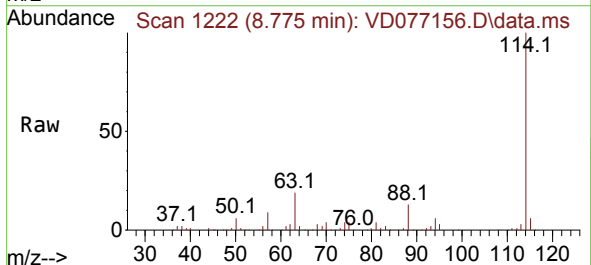
#33
1,2-Dichloroethane-d4
Concen: 66.794 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

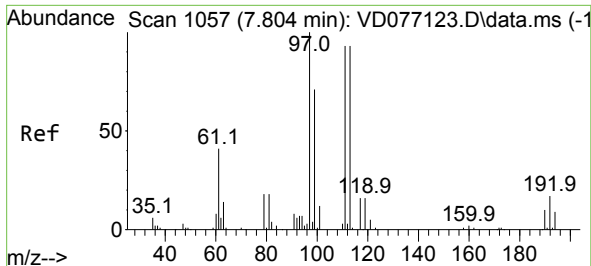
Tgt Ion: 65 Resp: 70147
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

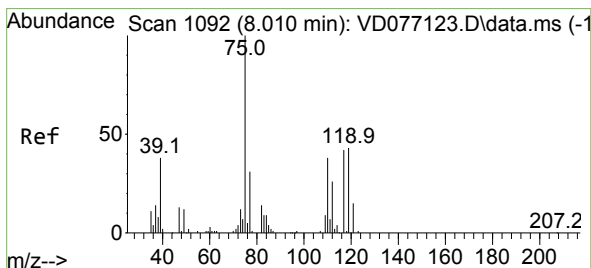
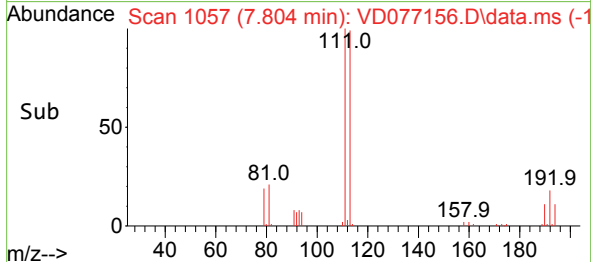
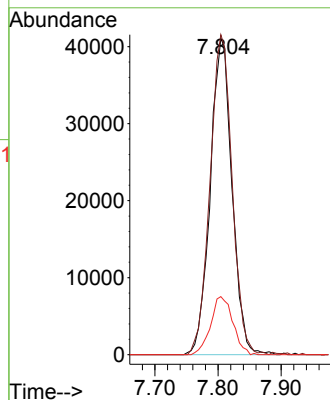
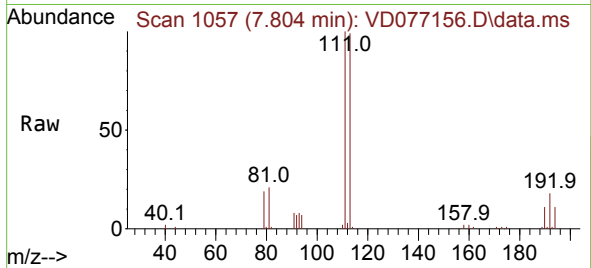
Tgt Ion: 114 Resp: 261292
Ion Ratio Lower Upper
114 100
63 18.6 0.0 33.4
88 13.4 0.0 26.2





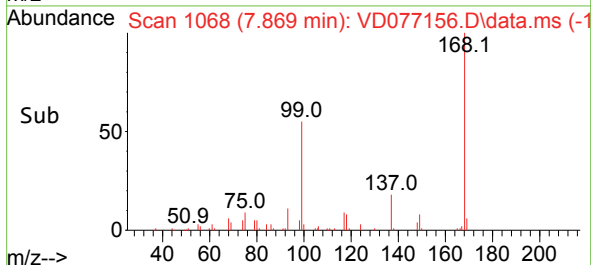
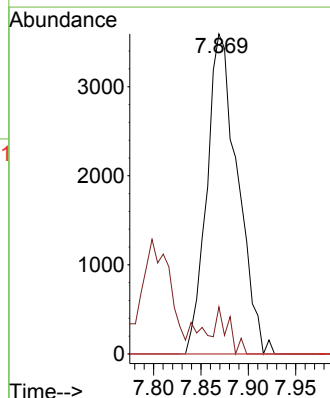
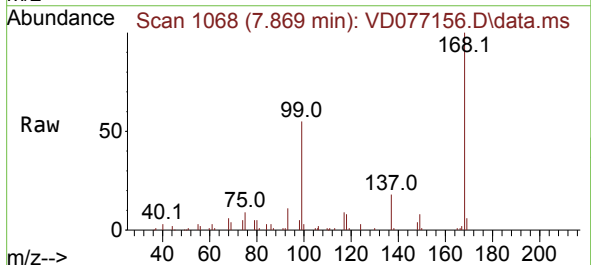
#35
Dibromofluoromethane
Concen: 54.061 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

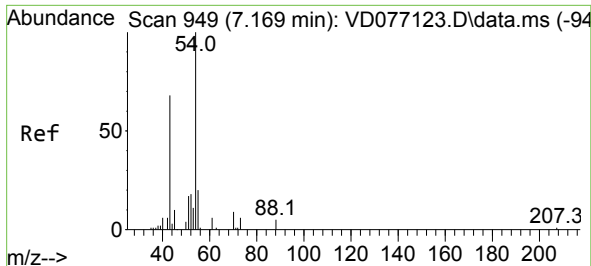
Tgt Ion:113 Resp: 98117
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 18.8 16.8 25.2



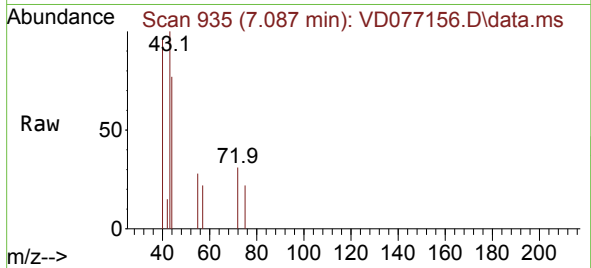
#36
1,1-Dichloropropene
Concen: 2.971 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 75 Resp: 8120
Ion Ratio Lower Upper
75 100
110 5.8 19.9 59.6#
77 0.0 24.7 37.1#

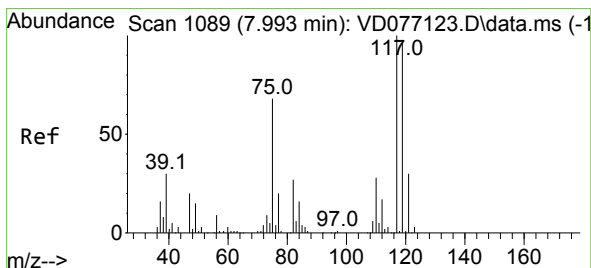
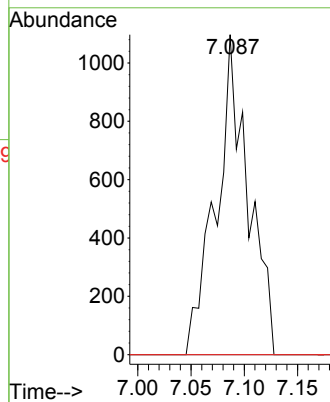
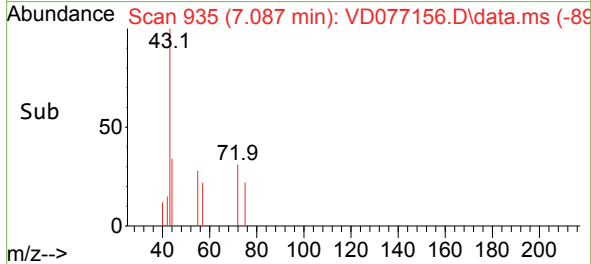




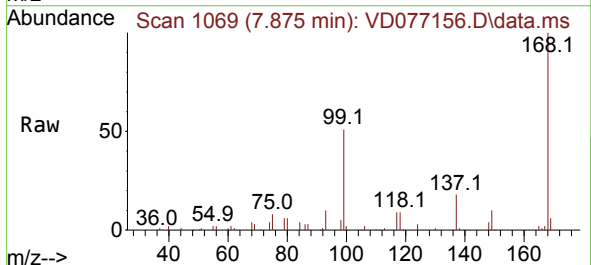
#37
Ethyl Acetate
Concen: 2.191 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48



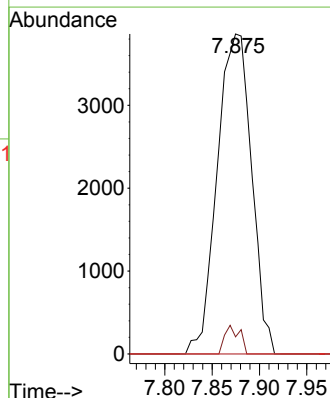
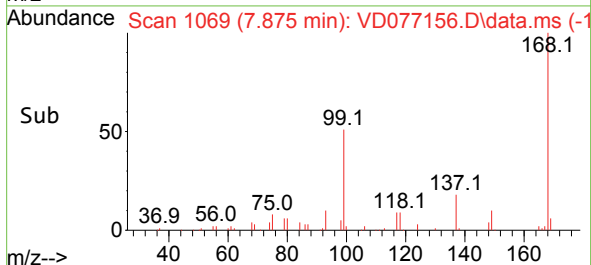
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#

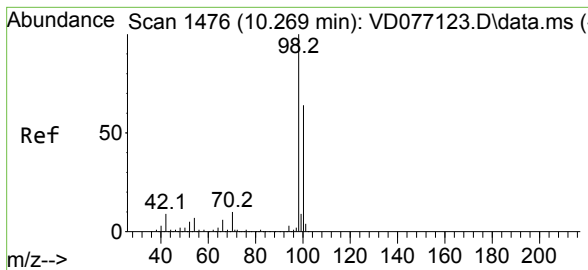


#38
Carbon Tetrachloride
Concen: 3.623 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48



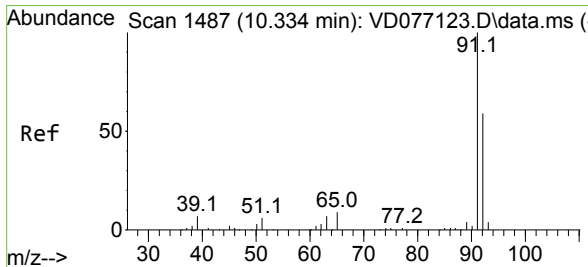
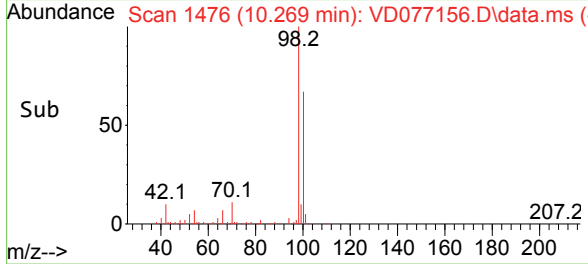
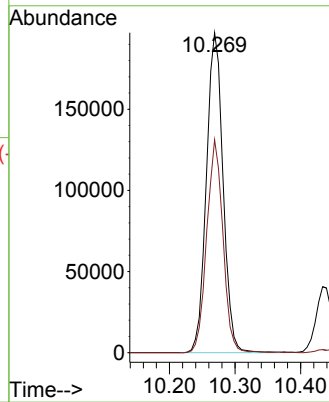
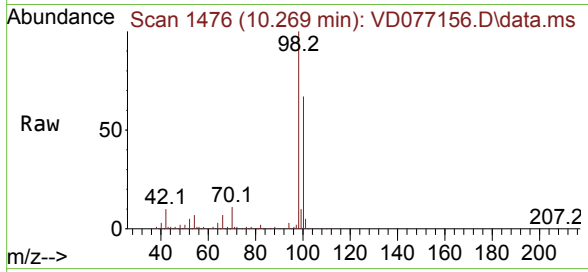
Tgt Ion: 117 Resp: 9734
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.2 36.2#





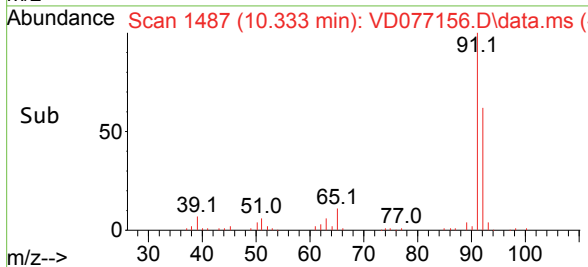
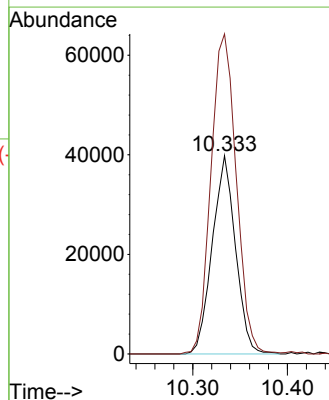
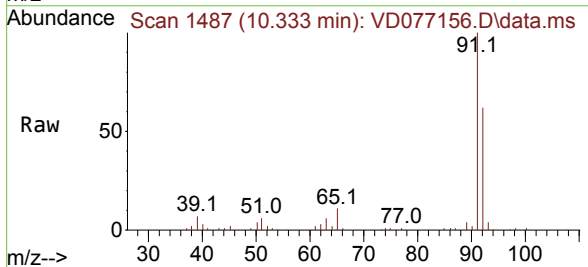
#50
Toluene-d8
Concen: 53.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

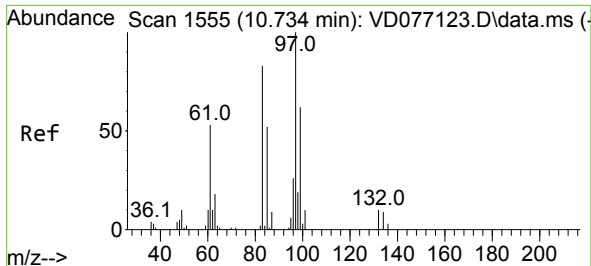
Tgt Ion: 98 Resp: 348487
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#52
Toluene
Concen: 12.548 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

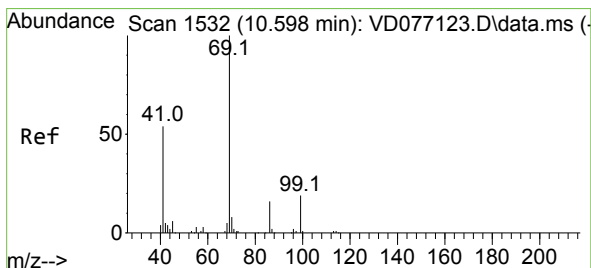
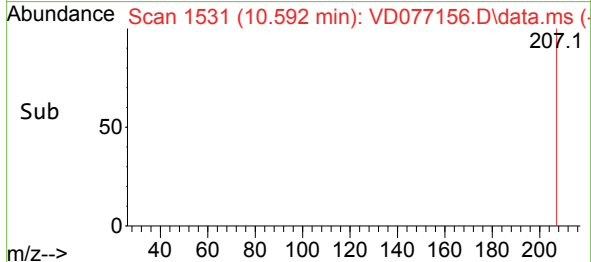
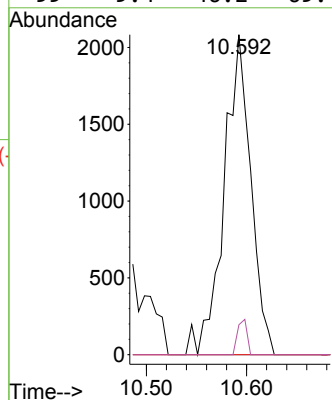
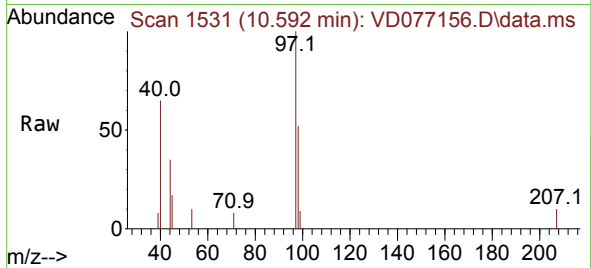
Tgt Ion: 92 Resp: 67883
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.4





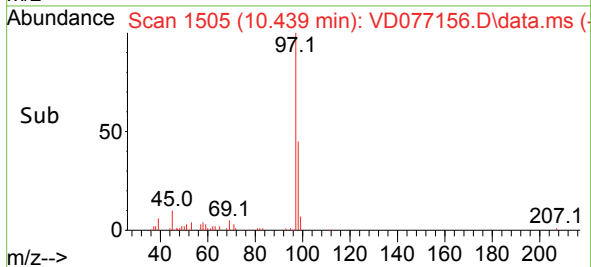
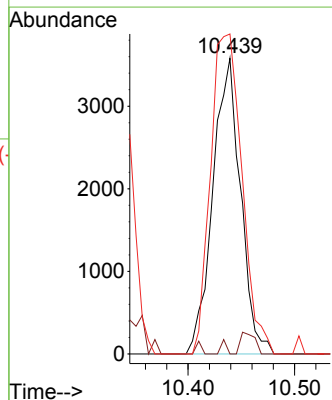
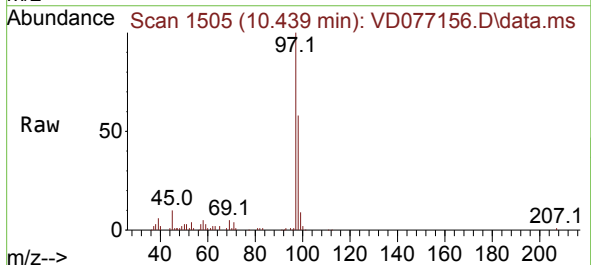
#55
1,1,2-Trichloroethane
Concen: 2.386 ug/l
RT: 10.592 min Scan# 1531
Delta R.T. -0.141 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

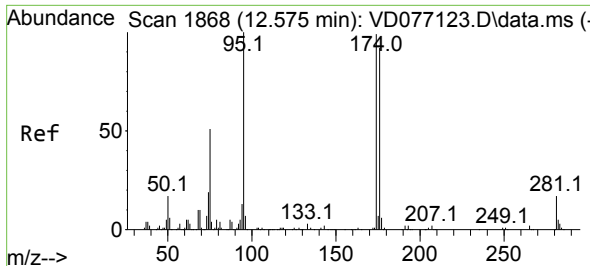
Tgt Ion: 97	Resp:	3873
Ion	Ratio	Lower Upper
97	100	
83	0.0	65.8 98.6#
85	0.0	45.7 68.5#
99	9.4	46.2 69.4#



#56
Ethyl methacrylate
Concen: 3.711 ug/l
RT: 10.439 min Scan# 1505
Delta R.T. -0.159 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

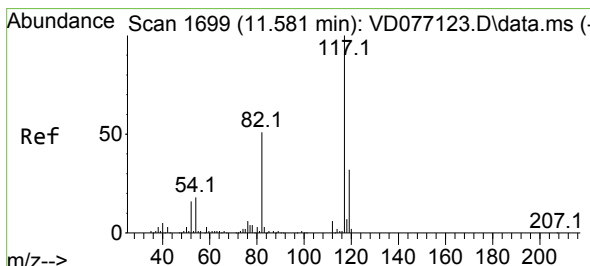
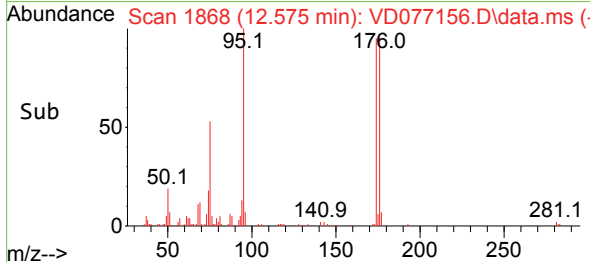
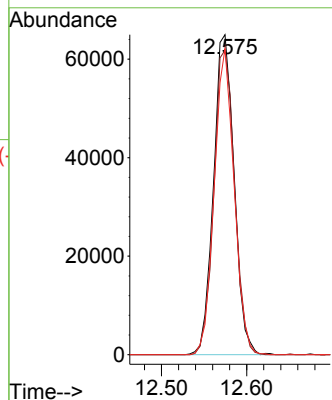
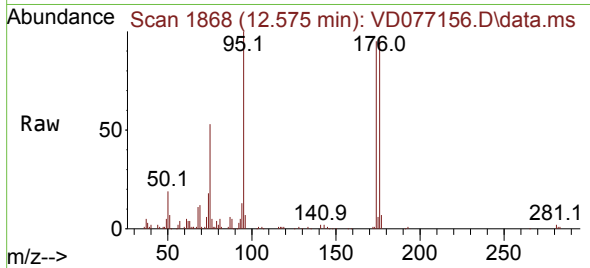
Tgt Ion: 69	Resp:	6472
Ion	Ratio	Lower Upper
69	100	
41	1.0	39.1 58.7#
39	123.0	20.0 30.0#





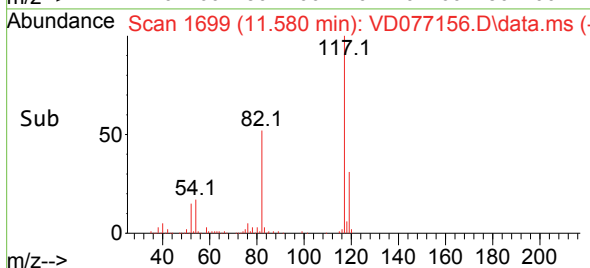
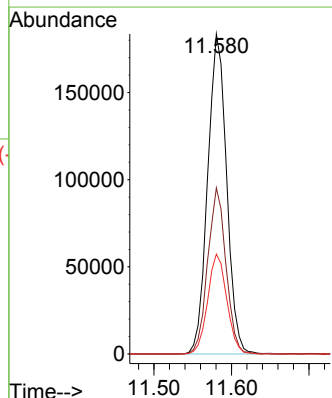
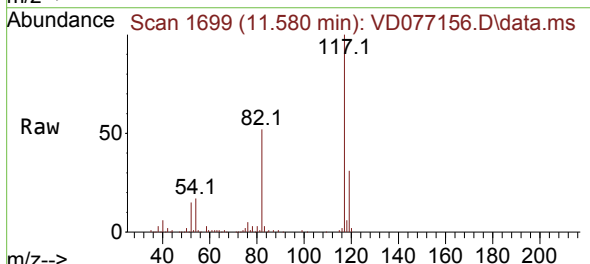
#62
4-Bromofluorobenzene
Concen: 54.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

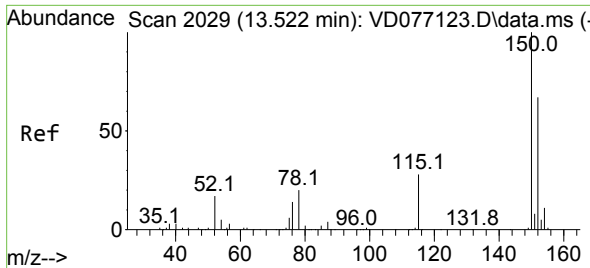
Tgt Ion:	95	Resp:	109075
Ion Ratio	Lower	Upper	
95	100		
174	95.5	0.0	201.8
176	92.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

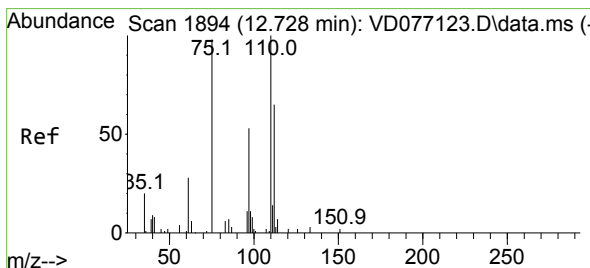
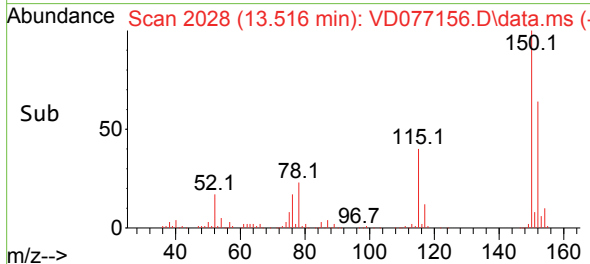
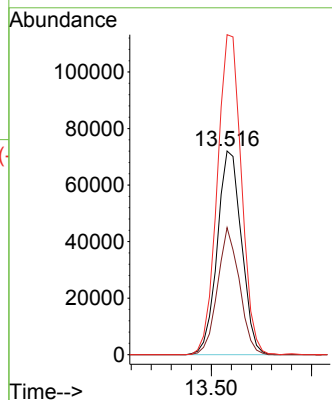
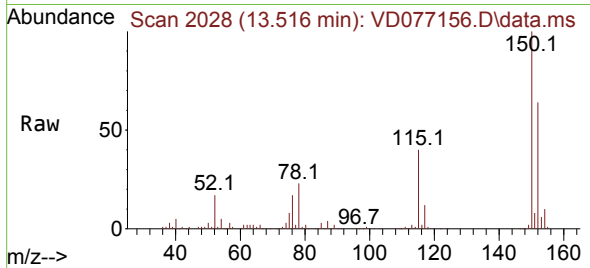
Tgt Ion:	117	Resp:	311605
Ion Ratio	Lower	Upper	
117	100		
82	51.9	38.3	57.5
119	31.2	25.0	37.4





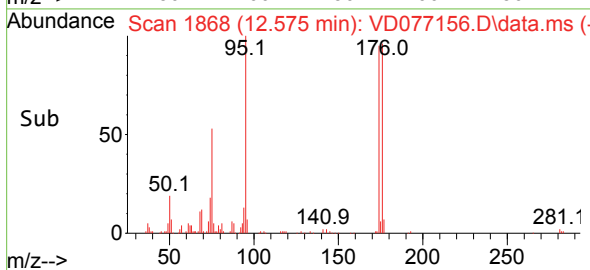
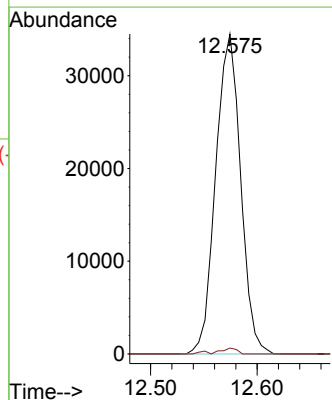
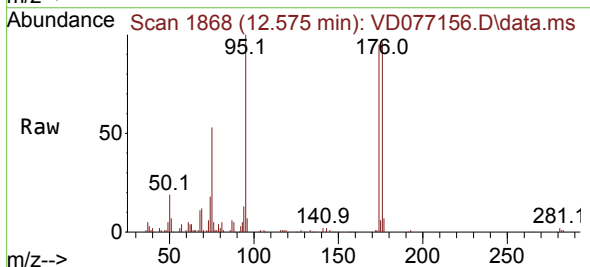
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD077156.D
 Acq: 19 Sep 2023 19:48

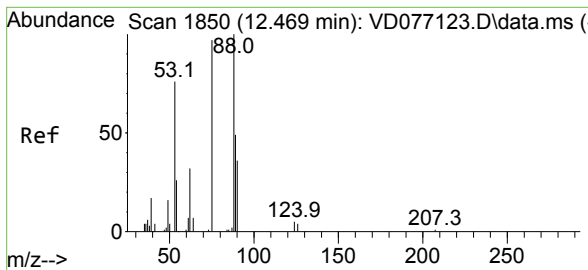
Tgt Ion:152 Resp: 120696
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 156.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 58.227 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077156.D
 Acq: 19 Sep 2023 19:48

Tgt Ion: 75 Resp: 56059
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.213 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077156.D
 Acq: 19 Sep 2023 19:48

Tgt Ion:	75	Resp:	56059
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

