

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077144.D
 Acq On : 19 Sep 2023 11:05
 Operator : JC/SY
 Sample : VD0919SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 02:00:50 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

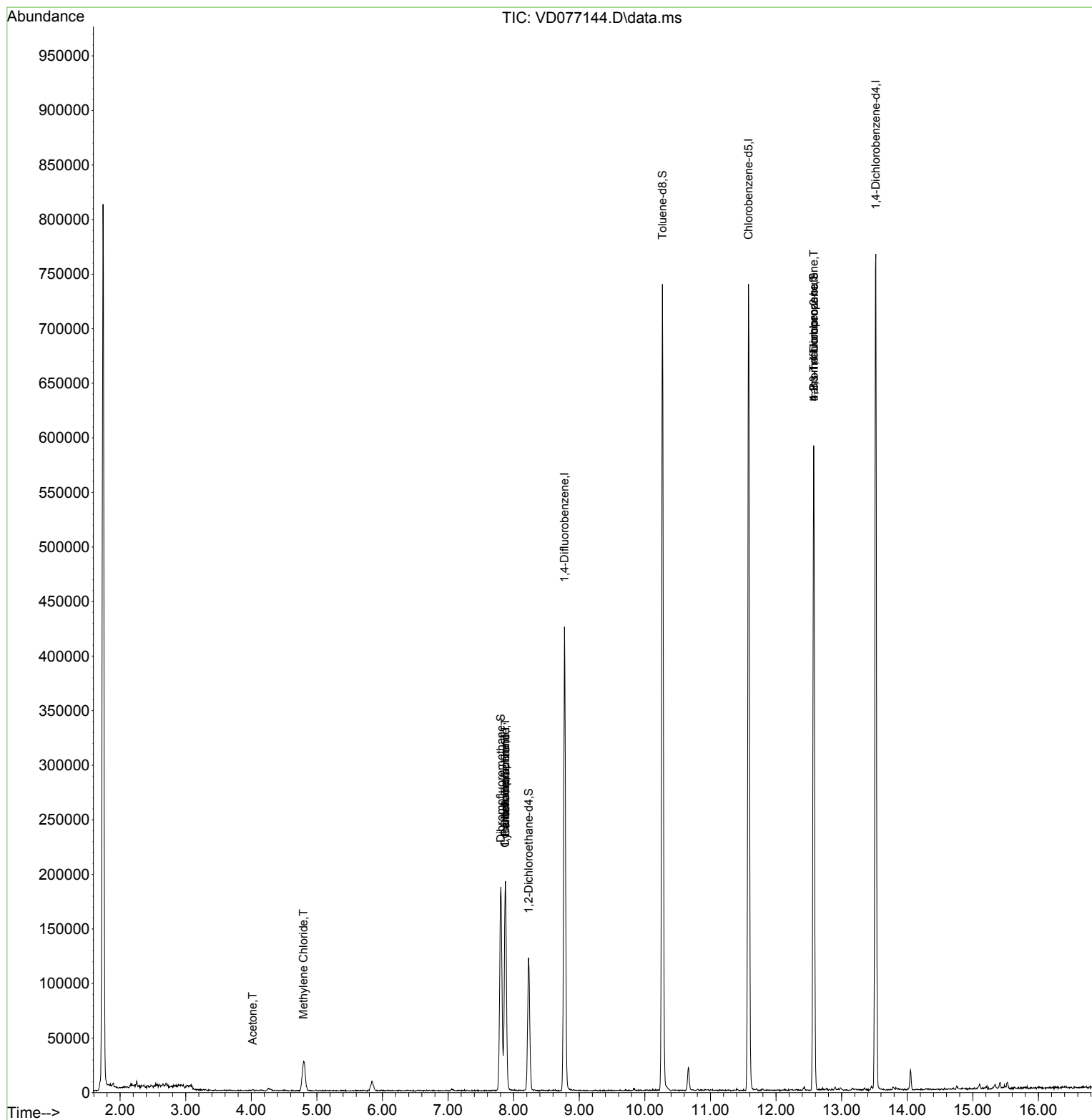
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

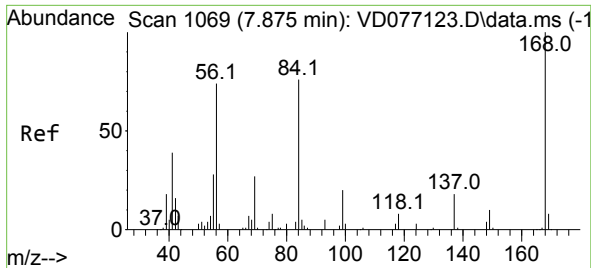
Internal Standards						
1) Pentafluorobenzene	7.875	168	151850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	387212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	449342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	218176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95473	62.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.600%	
35) Dibromofluoromethane	7.804	113	135657	50.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.269	98	511816	53.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.575	95	177196	59.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	586	1.673	ug/l #	32
20) Methylene Chloride	4.793	84	22507	4.133	ug/l #	91
31) Cyclohexane	7.869	56	2692	1.004	ug/l #	49
36) 1,1-Dichloropropene	7.869	75	11212	2.768	ug/l #	49
38) Carbon Tetrachloride	7.875	117	15189	3.815	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	90670	52.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	90670	98.613	ug/l #	17

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

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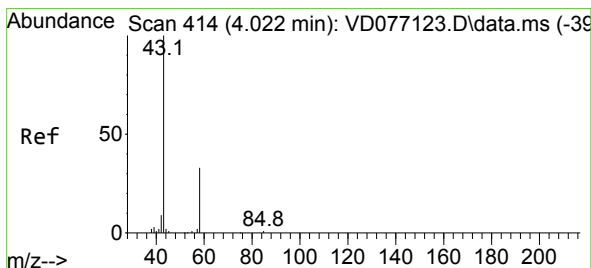
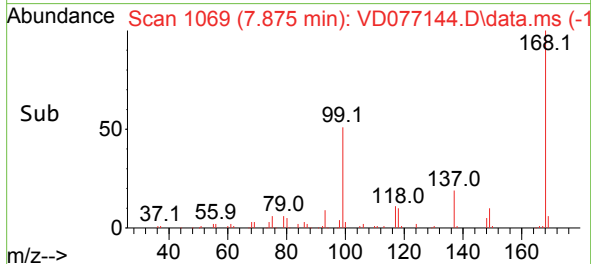
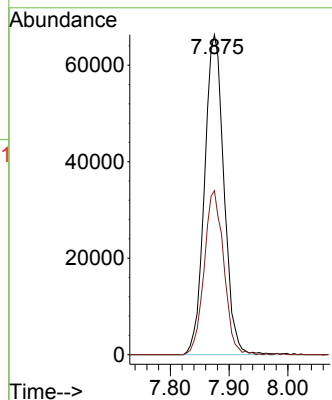
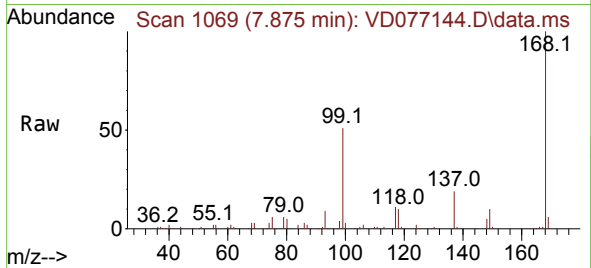
Quant Time: Sep 20 02:00:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration





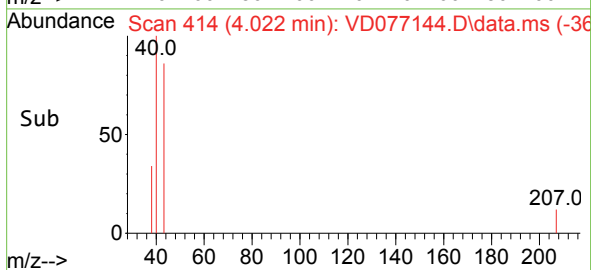
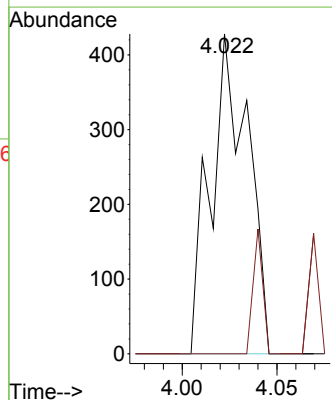
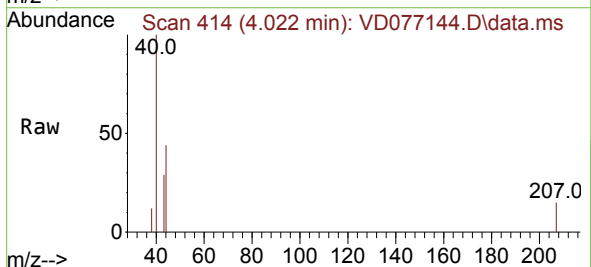
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

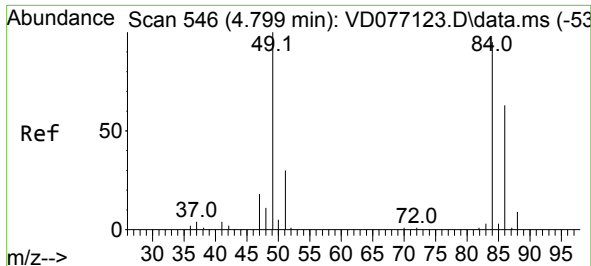
Tgt Ion:168 Resp: 151850
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#16
Acetone
Concen: 1.673 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

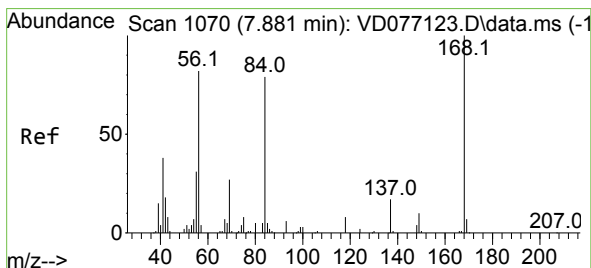
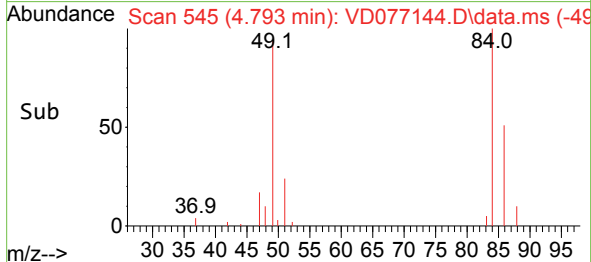
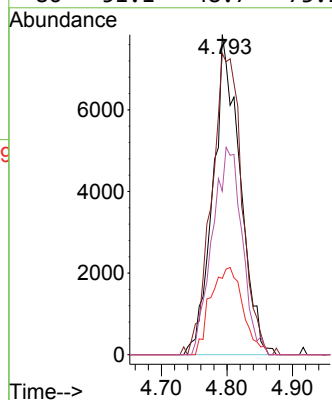
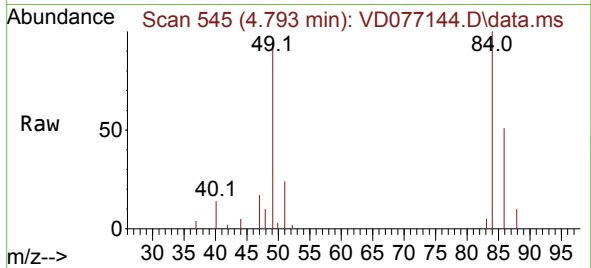
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





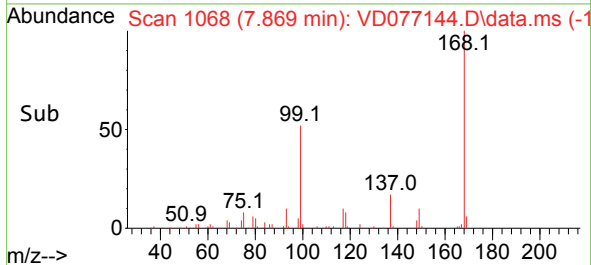
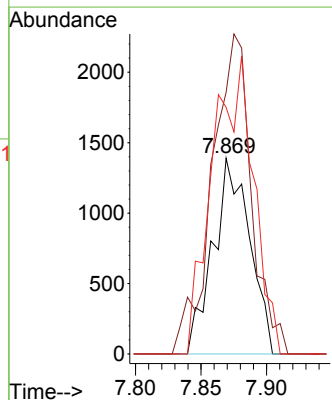
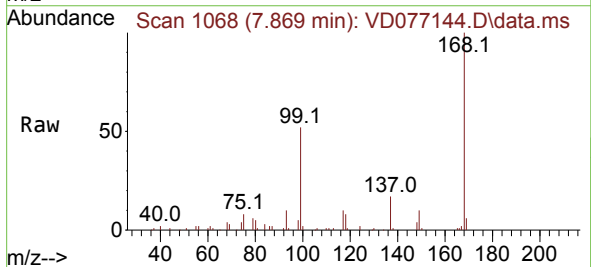
#20
Methylene Chloride
Concen: 4.133 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

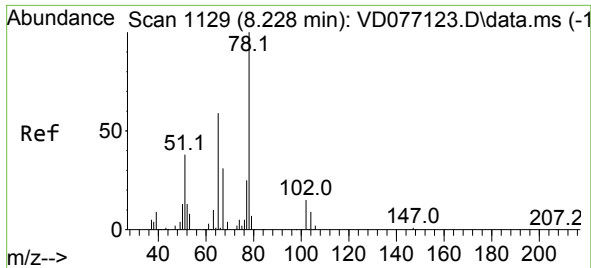
Tgt Ion	84	Resp:	22507
Ion	Ratio	Lower	Upper
84	100		
49	94.1	71.4	107.2
51	23.8	24.5	36.7#
86	51.1	48.7	73.1



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

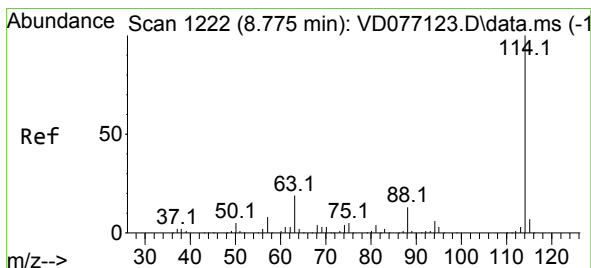
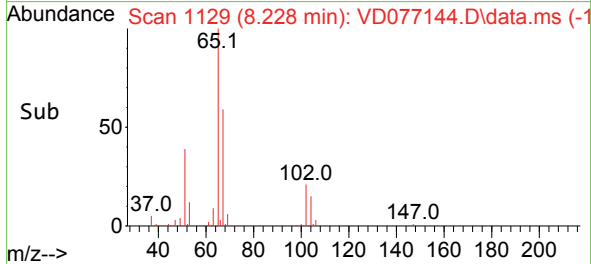
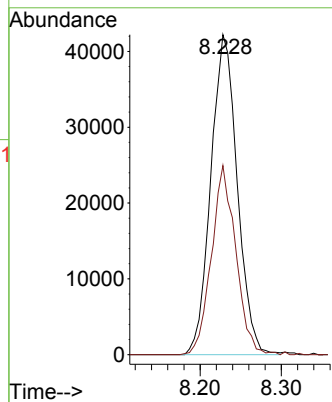
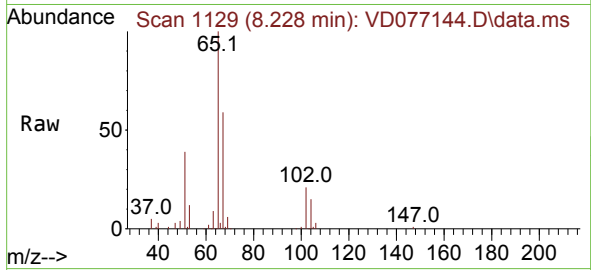
Tgt Ion	56	Resp:	2692
Ion	Ratio	Lower	Upper
56	100		
69	120.0	28.6	43.0#
84	126.1	84.8	127.2





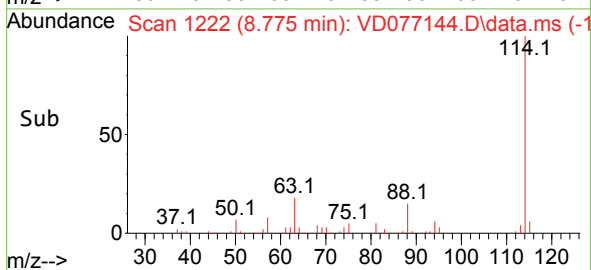
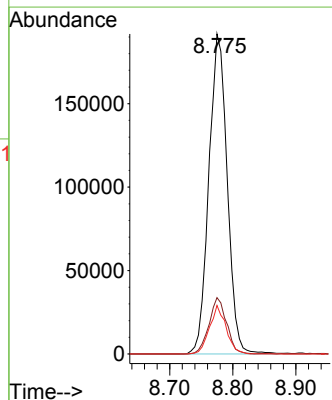
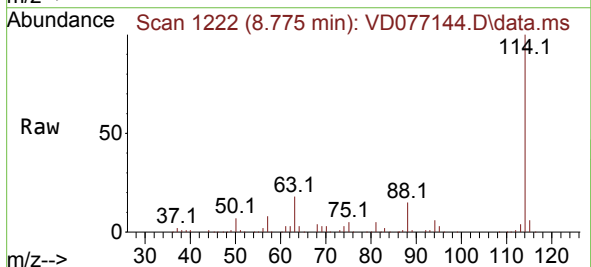
#33
1,2-Dichloroethane-d4
Concen: 62.299 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

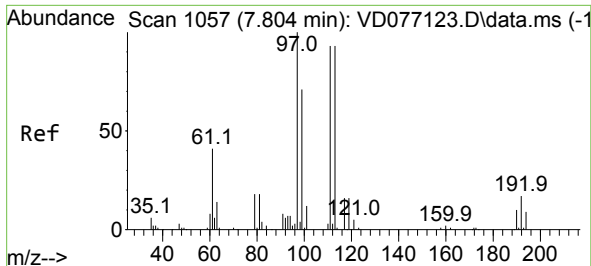
Tgt Ion: 65 Resp: 95473
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

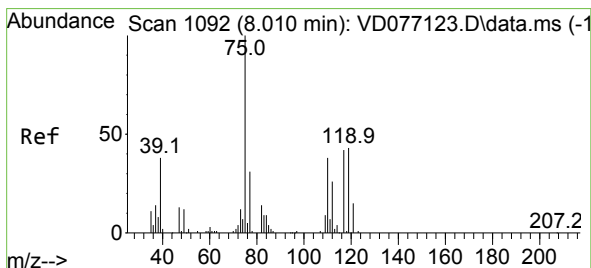
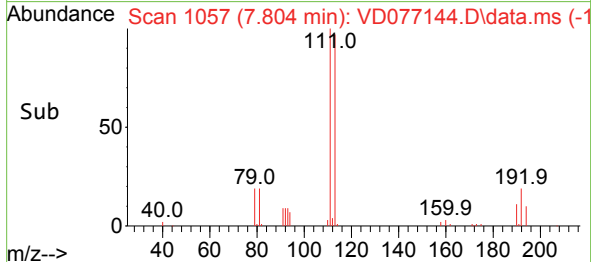
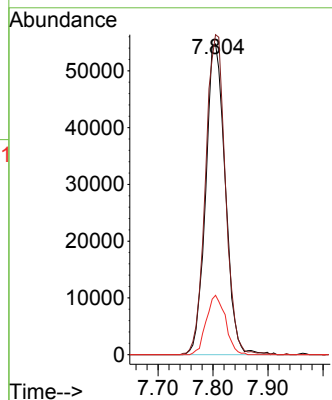
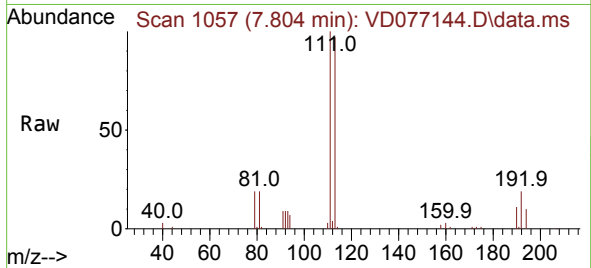
Tgt Ion: 114 Resp: 387212
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.4
88 15.2 0.0 26.2





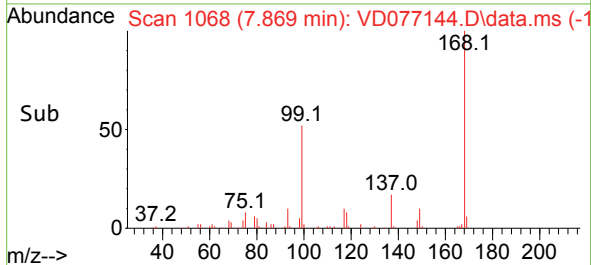
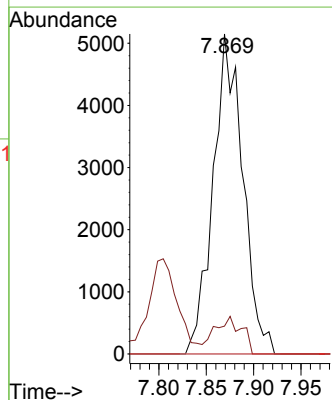
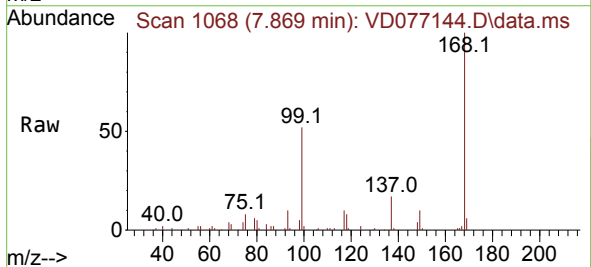
#35
Dibromofluoromethane
Concen: 50.439 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

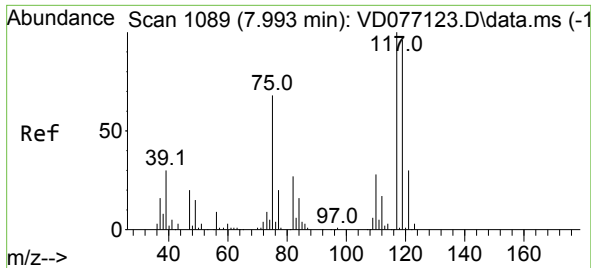
Tgt Ion:113 Resp: 135657
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.768 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

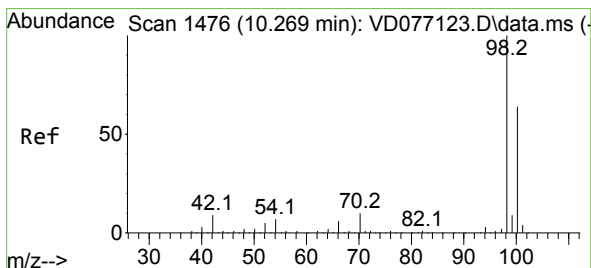
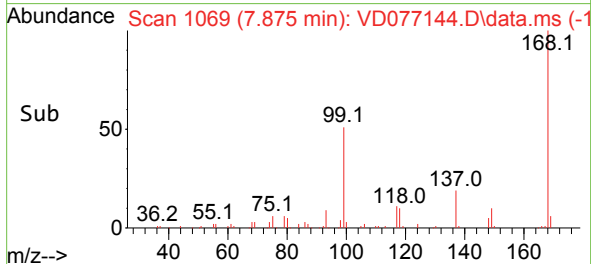
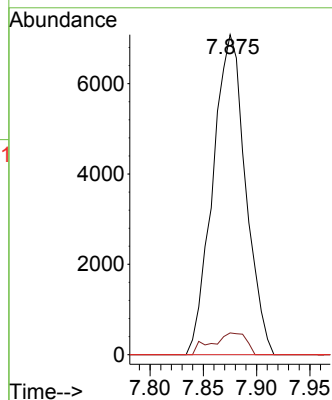
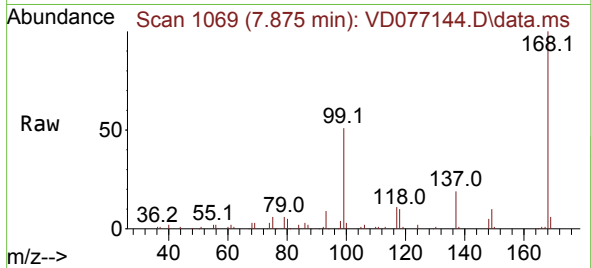
Tgt Ion: 75 Resp: 11212
Ion Ratio Lower Upper
75 100
110 10.5 19.9 59.6#
77 0.0 24.7 37.1#





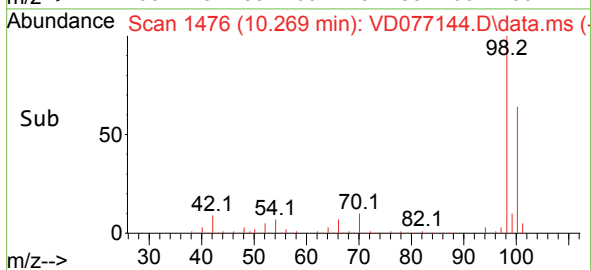
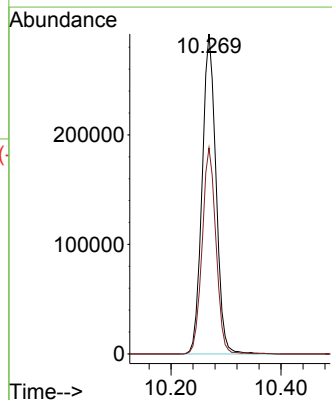
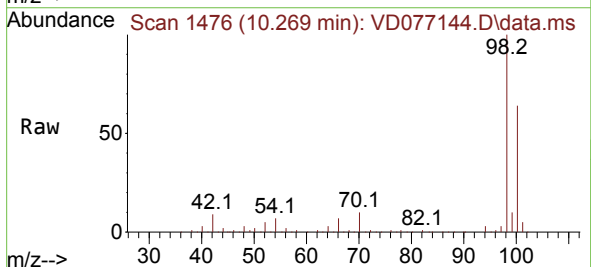
#38
Carbon Tetrachloride
Concen: 3.815 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

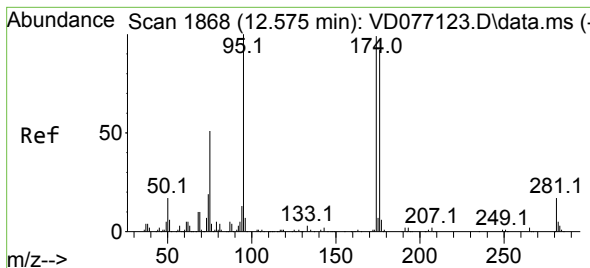
Tgt Ion:117 Resp: 15189
Ion Ratio Lower Upper
117 100
119 6.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.463 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

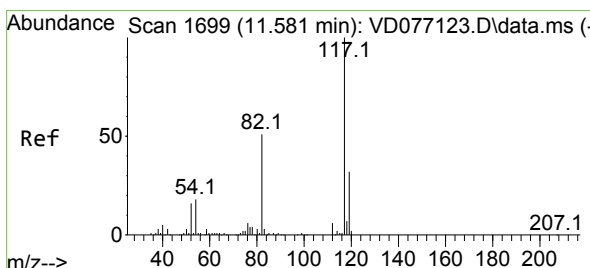
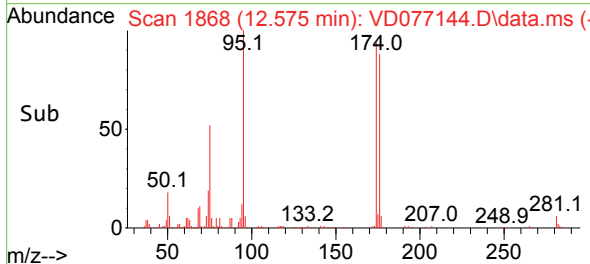
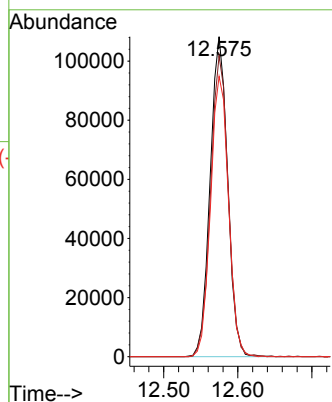
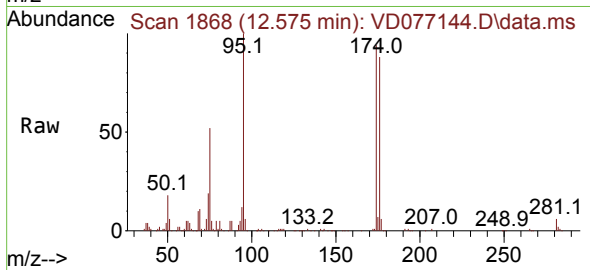
Tgt Ion: 98 Resp: 511816
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5





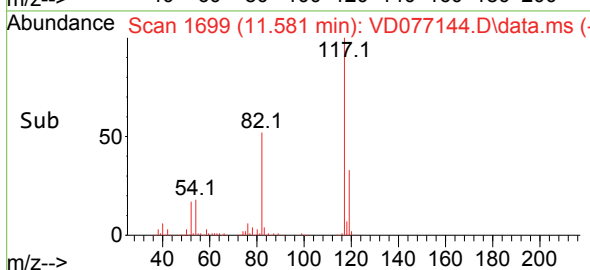
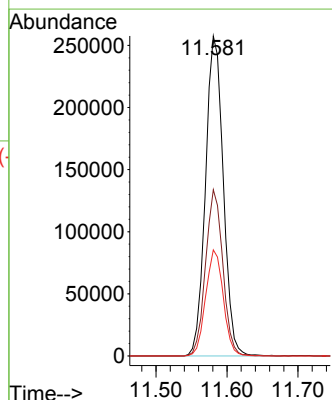
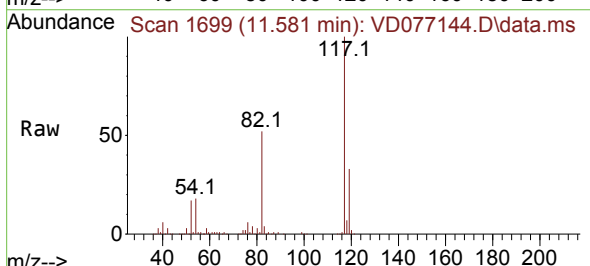
#62
4-Bromofluorobenzene
Concen: 59.719 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

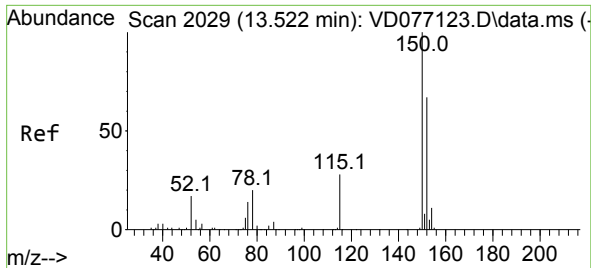
Tgt Ion:	95	Resp:	177196
Ion Ratio	Lower	Upper	
95	100		
174	94.9	0.0	201.8
176	89.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077144.D
Acq: 19 Sep 2023 11:05

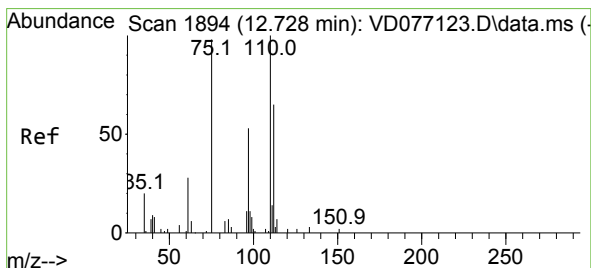
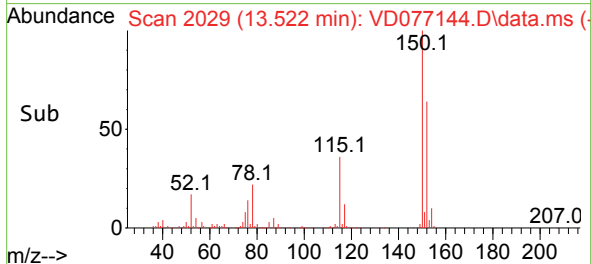
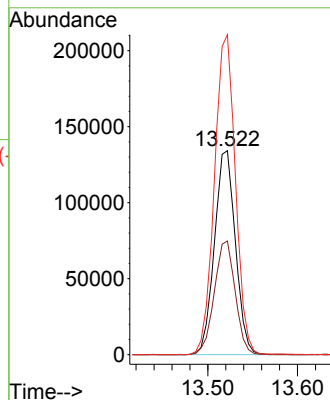
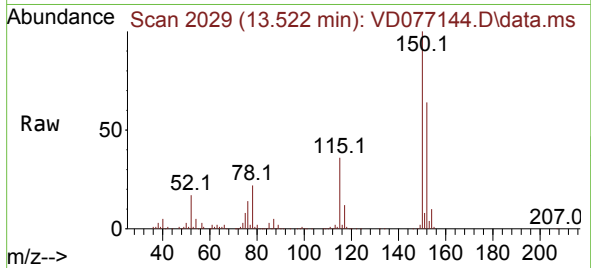
Tgt Ion:	117	Resp:	449342
Ion Ratio	Lower	Upper	
117	100		
82	52.0	38.3	57.5
119	33.2	25.0	37.4





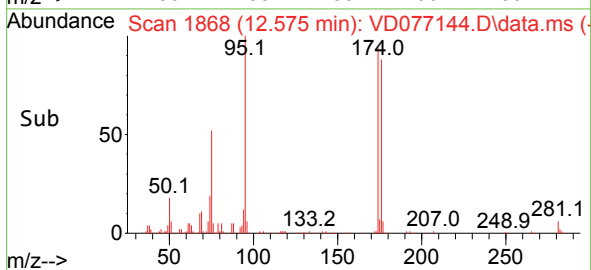
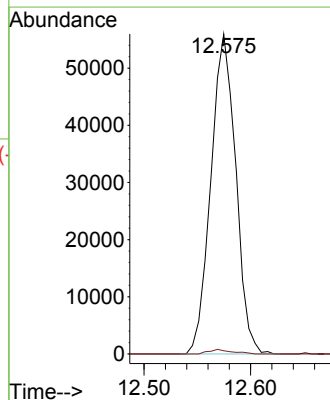
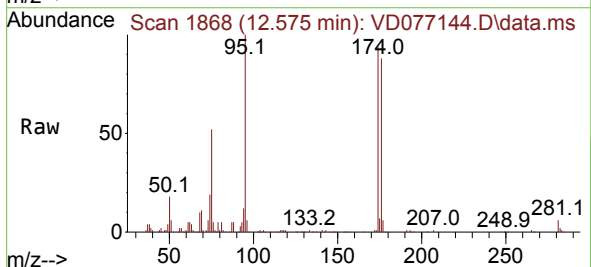
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD077144.D
 Acq: 19 Sep 2023 11:05

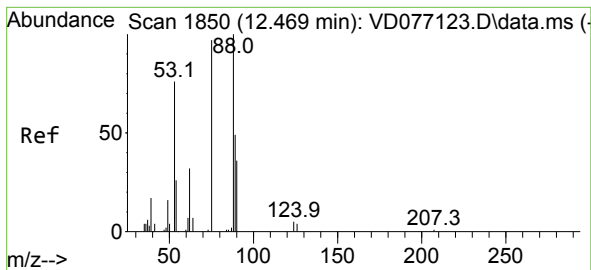
Tgt Ion:152 Resp: 218176
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 156.8 0.0 353.6



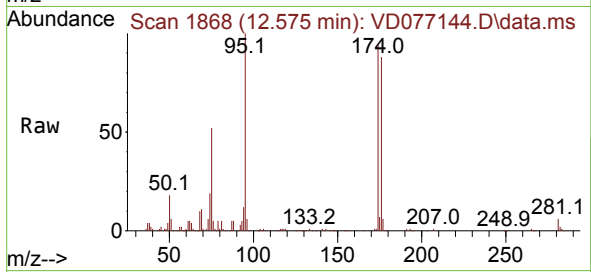
#76
 1,2,3-Trichloropropane
 Concen: 52.099 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077144.D
 Acq: 19 Sep 2023 11:05

Tgt Ion: 75 Resp: 90670
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.613 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077144.D
 Acq: 19 Sep 2023 11:05



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.2	37.9	56.9#

