

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077150.D
 Acq On : 19 Sep 2023 16:59
 Operator : JC/SY
 Sample : 04434-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 20 02:03:46 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

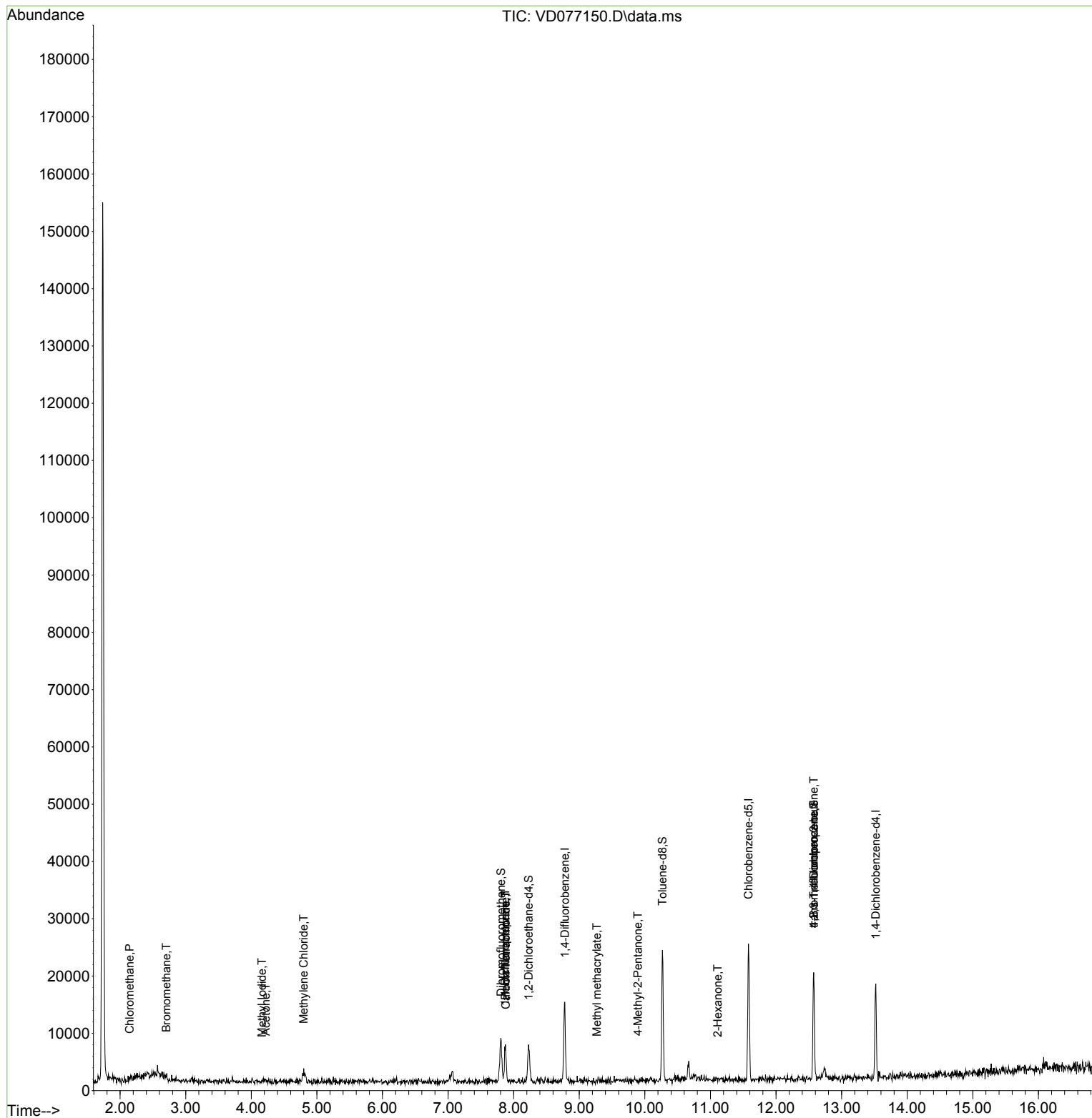
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

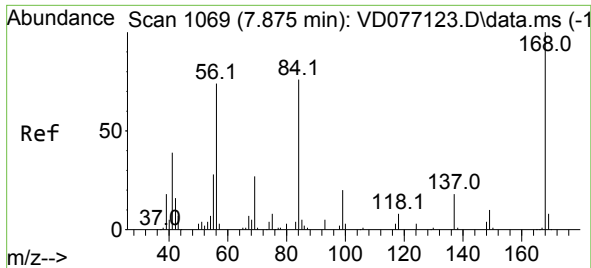
Internal Standards						
1) Pentafluorobenzene	7.875	168	5482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	13841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5098	92.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.300%#	
35) Dibromofluoromethane	7.810	113	5379	55.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.900%	
50) Toluene-d8	10.269	98	17093	49.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.575	95	5466	51.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.080%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	296	2.827	ug/l #	41
5) Bromomethane	2.705	94	572	7.011	ug/l	99
10) Methyl Iodide	4.163	142	143	1.580	ug/l #	46
16) Acetone	4.222	43	55	4.350	ug/l #	32
20) Methylene Chloride	4.799	84	1167	9.097	ug/l #	92
36) 1,1-Dichloropropene	7.869	75	212	1.464	ug/l #	39
38) Carbon Tetrachloride	7.881	117	546	3.837	ug/l #	11
48) Methyl methacrylate	9.269	41	57	1.227	ug/l #	1
51) 4-Methyl-2-Pentanone	9.893	43	56	1.047	ug/l #	28
59) 2-Hexanone	11.110	43	58	1.511	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	2938	67.532	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2938	127.825	ug/l #	17

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

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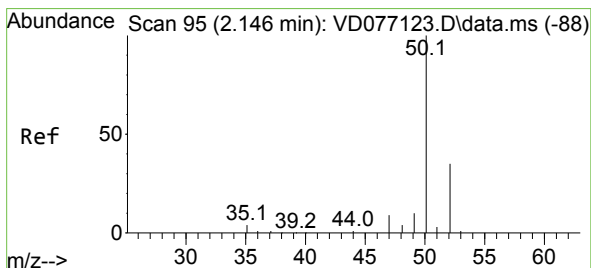
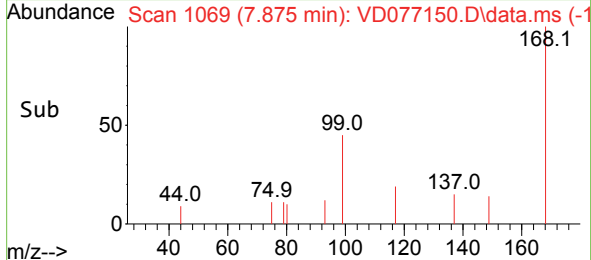
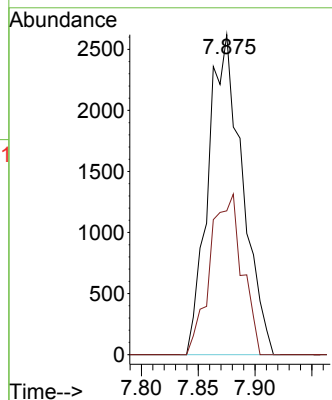
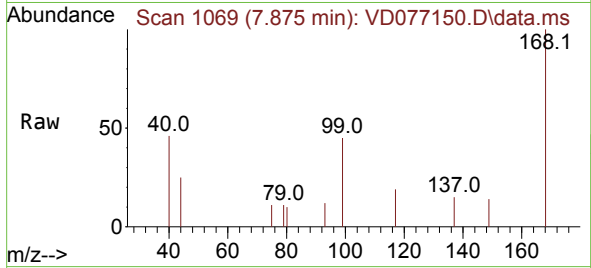
Quant Time: Sep 20 02:03:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration





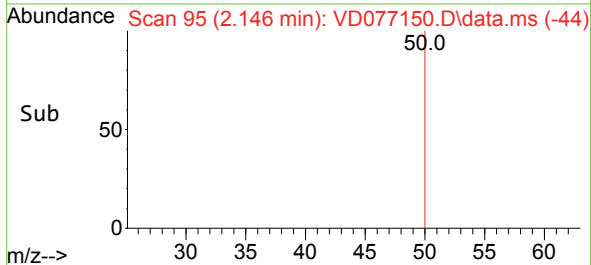
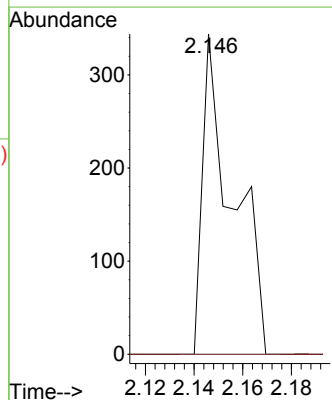
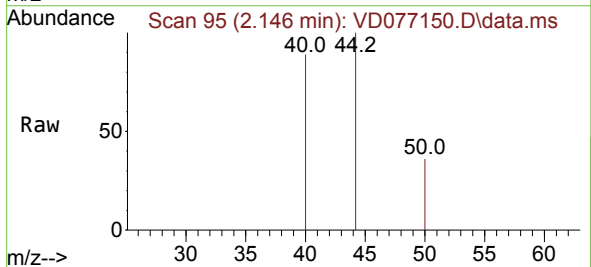
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

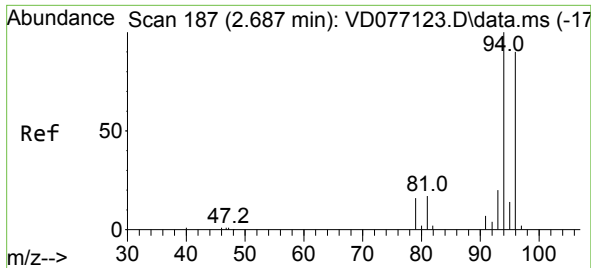
Tgt Ion:168 Resp: 5482
Ion Ratio Lower Upper
168 100
99 45.0 36.7 55.1



#3
Chloromethane
Concen: 2.827 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

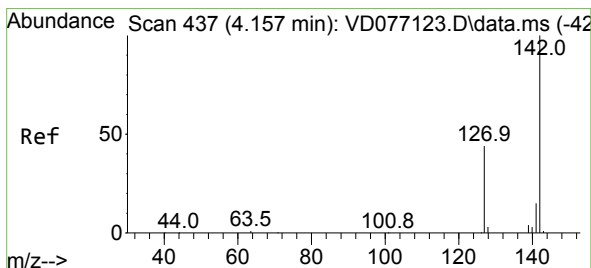
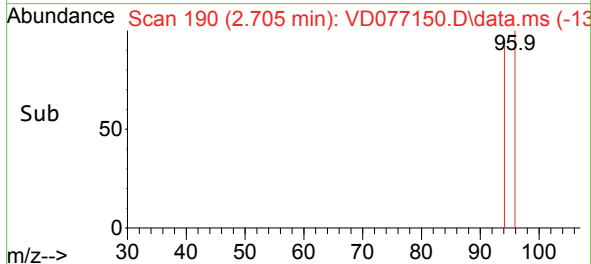
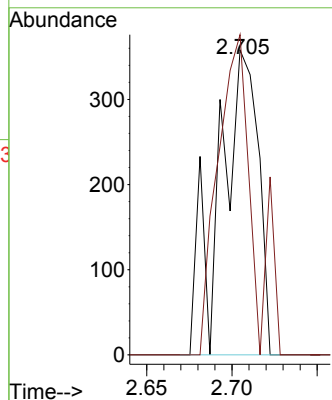
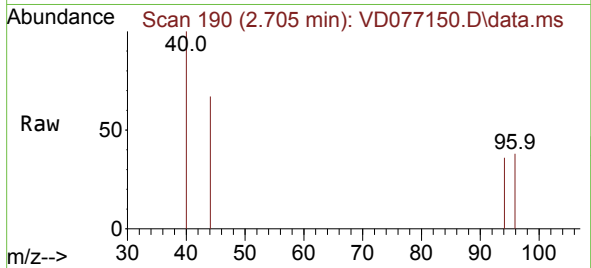
Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





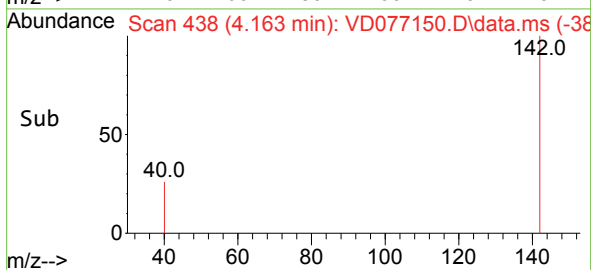
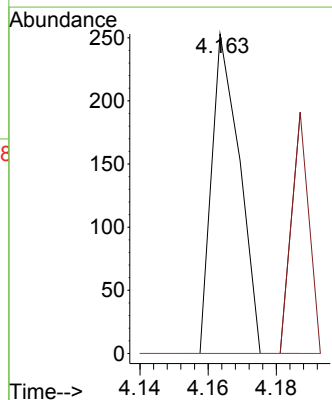
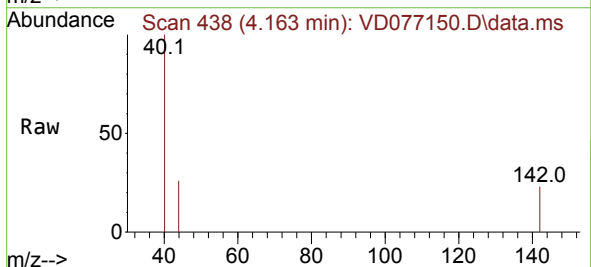
#5
Bromomethane
Concen: 7.011 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

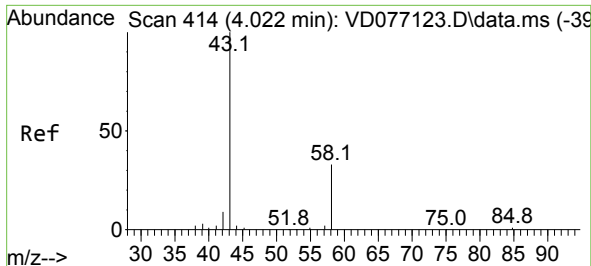
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#10
Methyl Iodide
Concen: 1.580 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

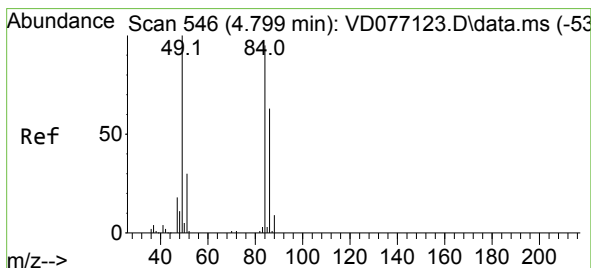
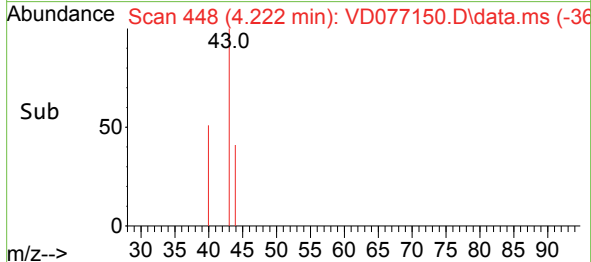
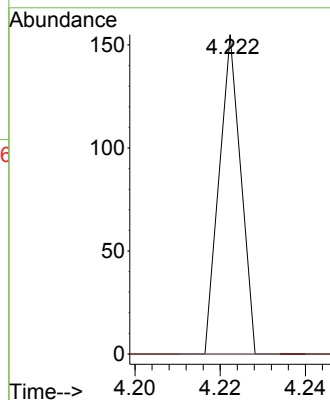
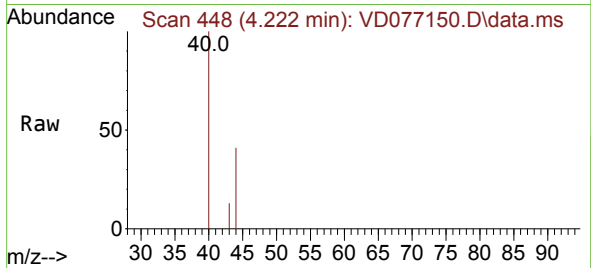
Tgt Ion: 142 Resp: 143
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#





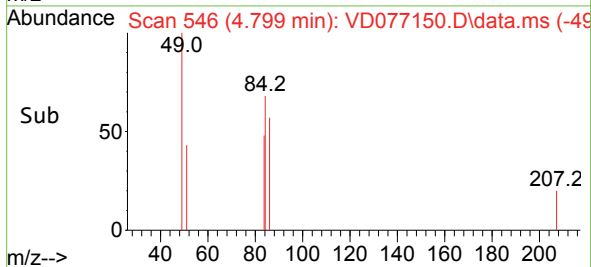
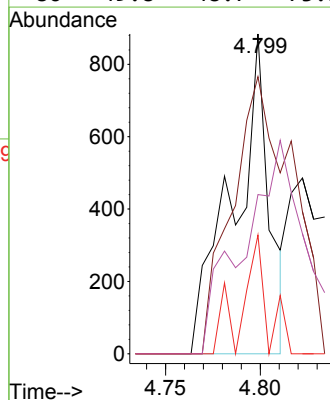
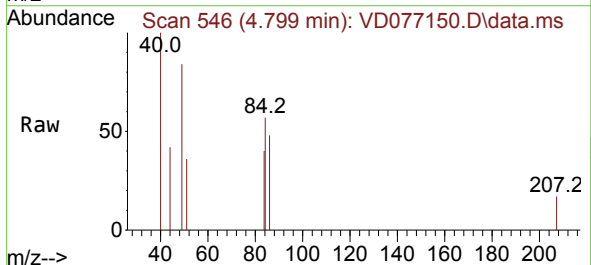
#16
Acetone
Concen: 4.350 ug/l
RT: 4.222 min Scan# 448
Delta R.T. 0.200 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

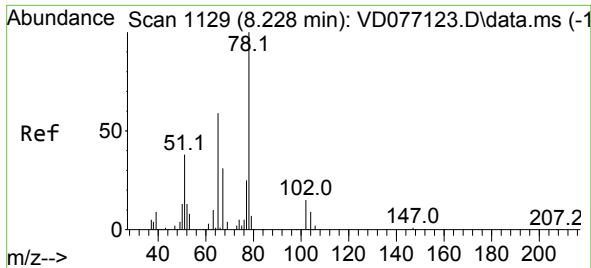
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 9.097 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

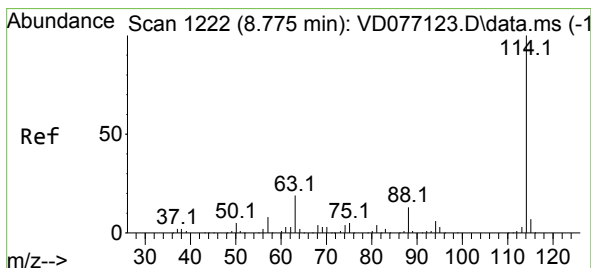
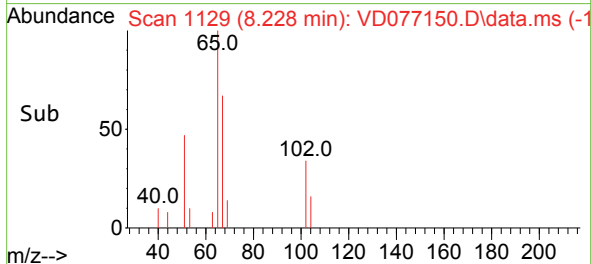
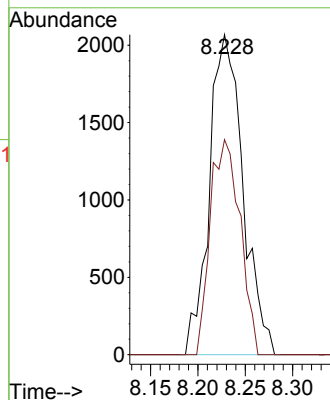
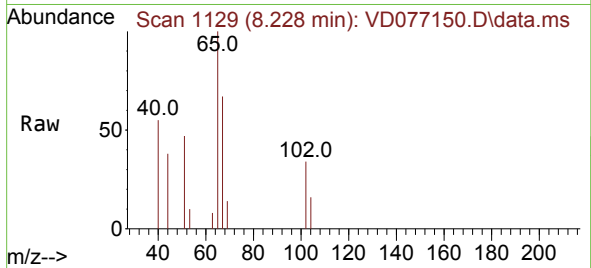
Tgt Ion: 84 Resp: 1167
Ion Ratio Lower Upper
84 100
49 86.7 71.4 107.2
51 37.1 24.5 36.7#
86 49.8 48.7 73.1





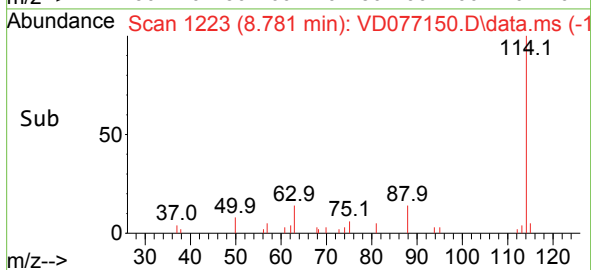
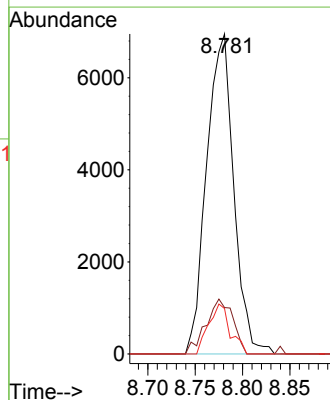
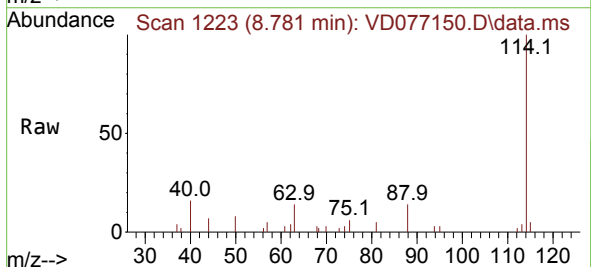
#33
1,2-Dichloroethane-d4
Concen: 92.146 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

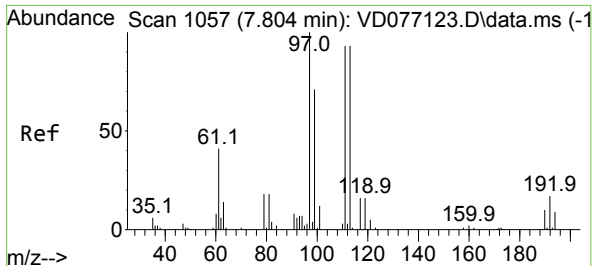
Tgt Ion: 65 Resp: 5098
Ion Ratio Lower Upper
65 100
67 59.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

Tgt Ion: 114 Resp: 13841
Ion Ratio Lower Upper
114 100
63 14.5 0.0 33.4
88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.950 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077150.D

Acq: 19 Sep 2023 16:59

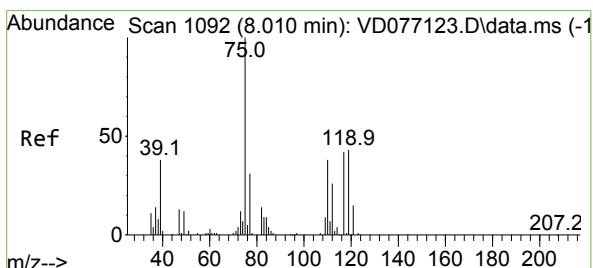
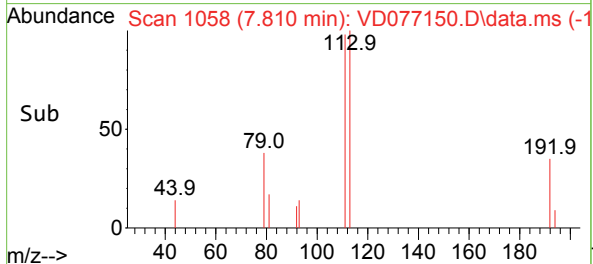
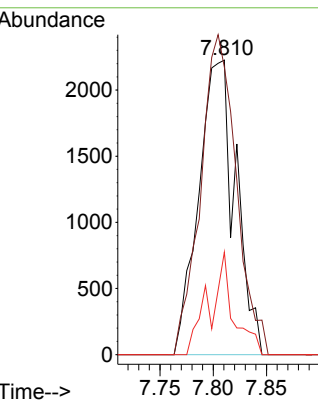
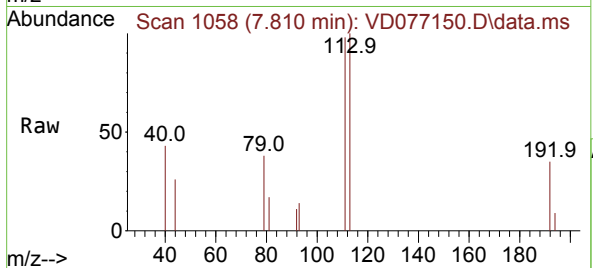
Tgt Ion:113 Resp: 5379

Ion Ratio Lower Upper

113 100

111 105.2 84.7 127.1

192 22.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 1.464 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD077150.D

Acq: 19 Sep 2023 16:59

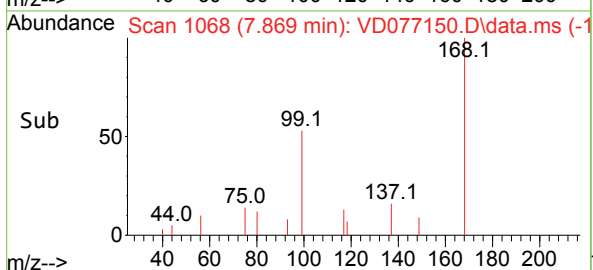
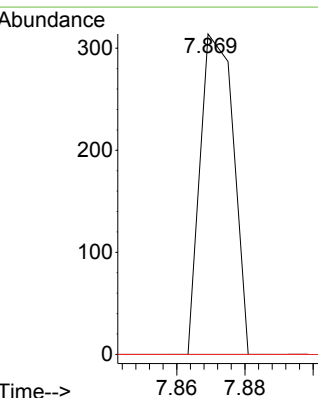
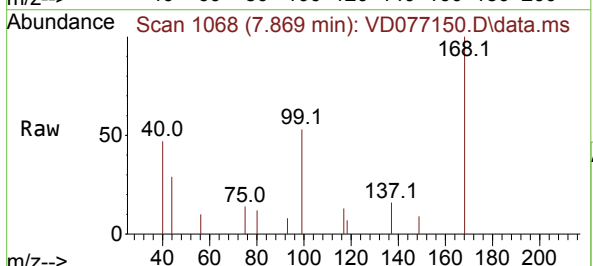
Tgt Ion: 75 Resp: 212

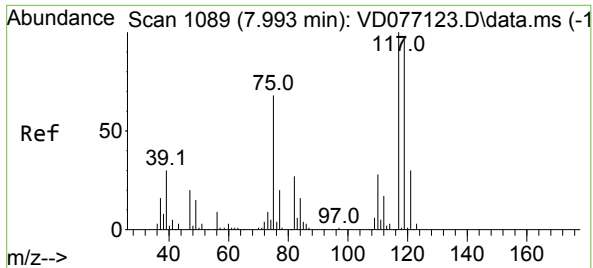
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

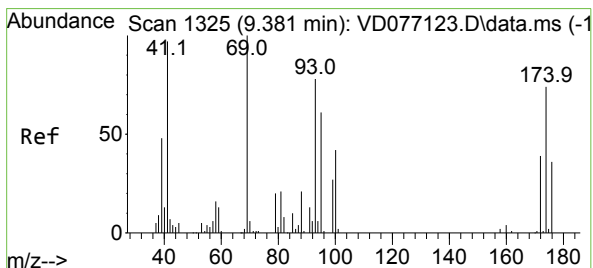
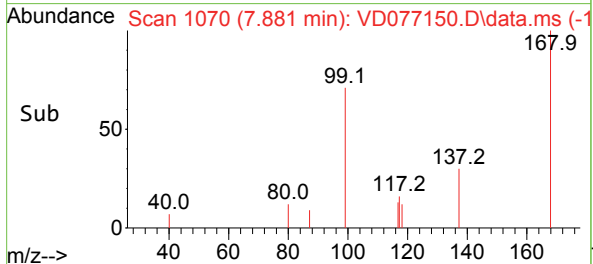
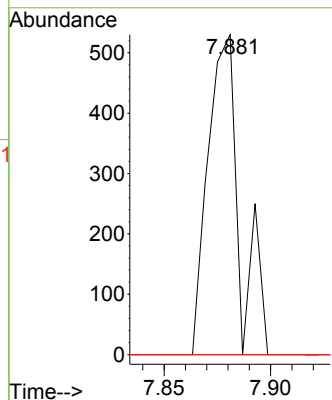
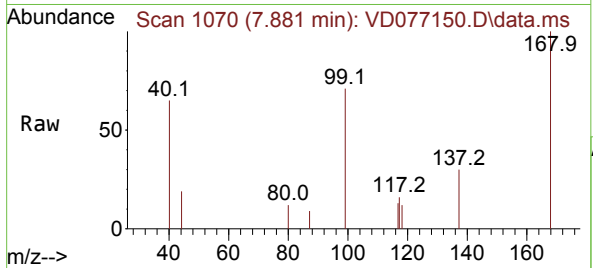
77 0.0 24.7 37.1#





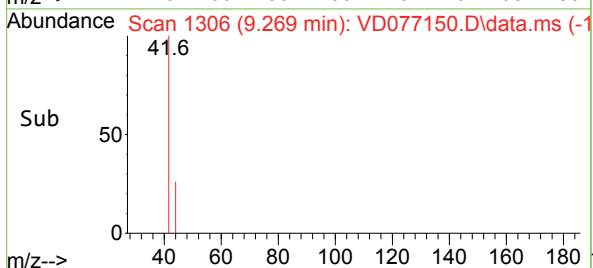
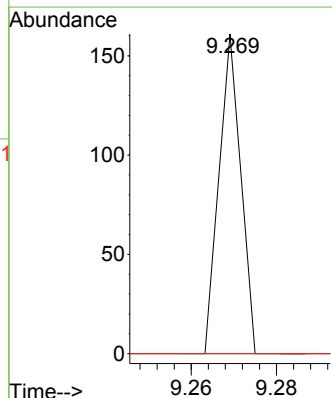
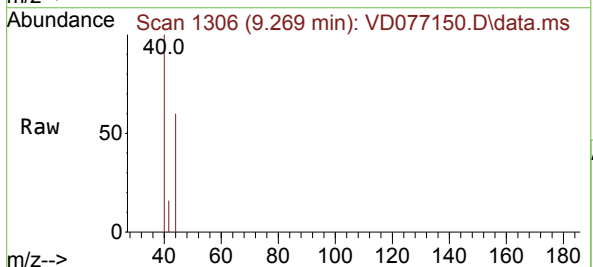
#38
Carbon Tetrachloride
Concen: 3.837 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

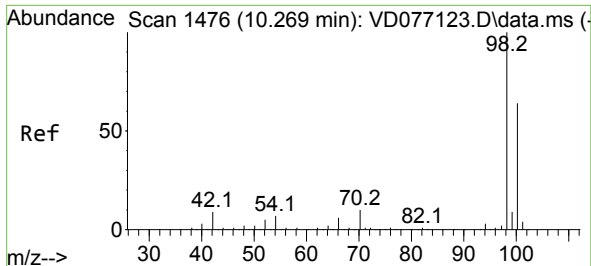
Tgt Ion: 117 Resp: 546
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#48
Methyl methacrylate
Concen: 1.227 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.112 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

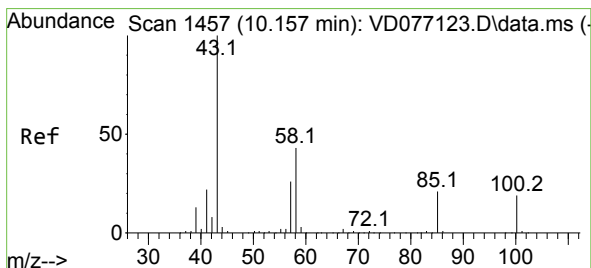
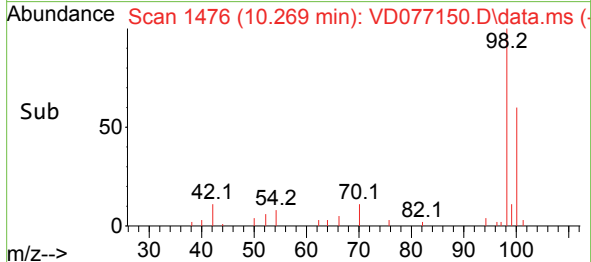
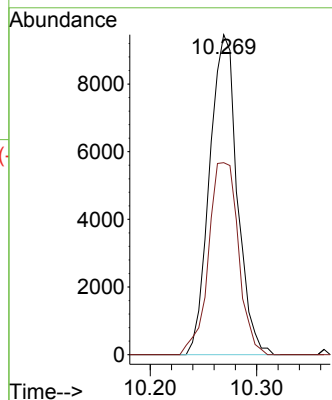
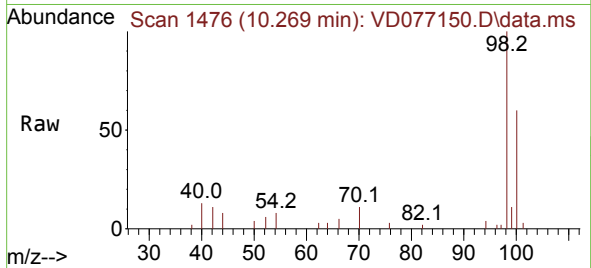
Tgt Ion: 41 Resp: 57
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 0.0 41.4 62.2#





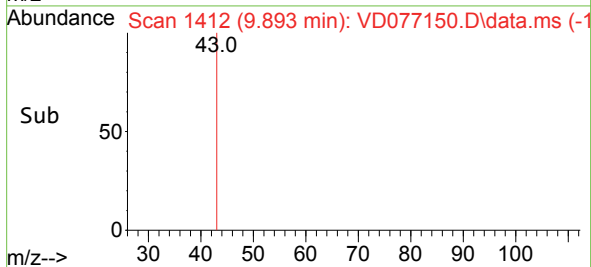
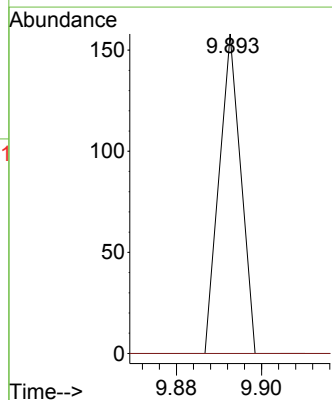
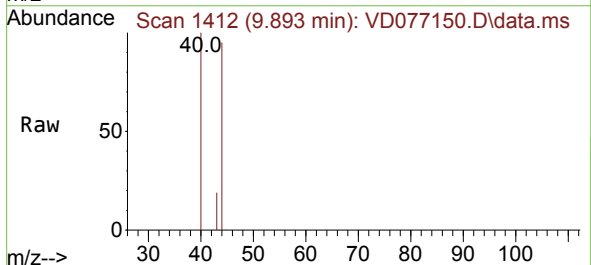
#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

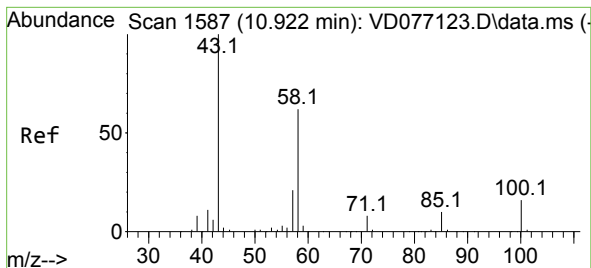
Tgt Ion: 98 Resp: 17093
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.047 ug/l
RT: 9.893 min Scan# 1412
Delta R.T. -0.265 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

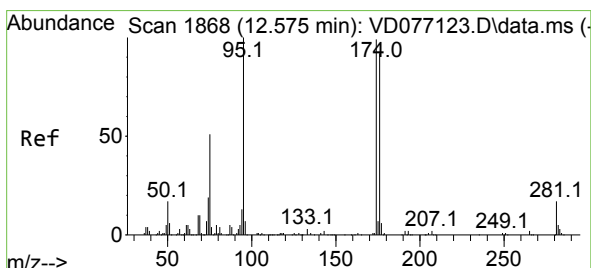
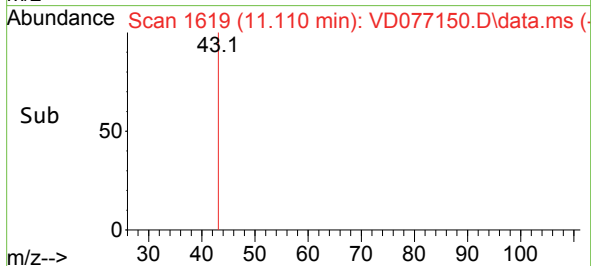
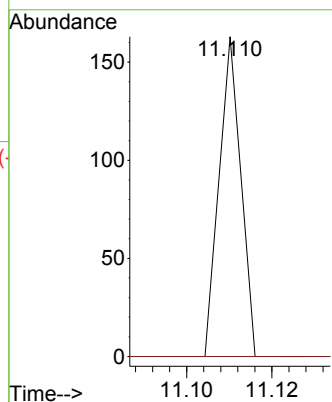
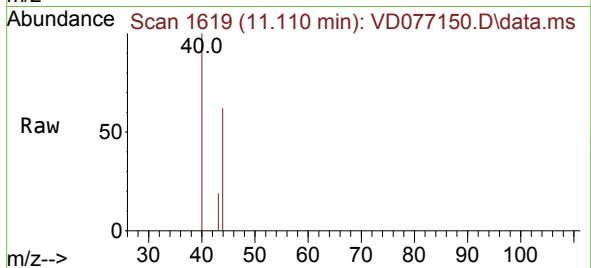
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#





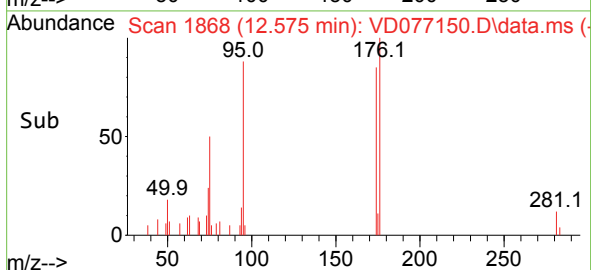
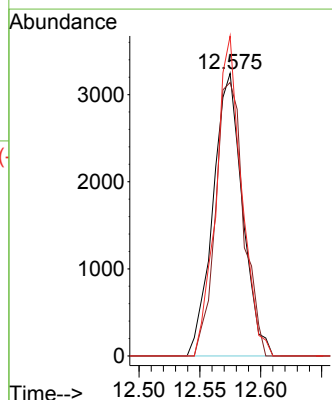
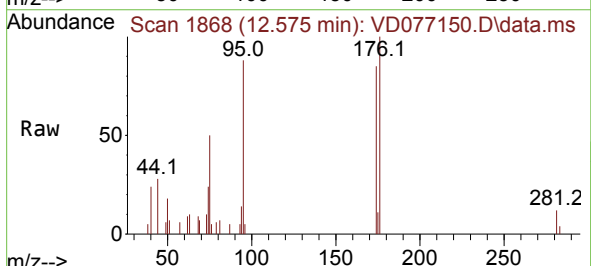
#59
2-Hexanone
Concen: 1.511 ug/l
RT: 11.110 min Scan# 1619
Delta R.T. 0.188 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

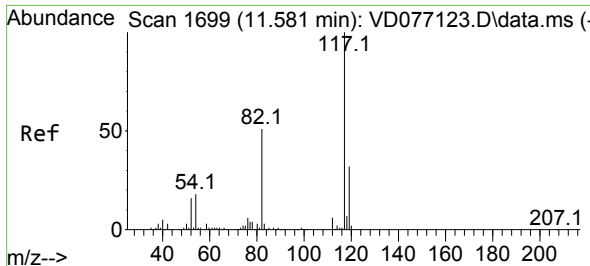
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 51.536 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

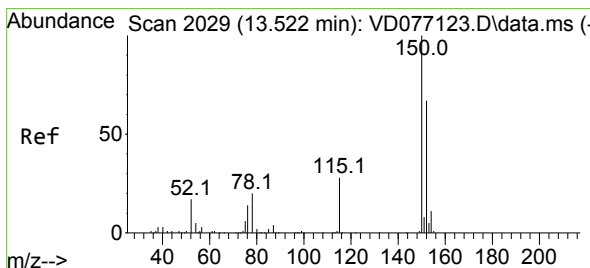
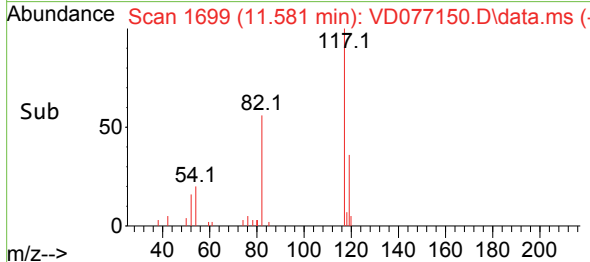
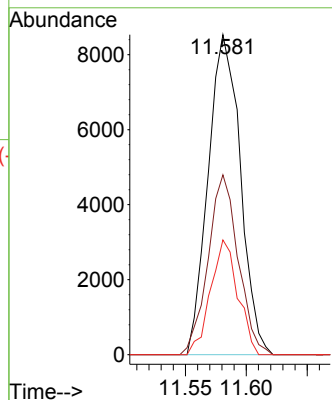
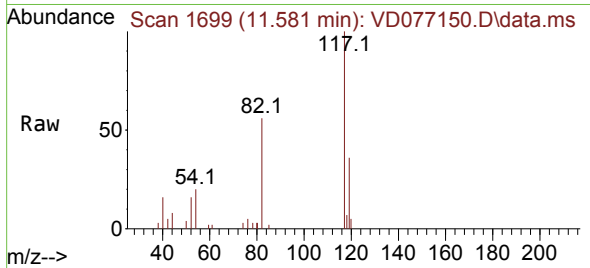
Tgt Ion: 95 Resp: 5466
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 98.5 0.0 191.8





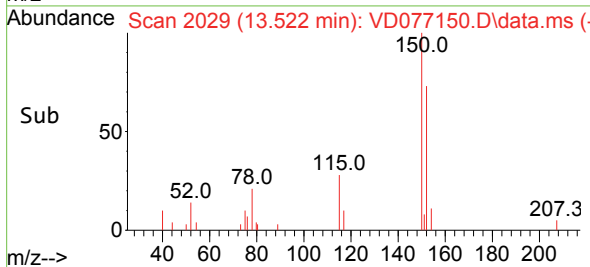
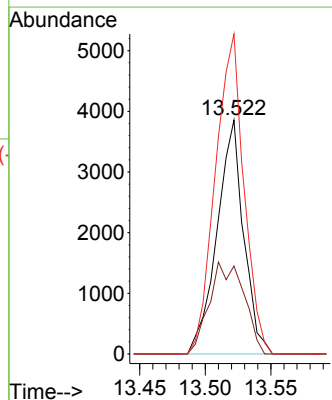
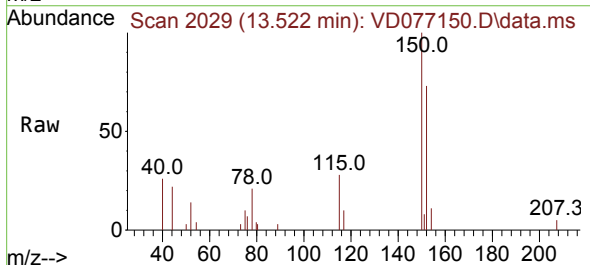
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

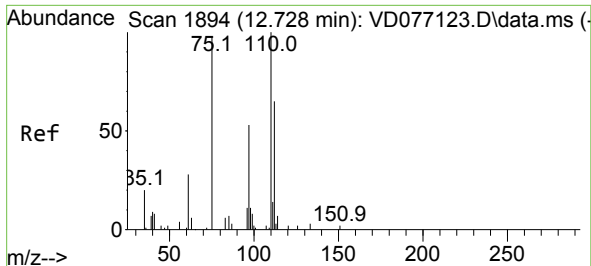
Tgt Ion:	117	Resp:	15655
Ion Ratio	Lower	Upper	
117	100		
82	56.2	38.3	57.5
119	35.8	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

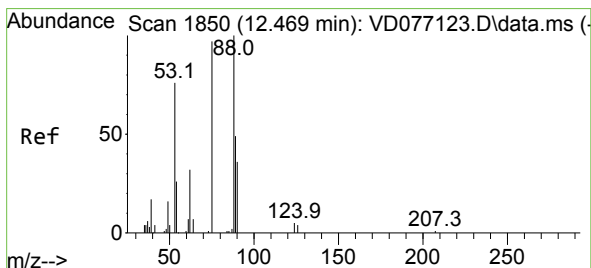
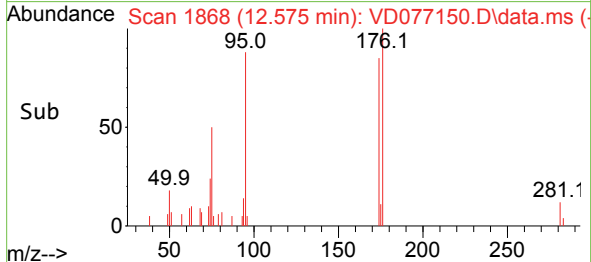
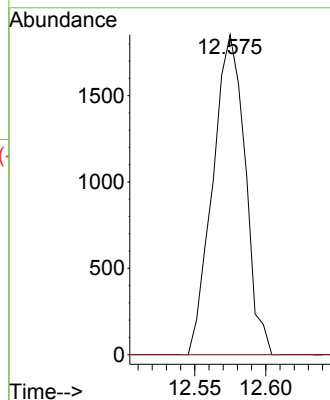
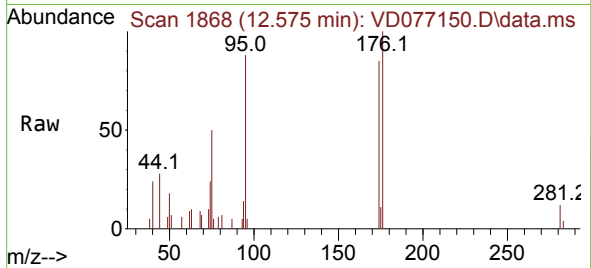
Tgt Ion:	152	Resp:	5454
Ion Ratio	Lower	Upper	
152	100		
115	50.9	27.1	81.3
150	146.3	0.0	353.6





#76
1,2,3-Trichloropropane
Concen: 67.532 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 127.825 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077150.D
Acq: 19 Sep 2023 16:59

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

