

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077155.D
 Acq On : 19 Sep 2023 19:20
 Operator : JC/SY
 Sample : 04491-07
 Misc : 6.15G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 02:05:45 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

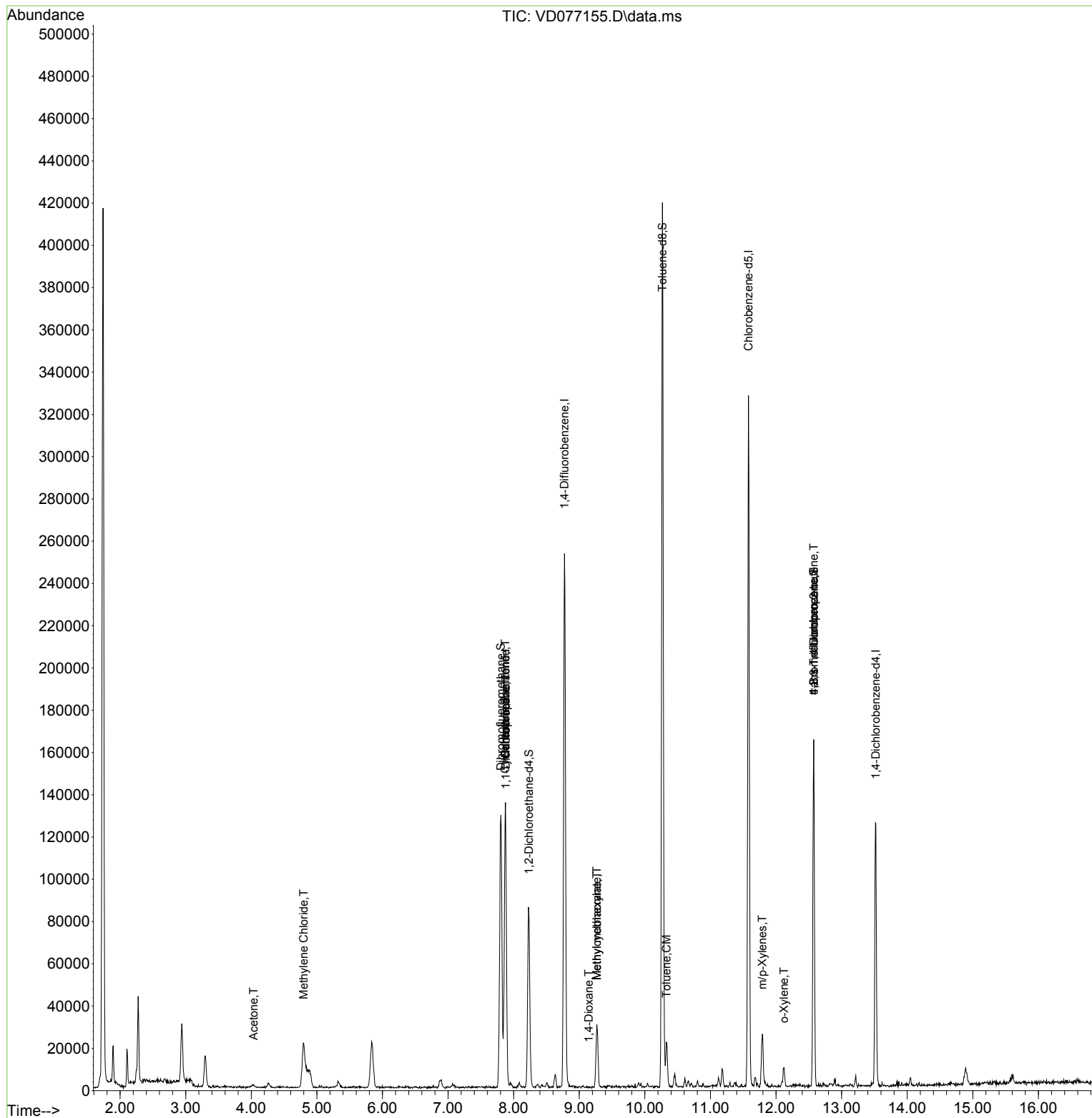
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

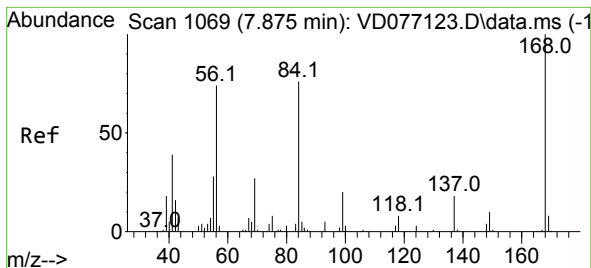
Internal Standards						
1) Pentafluorobenzene	7.875	168	97348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64364	65.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.020%			
35) Dibromofluoromethane	7.804	113	94750	57.867	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.740%			
50) Toluene-d8	10.269	98	295307	50.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.575	95	48134	26.646	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 53.300%			
Target Compounds						Qvalue
16) Acetone	4.034	43	2091	9.312	ug/l #	71
20) Methylene Chloride	4.799	84	15729	5.159	ug/l	93
31) Cyclohexane	7.869	56	7021	4.085	ug/l #	80
36) 1,1-Dichloropropene	7.881	75	7314	2.966	ug/l #	47
38) Carbon Tetrachloride	7.875	117	9295	3.835	ug/l #	17
39) Methylcyclohexane	9.269	83	11603	4.090	ug/l	88
48) Methyl methacrylate	9.269	41	4317	5.454	ug/l #	49
49) 1,4-Dioxane	9.145	88	61	6.276	ug/l #	33
52) Toluene	10.328	92	9452	1.937	ug/l	93
68) m/p-Xylenes	11.792	106	7649	2.420	ug/l	88
69) o-Xylene	12.122	106	2977	1.026	ug/l	97
76) 1,2,3-Trichloropropane	12.575	75	24934	83.072	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24934	157.239	ug/l #	17

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

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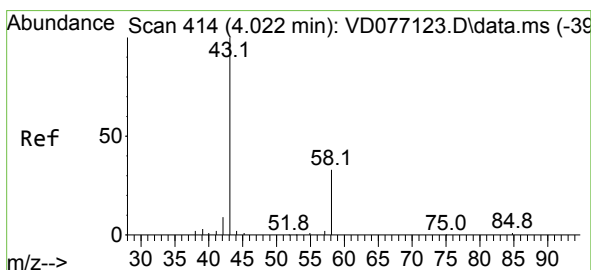
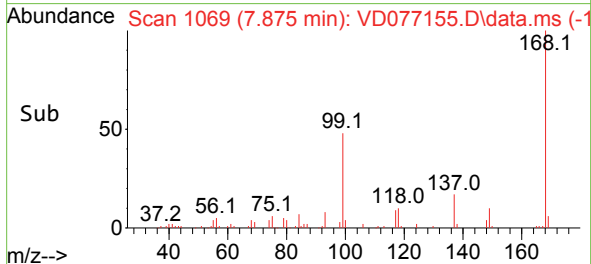
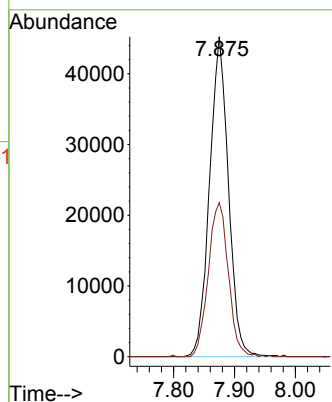
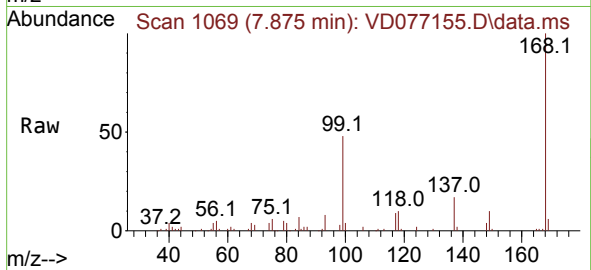
Quant Time: Sep 20 02:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
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QLast Update : Tue Sep 19 04:46:37 2023
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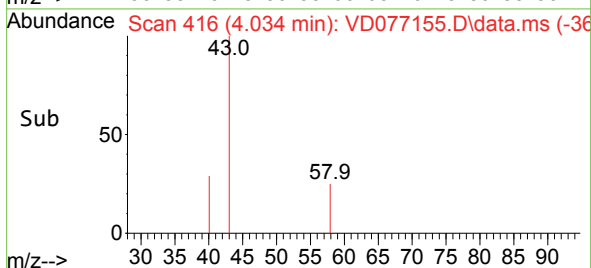
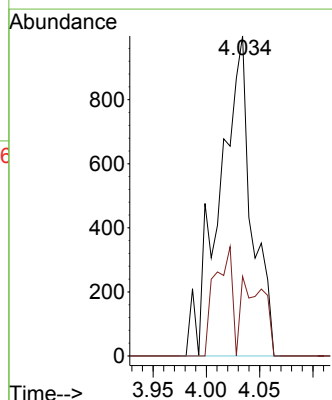
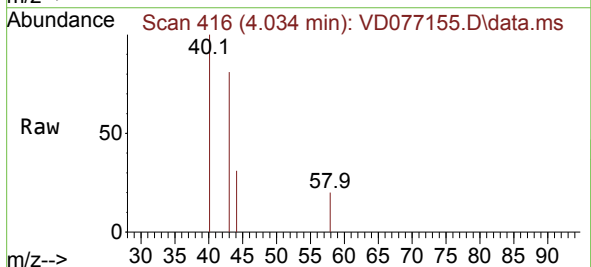
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

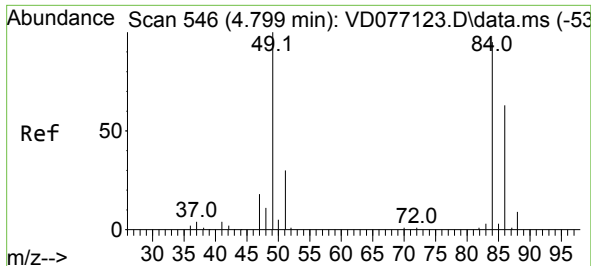
Tgt Ion:168 Resp: 97348
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#16
Acetone
Concen: 9.312 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

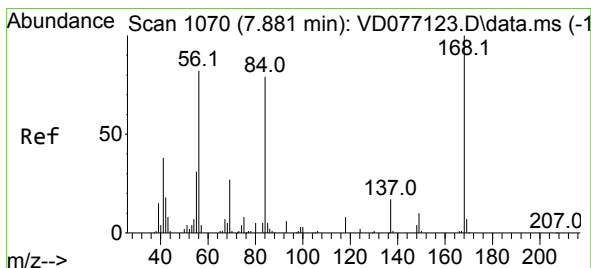
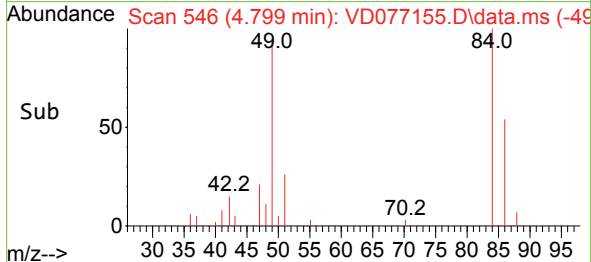
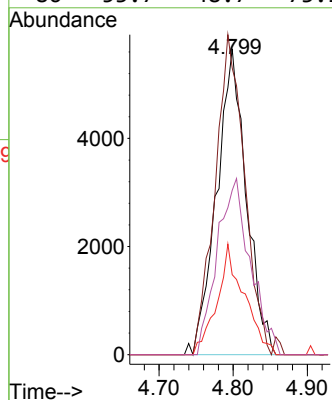
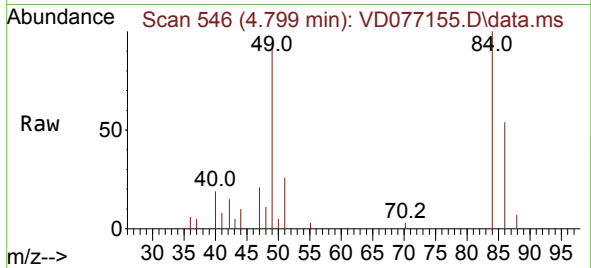
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
58 24.8 34.7 52.1#





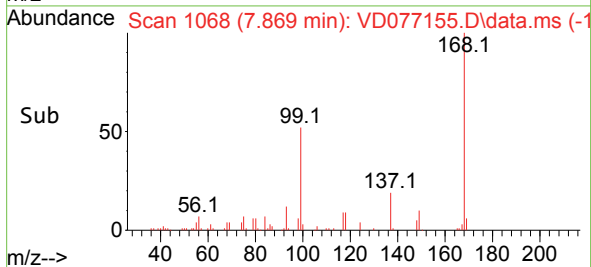
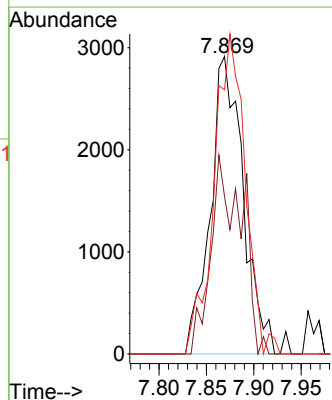
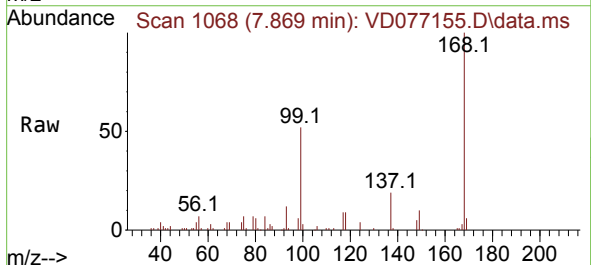
#20
Methylene Chloride
Concen: 5.159 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

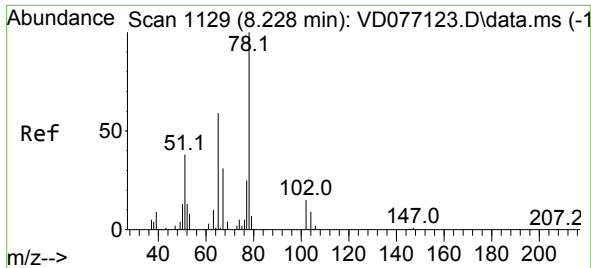
Tgt Ion:	84	Resp:	15729
Ion	Ratio	Lower	Upper
84	100		
49	93.7	71.4	107.2
51	26.2	24.5	36.7
86	53.7	48.7	73.1



#31
Cyclohexane
Concen: 4.085 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

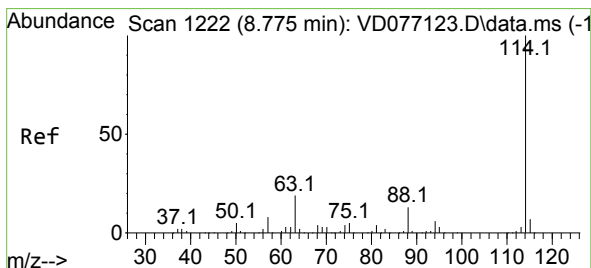
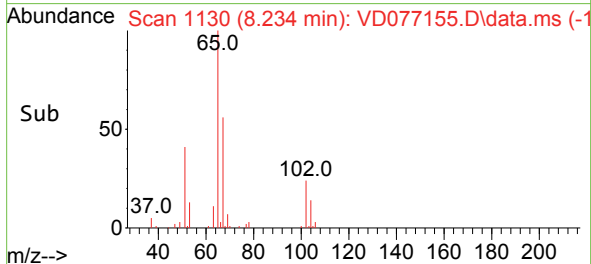
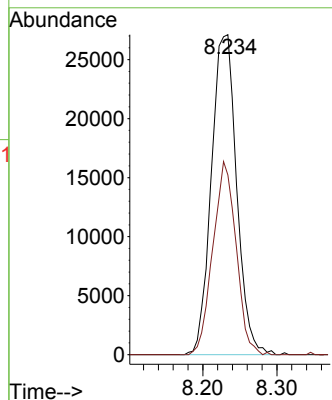
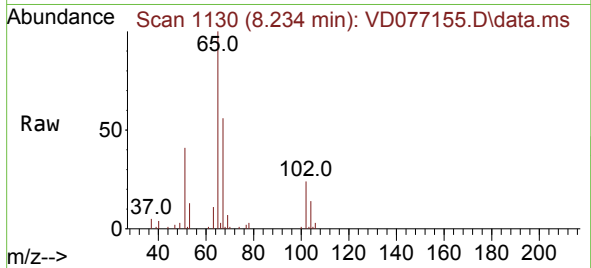
Tgt Ion:	56	Resp:	7021
Ion	Ratio	Lower	Upper
56	100		
69	52.9	28.6	43.0#
84	88.7	84.8	127.2





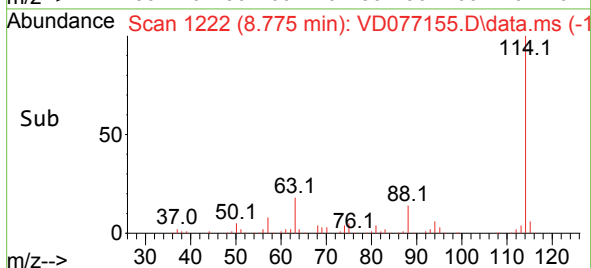
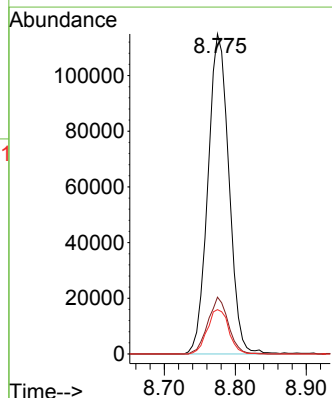
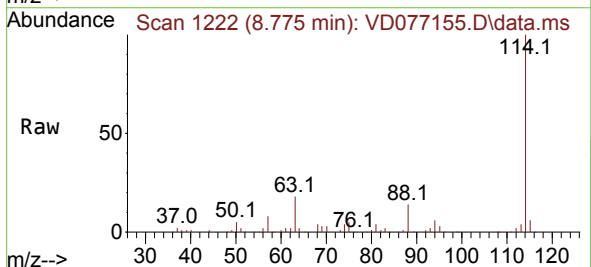
#33
1,2-Dichloroethane-d4
Concen: 65.514 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

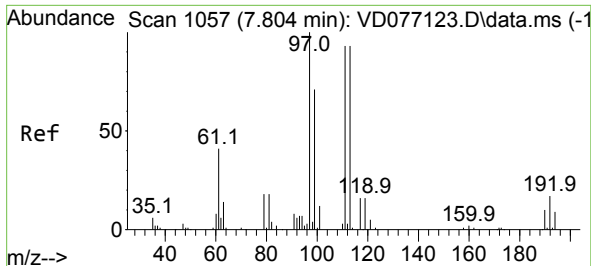
Tgt Ion: 65 Resp: 64364
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

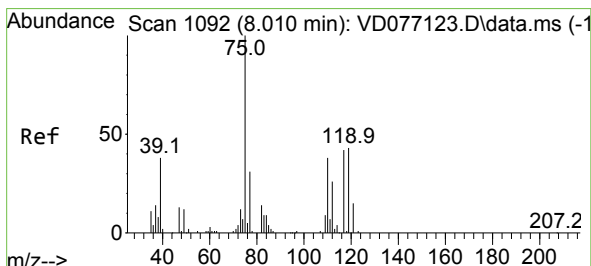
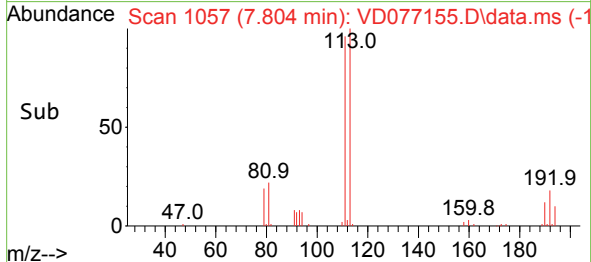
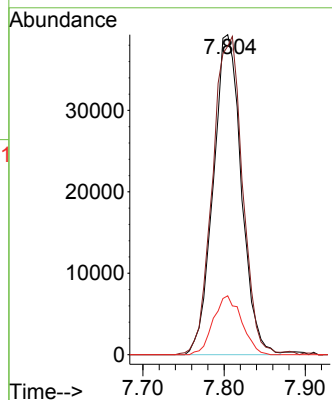
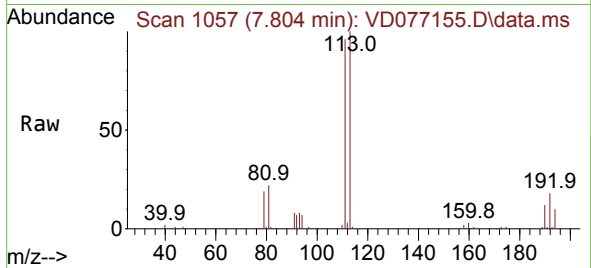
Tgt Ion: 114 Resp: 235733
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 13.9 0.0 26.2





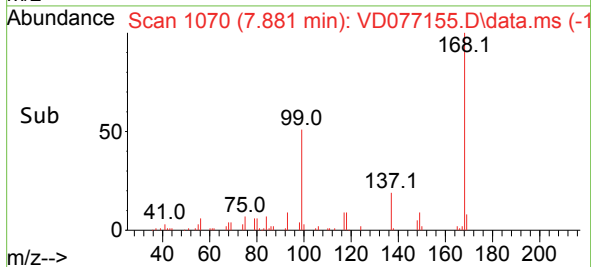
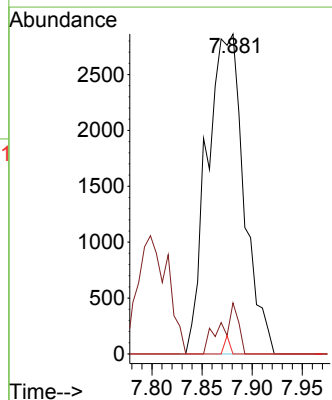
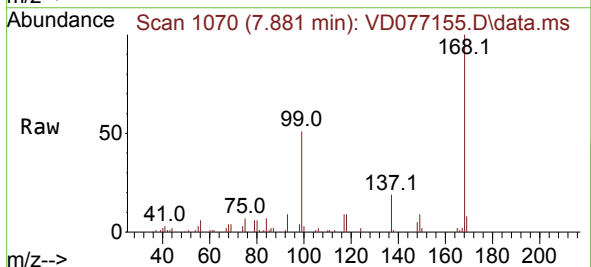
#35
Dibromofluoromethane
Concen: 57.867 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

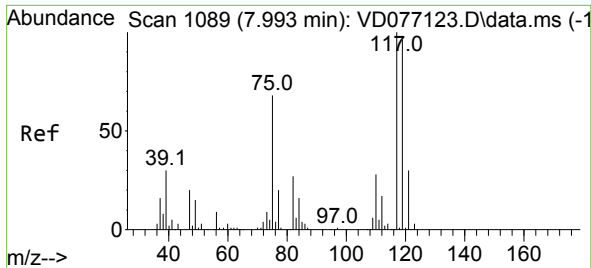
Tgt Ion:113 Resp: 94750
Ion Ratio Lower Upper
113 100
111 105.4 84.7 127.1
192 18.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.966 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

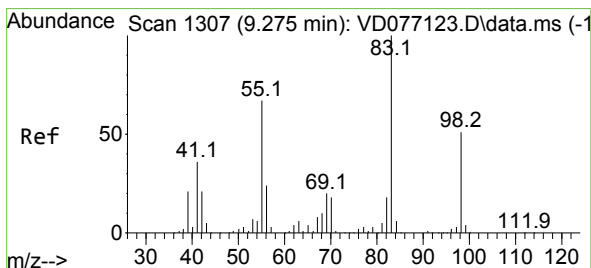
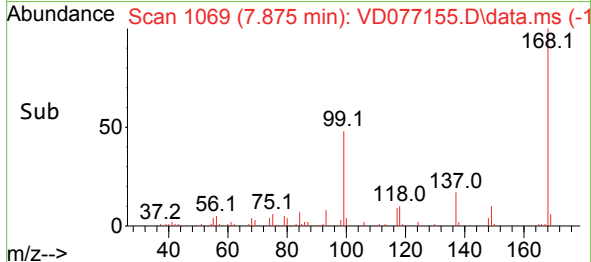
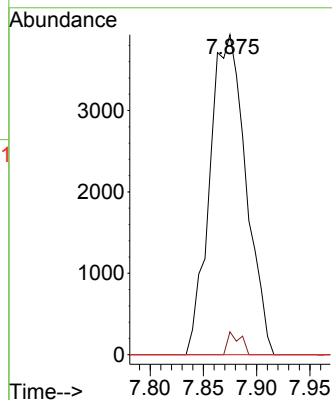
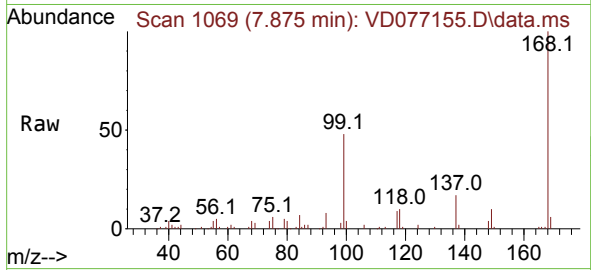
Tgt Ion: 75 Resp: 7314
Ion Ratio Lower Upper
75 100
110 7.6 19.9 59.6#
77 0.8 24.7 37.1#





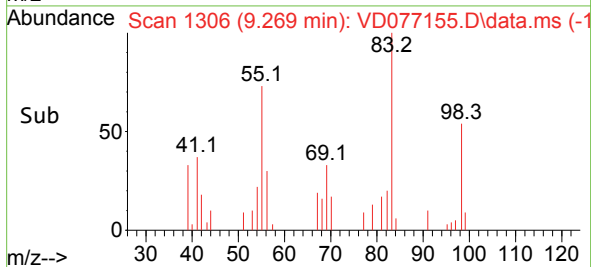
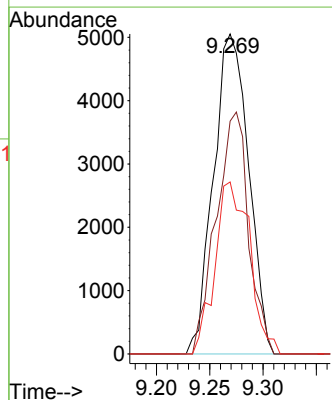
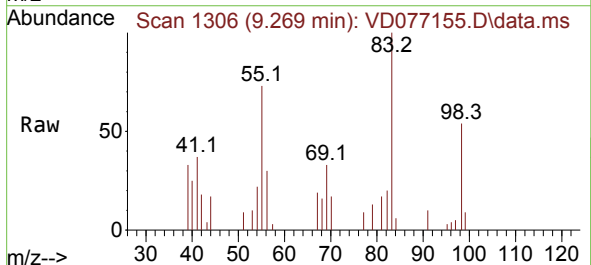
#38
Carbon Tetrachloride
Concen: 3.835 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

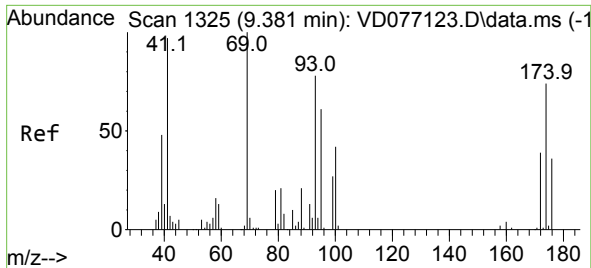
Tgt Ion: 117 Resp: 9295
Ion Ratio Lower Upper
117 100
119 7.1 78.0 117.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 4.090 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

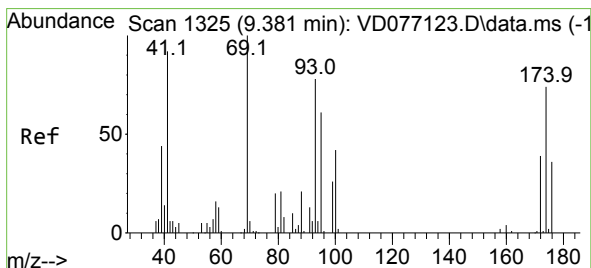
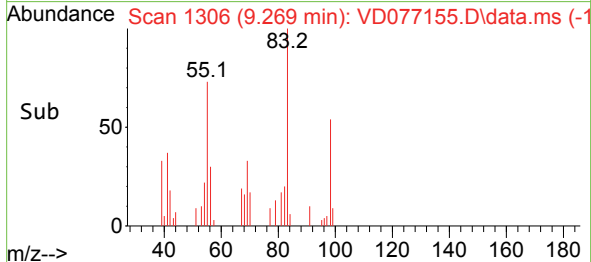
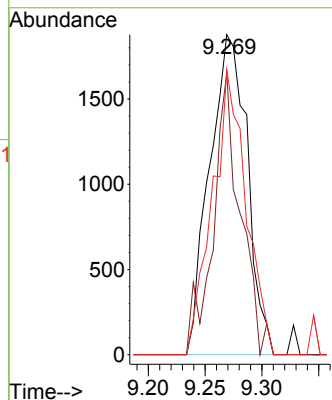
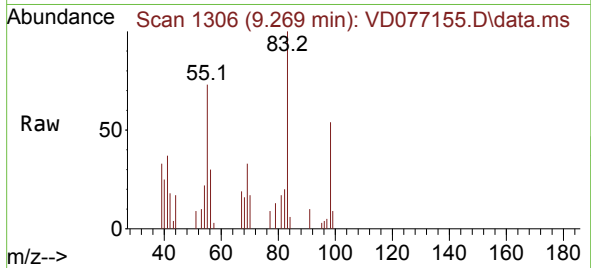
Tgt Ion: 83 Resp: 11603
Ion Ratio Lower Upper
83 100
55 72.8 49.4 74.0
98 53.8 38.4 57.6





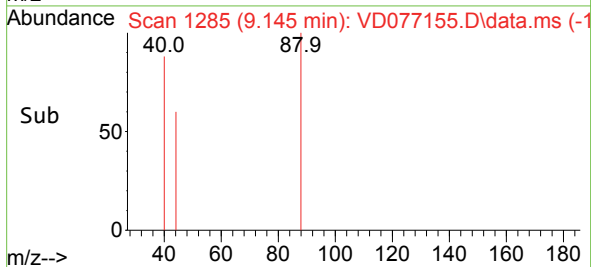
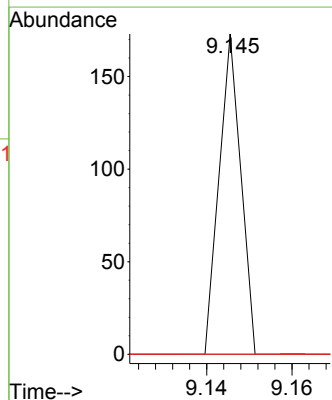
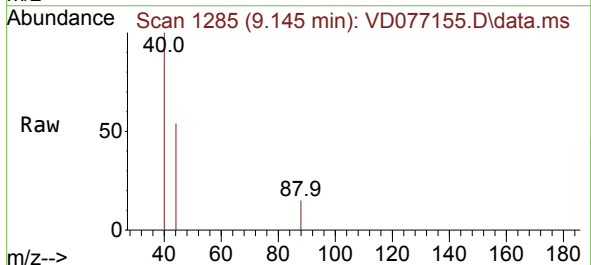
#48
Methyl methacrylate
Concen: 5.454 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.112 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

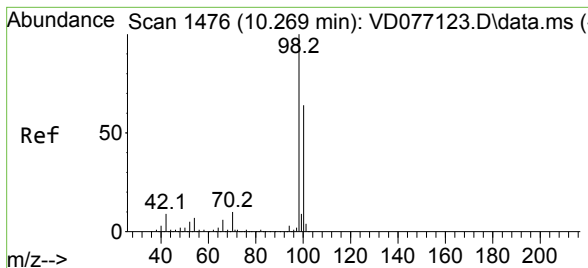
Tgt Ion: 41 Resp: 4317
Ion Ratio Lower Upper
41 100
69 63.7 102.2 153.2#
39 80.2 41.4 62.2#



#49
1,4-Dioxane
Concen: 6.276 ug/l
RT: 9.145 min Scan# 1285
Delta R.T. -0.235 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

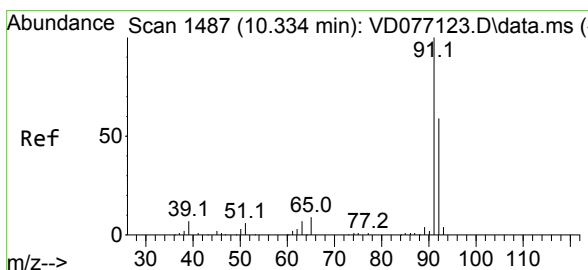
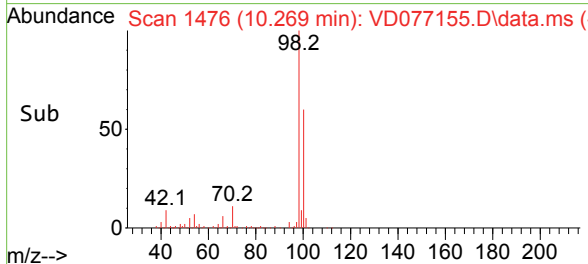
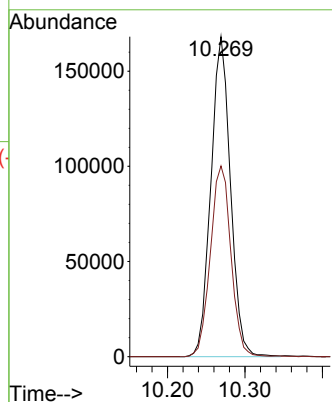
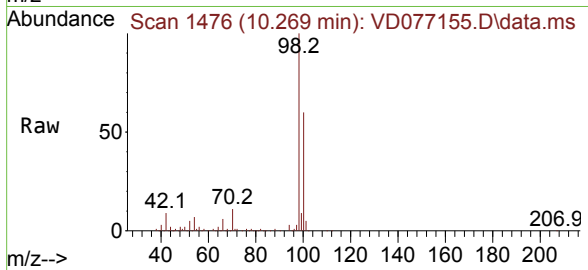
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 43.5 65.3#





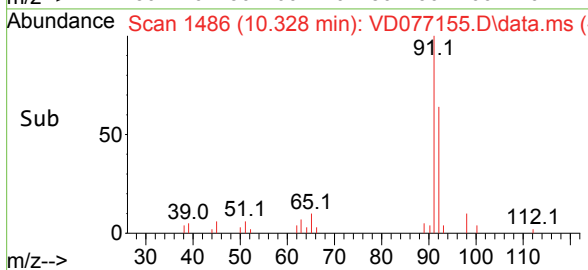
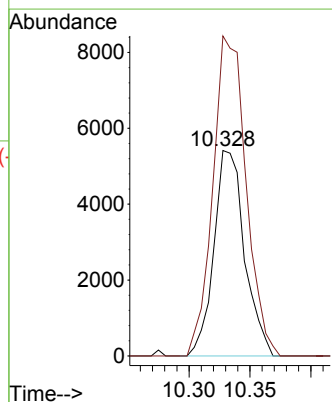
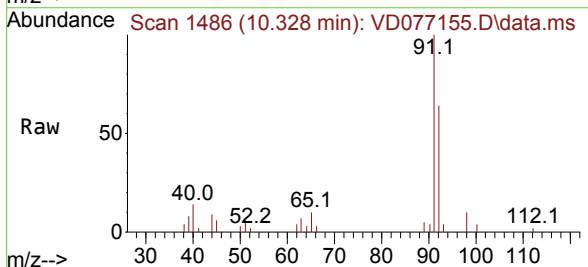
#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

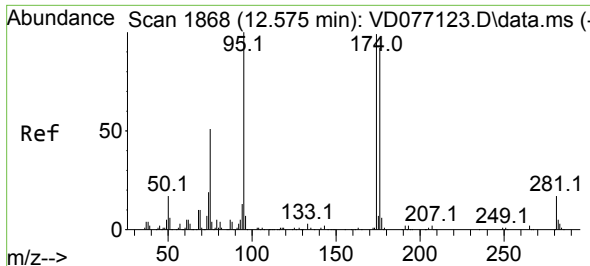
Tgt Ion: 98 Resp: 295307
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#52
Toluene
Concen: 1.937 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

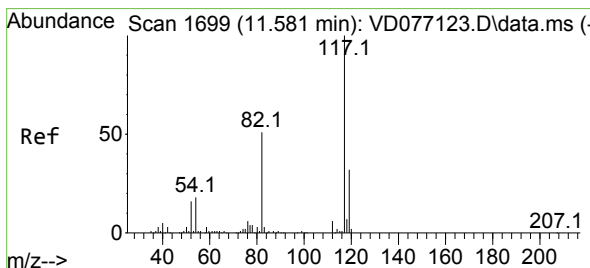
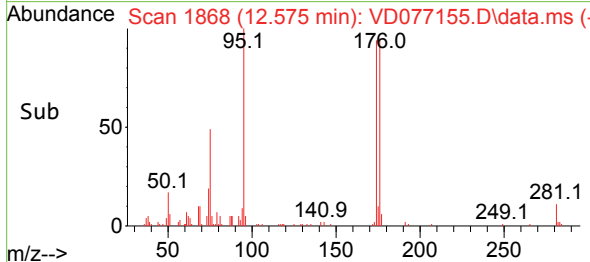
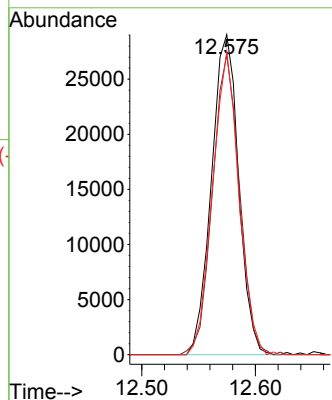
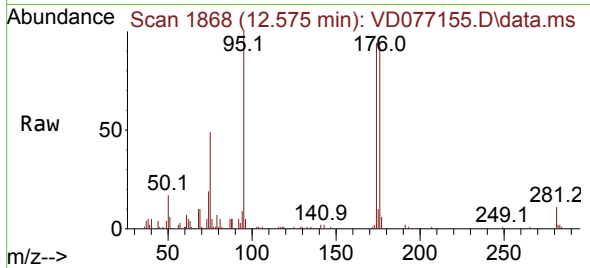
Tgt Ion: 92 Resp: 9452
Ion Ratio Lower Upper
92 100
91 169.1 143.0 214.4





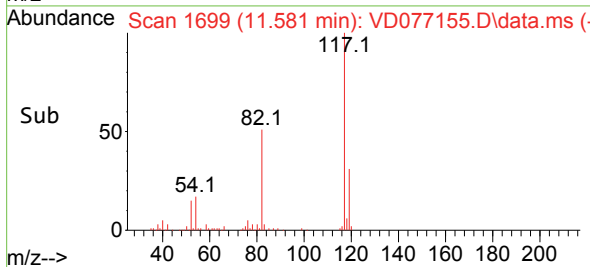
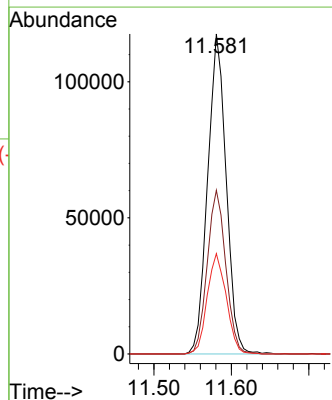
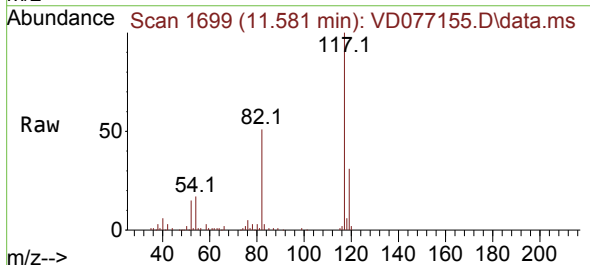
#62
4-Bromofluorobenzene
Concen: 26.646 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

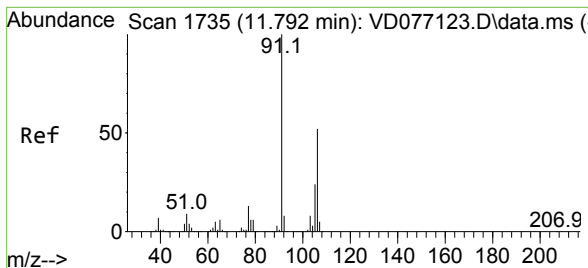
Tgt Ion:	95	Resp:	48134
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	201.8
176	91.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

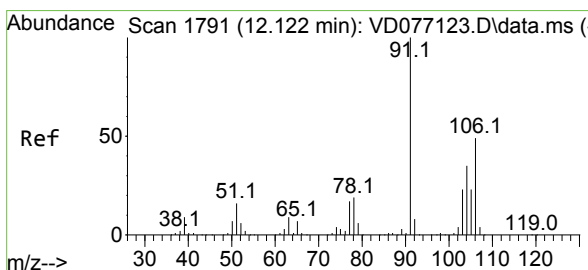
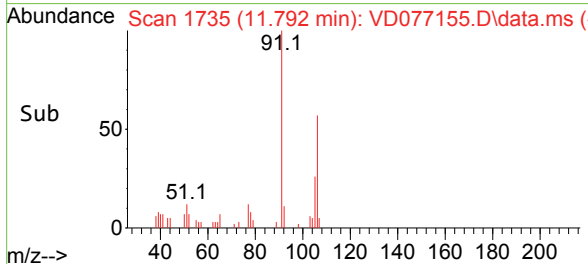
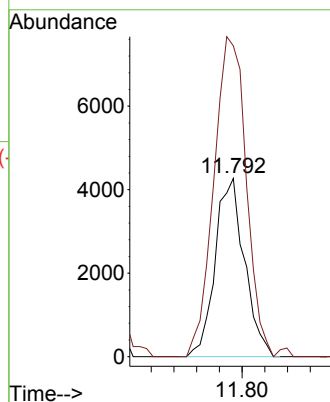
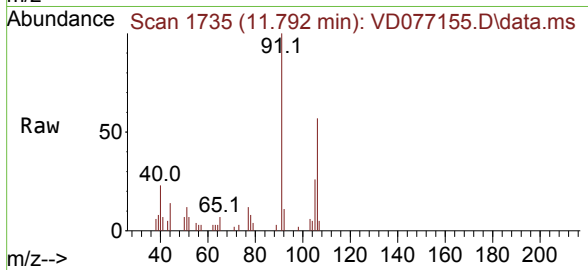
Tgt Ion:	117	Resp:	195206
Ion Ratio	Lower	Upper	
117	100		
82	51.1	38.3	57.5
119	31.4	25.0	37.4





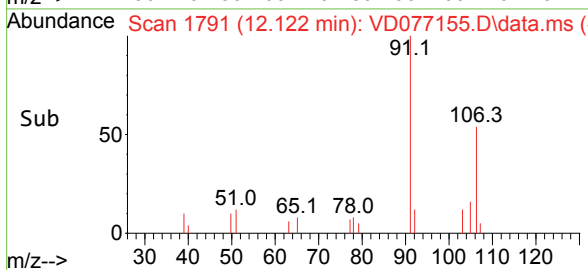
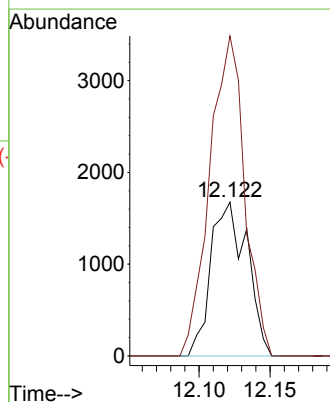
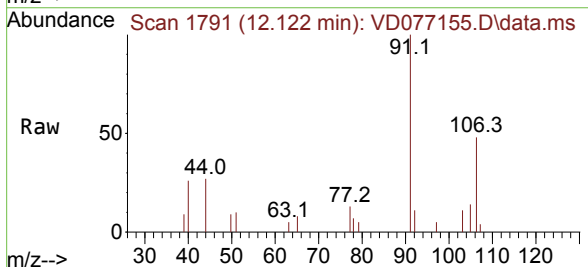
#68
m/p-Xylenes
Concen: 2.420 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

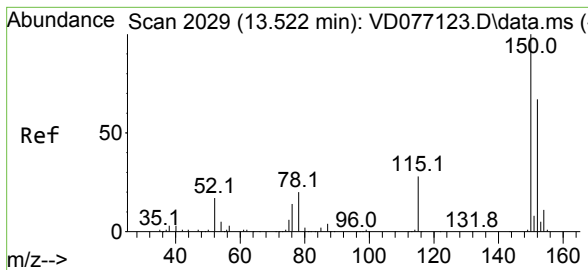
Tgt Ion:106 Resp: 7649
Ion Ratio Lower Upper
106 100
91 200.4 147.0 220.6



#69
o-Xylene
Concen: 1.026 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

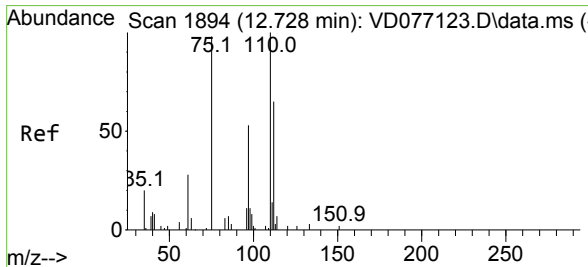
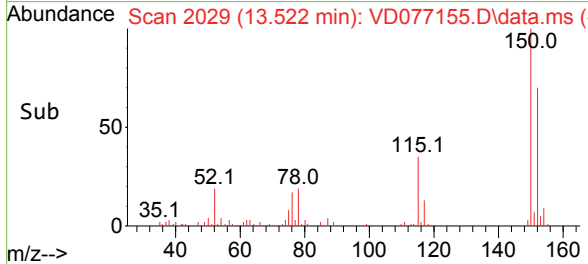
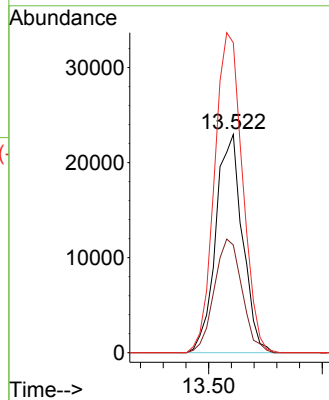
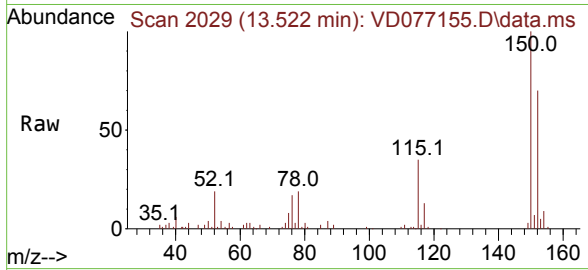
Tgt Ion:106 Resp: 2977
Ion Ratio Lower Upper
106 100
91 200.7 97.9 293.6





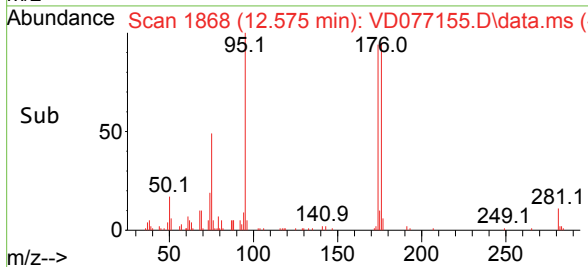
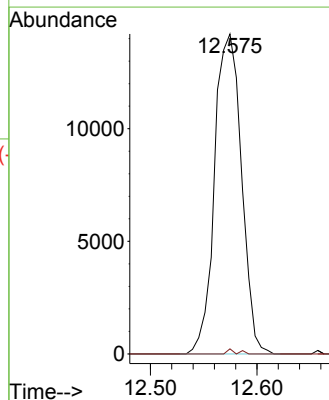
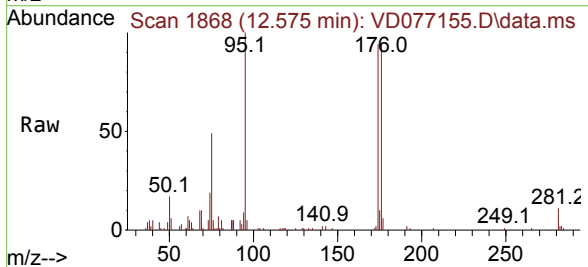
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD077155.D
 Acq: 19 Sep 2023 19:20

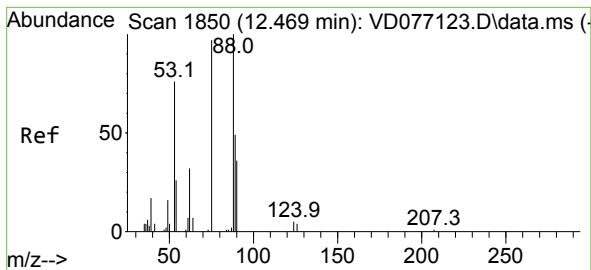
Tgt Ion:152 Resp: 37628
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.3
 150 153.0 0.0 353.6



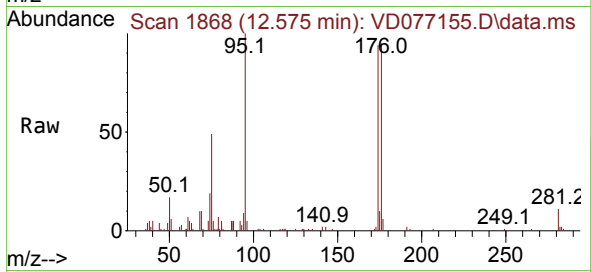
#76
 1,2,3-Trichloropropane
 Concen: 83.072 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077155.D
 Acq: 19 Sep 2023 19:20

Tgt Ion: 75 Resp: 24934
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.239 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077155.D
 Acq: 19 Sep 2023 19:20



Tgt Ion:	75	Resp:	24934
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

