

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077153.D
 Acq On : 19 Sep 2023 18:23
 Operator : JC/SY
 Sample : 04491-05
 Misc : 5.94G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 20 02:04:58 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

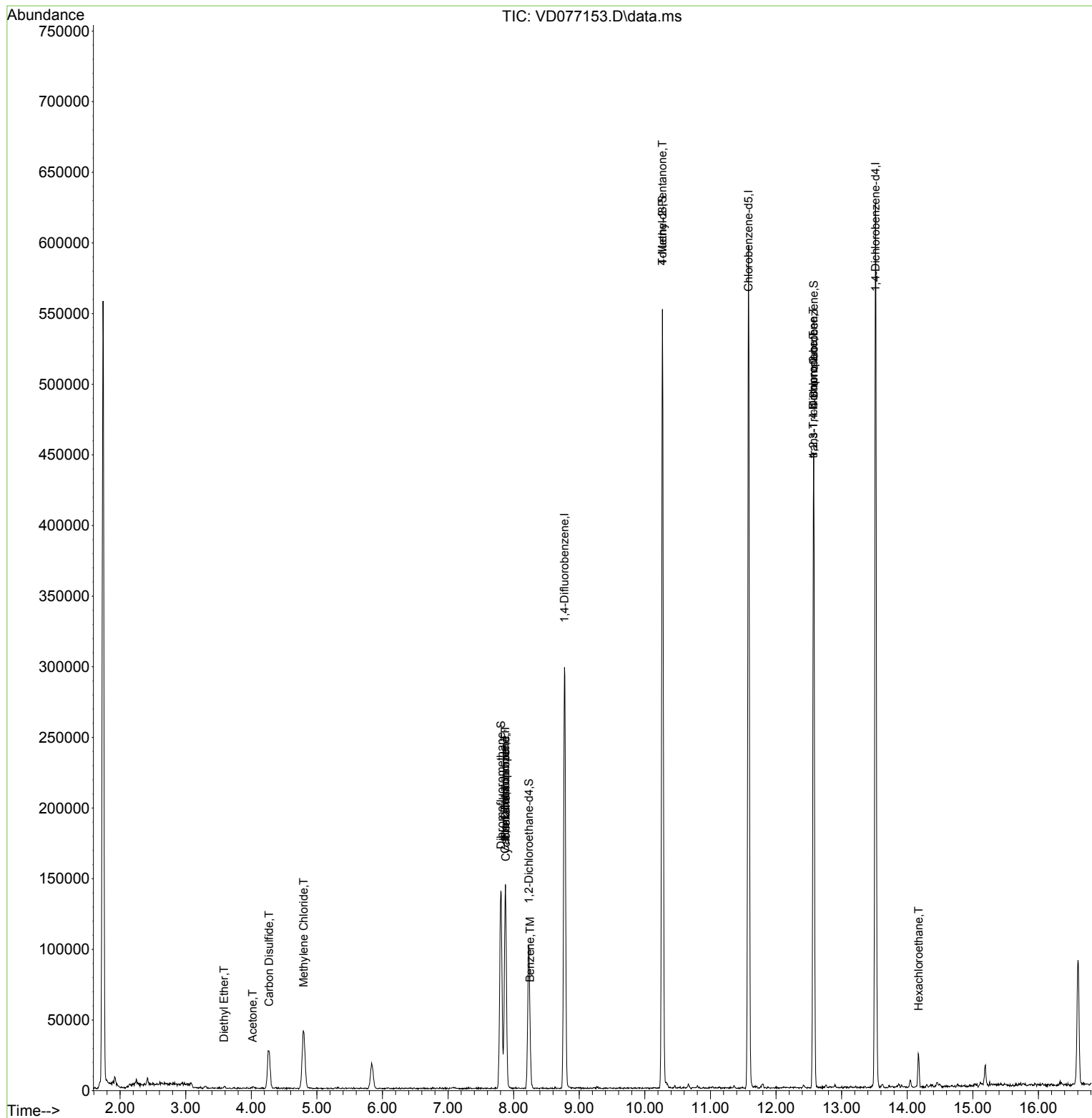
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

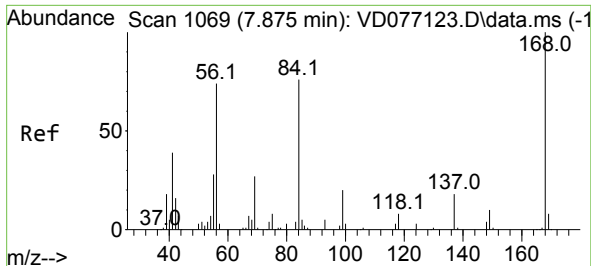
Internal Standards						
1) Pentafluorobenzene	7.875	168	112019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	358808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	173082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73667	65.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.320%	
35) Dibromofluoromethane	7.810	113	102641	52.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.269	98	380905	54.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.700%	
62) 4-Bromofluorobenzene	12.575	95	133289	61.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 123.840%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.587	74	680	1.018	ug/l #	54
13) Acrolein	3.799	56	156	Below Cal	#	15
16) Acetone	4.022	43	2159	8.356	ug/l #	85
17) Carbon Disulfide	4.269	76	60965	14.212	ug/l	96
20) Methylene Chloride	4.799	84	33712	15.857	ug/l	95
31) Cyclohexane	7.881	56	2547	1.288	ug/l #	53
36) 1,1-Dichloropropene	7.875	75	8220	2.797	ug/l #	42
38) Carbon Tetrachloride	7.869	117	11394	3.945	ug/l #	15
40) Benzene	8.251	78	11822	1.300	ug/l	100
51) 4-Methyl-2-Pentanone	10.269	43	1160	1.069	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	66991	48.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	66991	91.842	ug/l #	17
90) Hexachloroethane	14.175	117	12278	5.330	ug/l #	11

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

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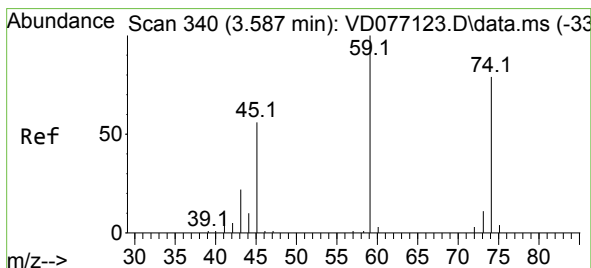
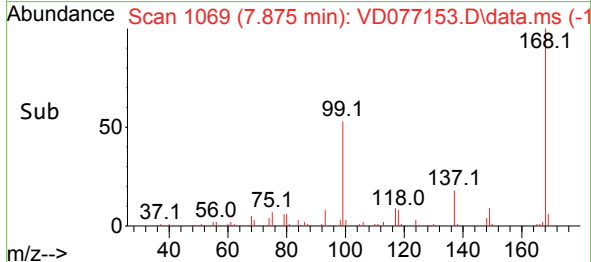
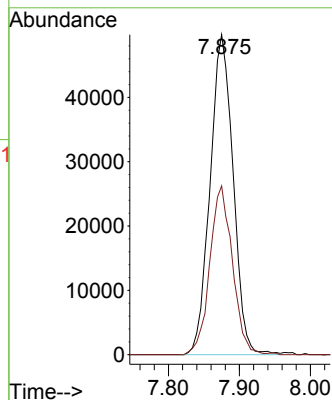
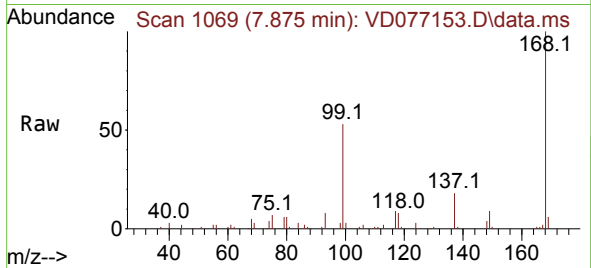
Quant Time: Sep 20 02:04:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
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QLast Update : Tue Sep 19 04:46:37 2023
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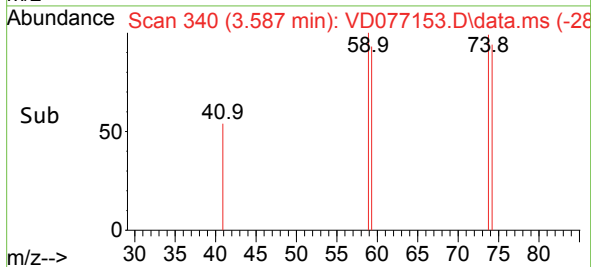
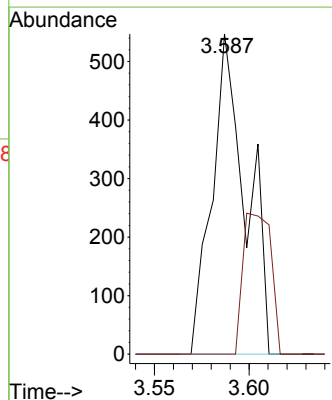
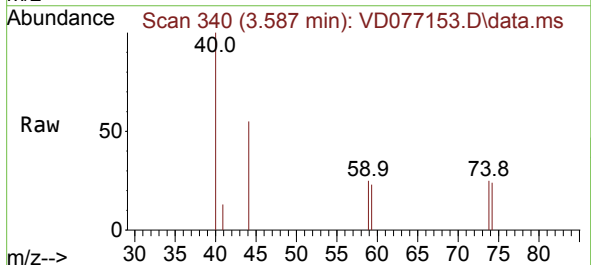
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

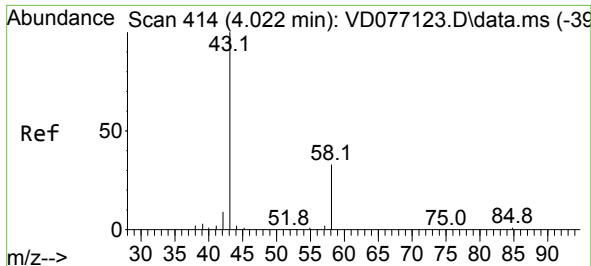
Tgt Ion:168 Resp: 112019
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#8
Diethyl Ether
Concen: 1.018 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

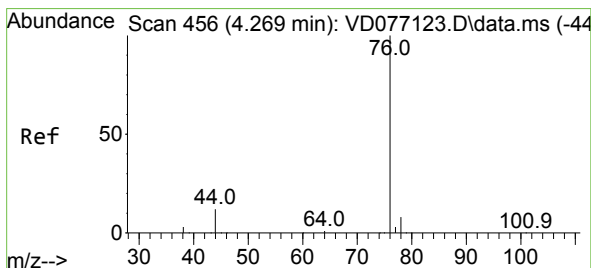
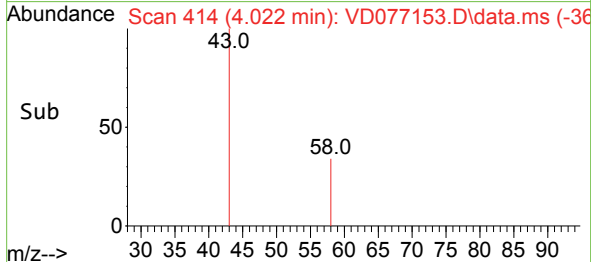
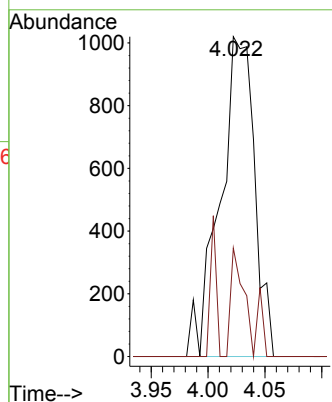
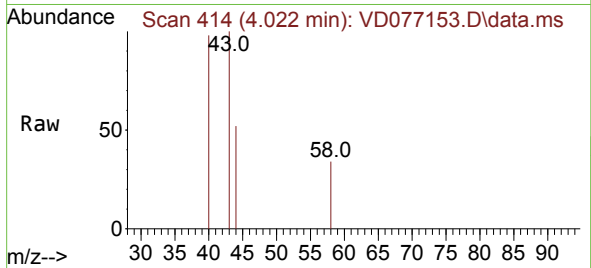
Tgt Ion: 74 Resp: 680
Ion Ratio Lower Upper
74 100
45 36.2 37.5 112.7#





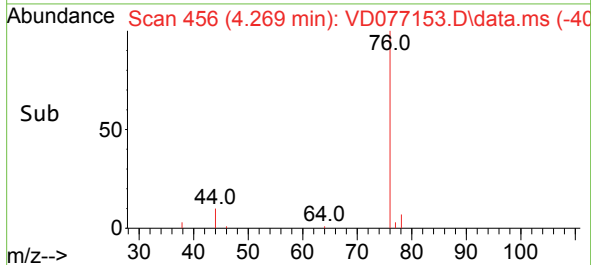
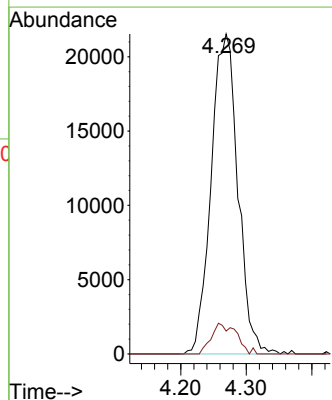
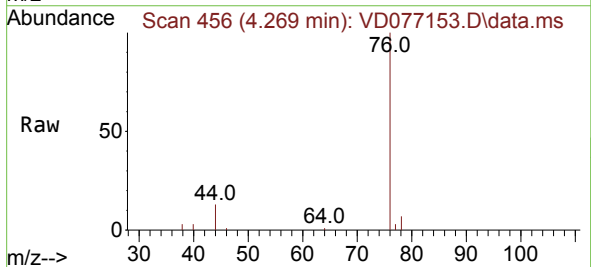
#16
Acetone
Concen: 8.356 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

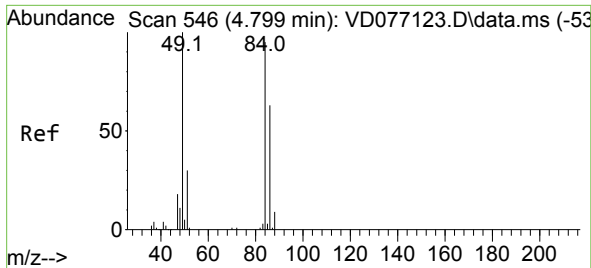
Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#



#17
Carbon Disulfide
Concen: 14.212 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

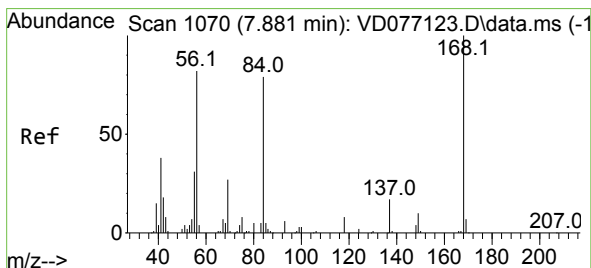
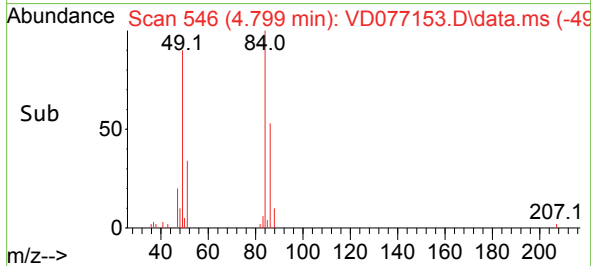
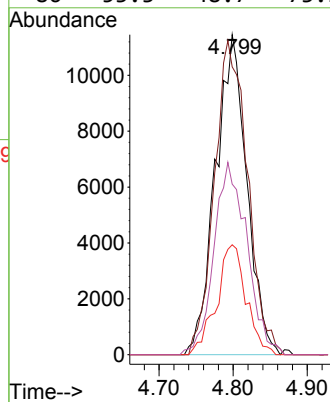
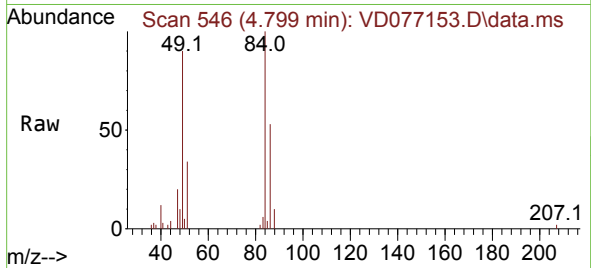
Tgt Ion: 76 Resp: 60965
Ion Ratio Lower Upper
76 100
78 7.2 6.8 10.2





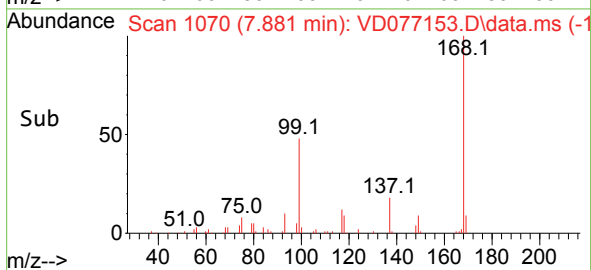
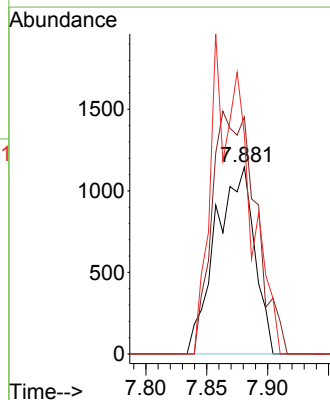
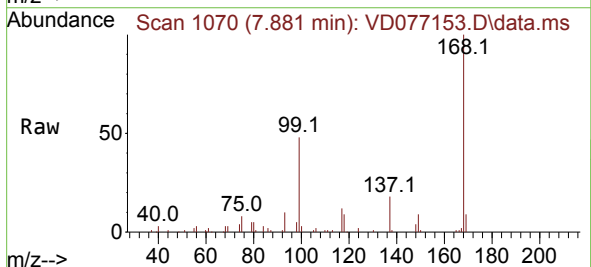
#20
Methylene Chloride
Concen: 15.857 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

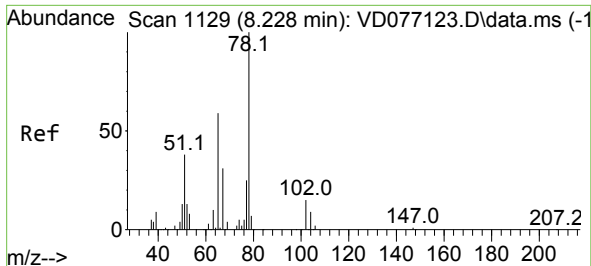
Tgt Ion:	84	Resp:	33712
Ion	Ratio	Lower	Upper
84	100		
49	89.9	71.4	107.2
51	34.4	24.5	36.7
86	53.3	48.7	73.1



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

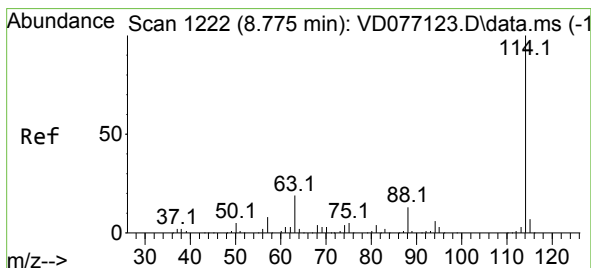
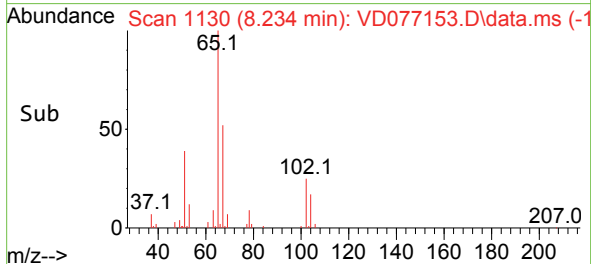
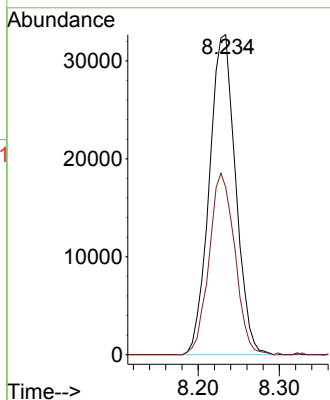
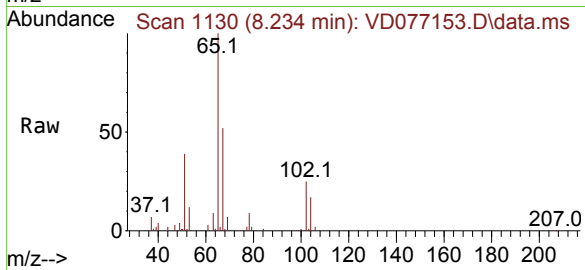
Tgt Ion:	56	Resp:	2547
Ion	Ratio	Lower	Upper
56	100		
69	126.8	28.6	43.0#
84	117.4	84.8	127.2





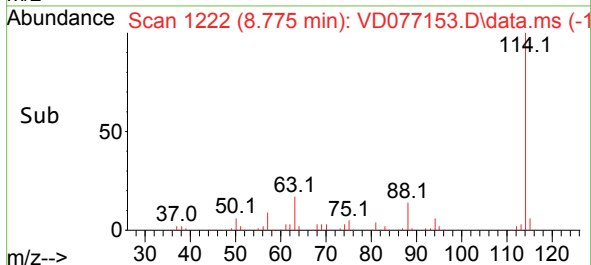
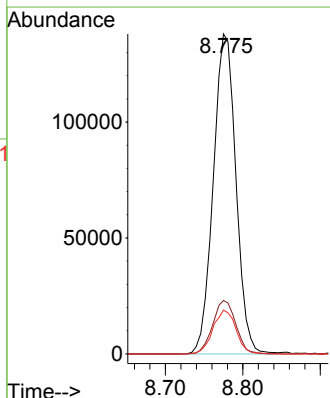
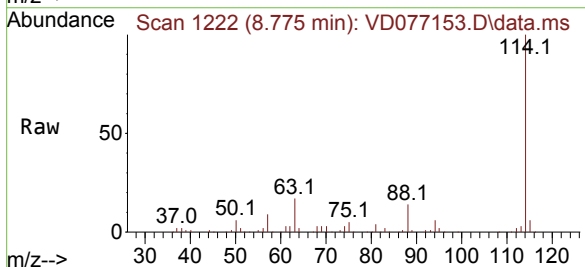
#33
1,2-Dichloroethane-d4
Concen: 65.163 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

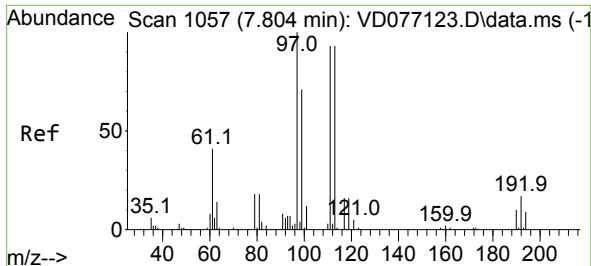
Tgt Ion: 65 Resp: 73667
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

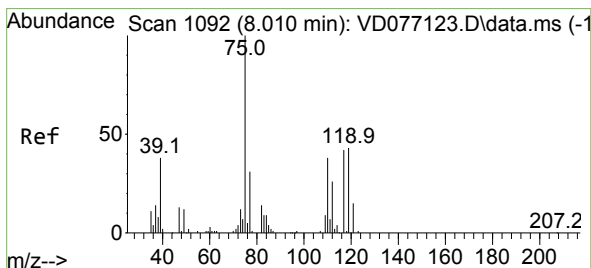
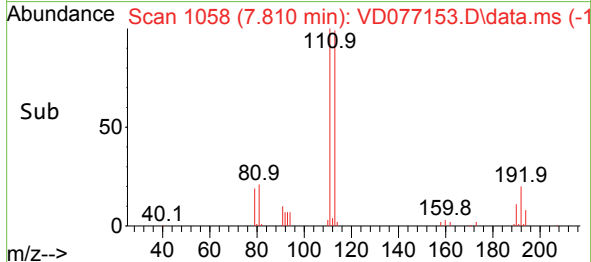
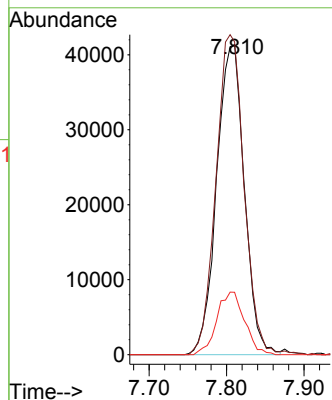
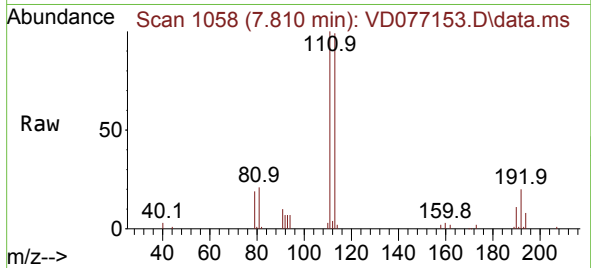
Tgt Ion: 114 Resp: 280903
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.4
88 13.7 0.0 26.2





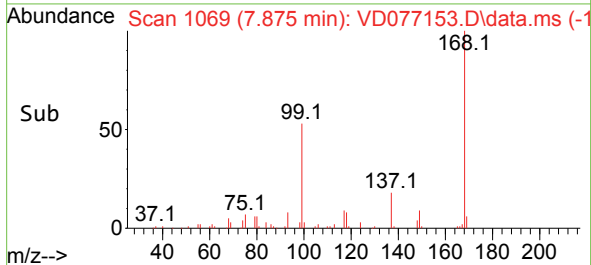
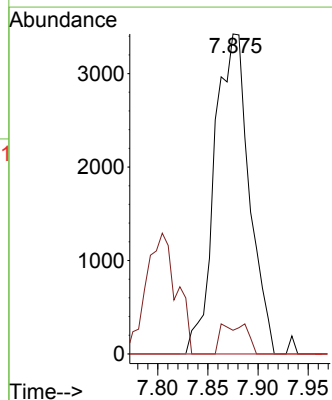
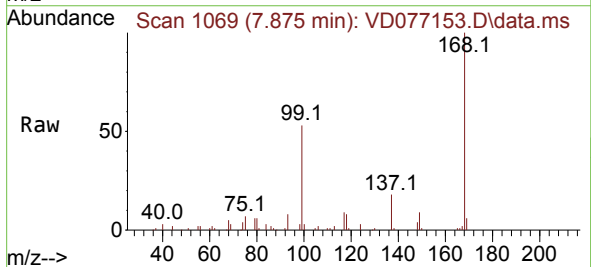
#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

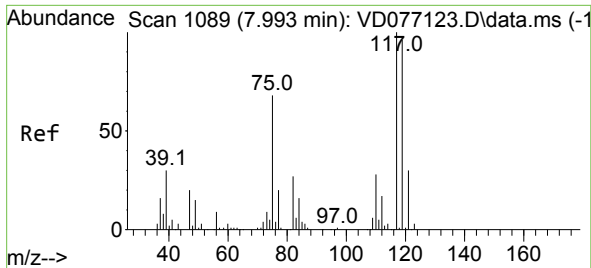
Tgt Ion: 113 Resp: 102641
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 20.3 16.8 25.2



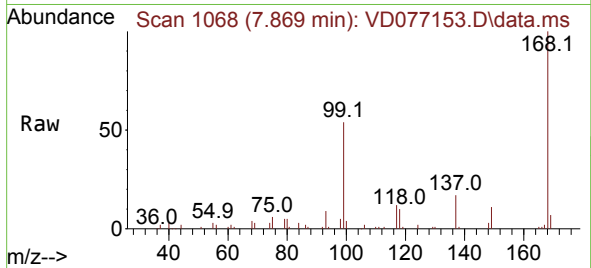
#36
1,1-Dichloropropene
Concen: 2.797 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

Tgt Ion: 75 Resp: 8220
Ion Ratio Lower Upper
75 100
110 3.7 19.9 59.6#
77 0.0 24.7 37.1#

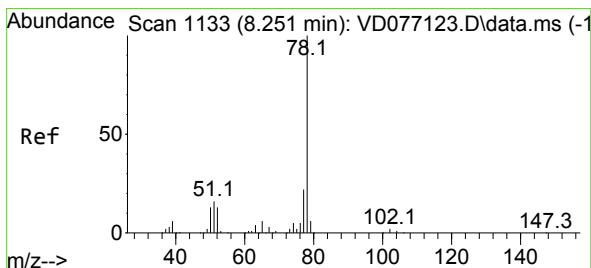
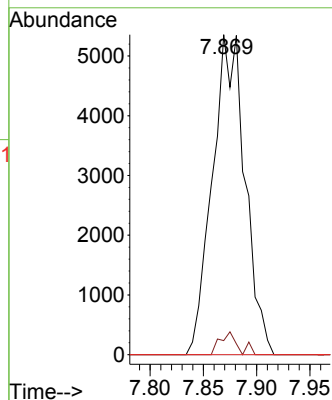
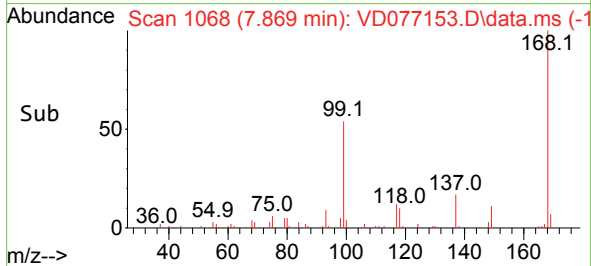




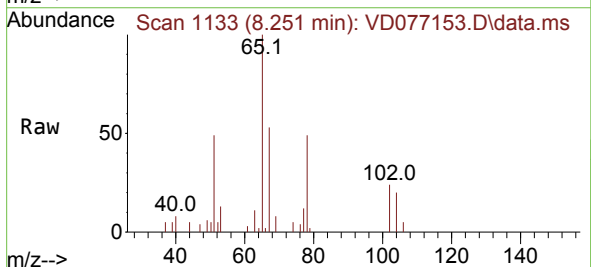
#38
Carbon Tetrachloride
Concen: 3.945 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23



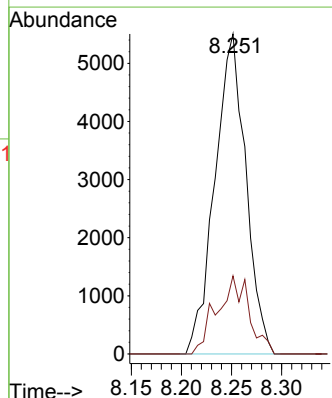
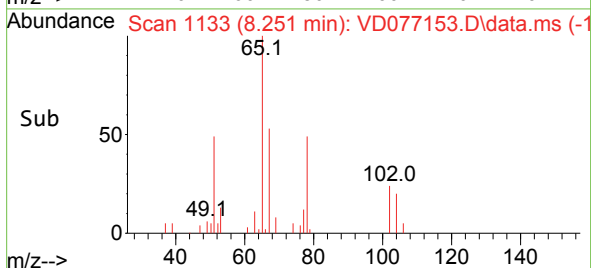
Tgt Ion:117 Resp: 11394
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.2 36.2#

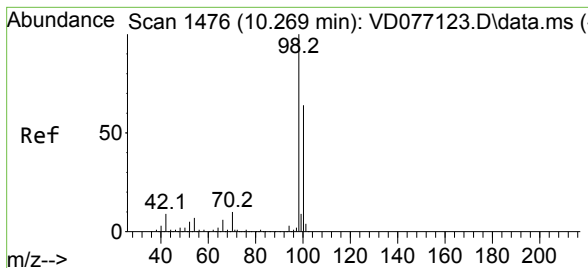


#40
Benzene
Concen: 1.300 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23



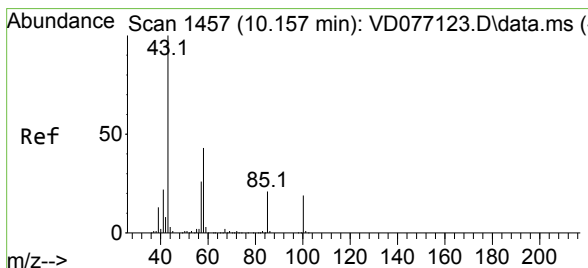
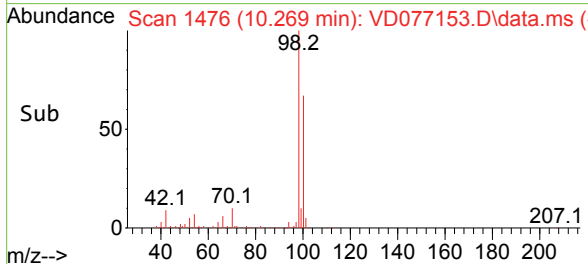
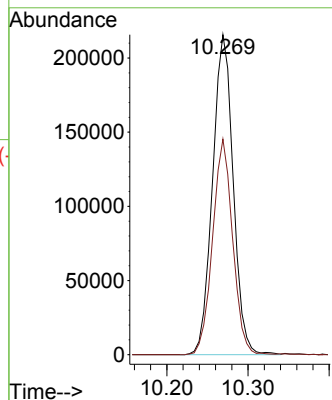
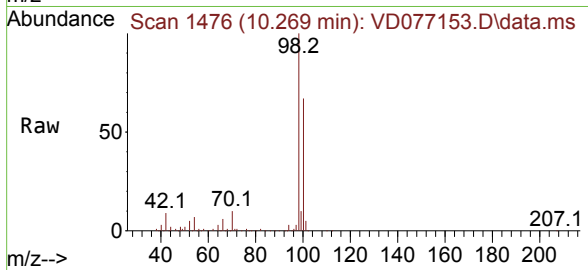
Tgt Ion: 78 Resp: 11822
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0





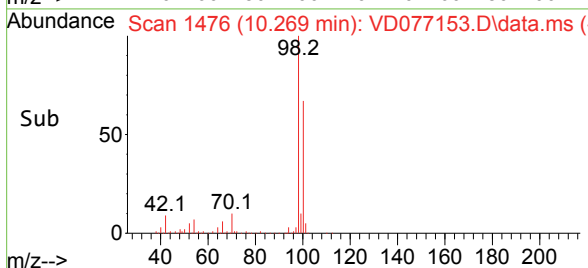
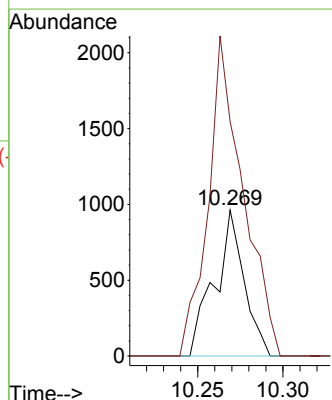
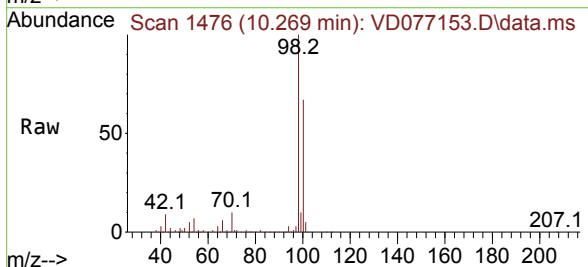
#50
Toluene-d8
Concen: 54.847 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

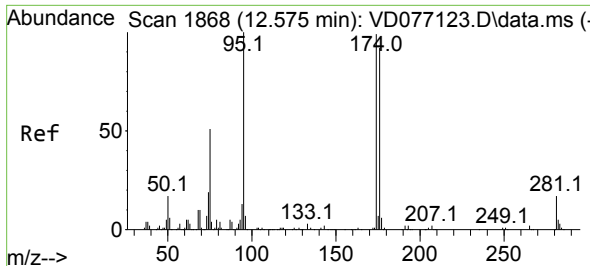
Tgt Ion: 98 Resp: 380905
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.069 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

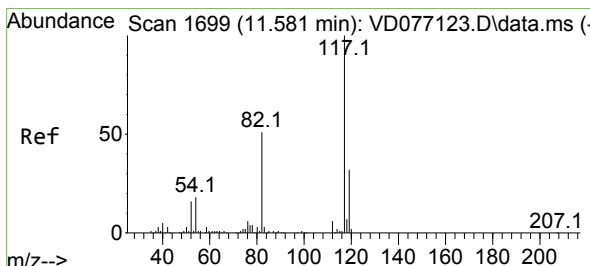
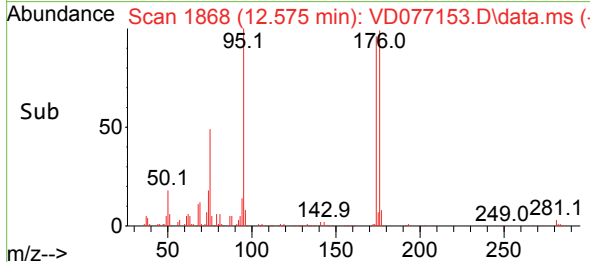
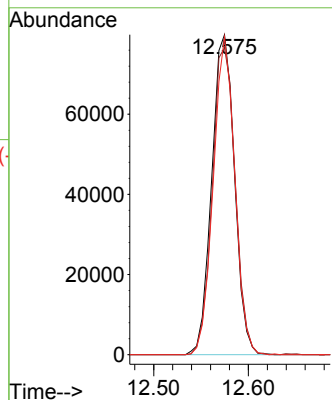
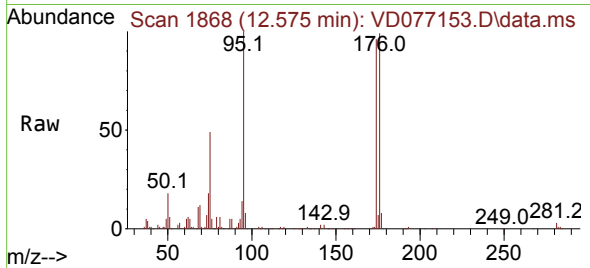
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 258.4 38.9 58.3#





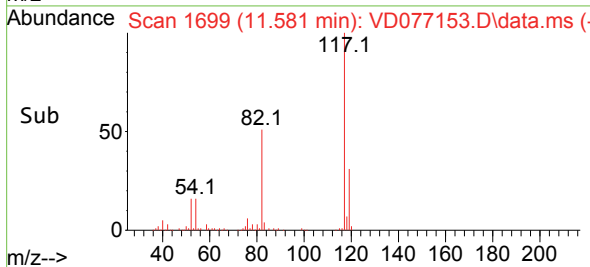
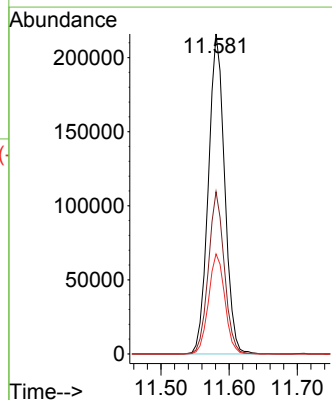
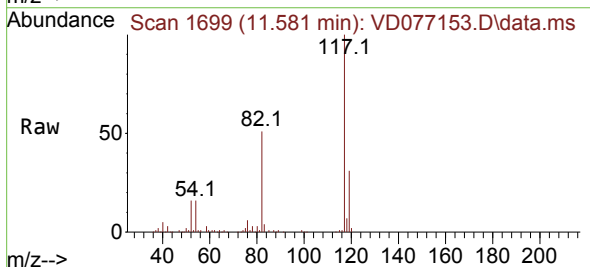
#62
4-Bromofluorobenzene
Concen: 61.922 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

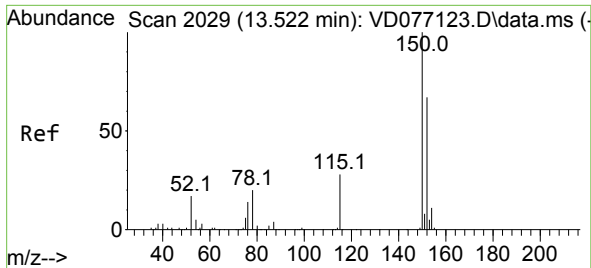
Tgt Ion:	95	Resp:	133289
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	201.8
176	94.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

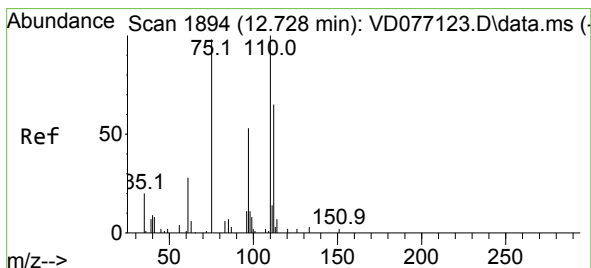
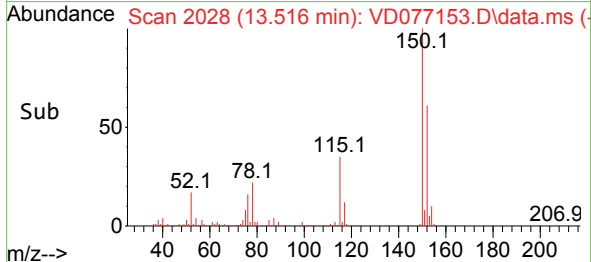
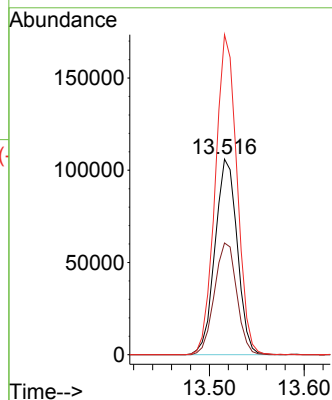
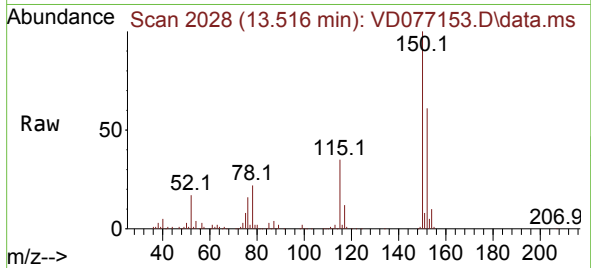
Tgt Ion:	117	Resp:	358808
Ion Ratio	Lower	Upper	
117	100		
82	50.7	38.3	57.5
119	31.3	25.0	37.4





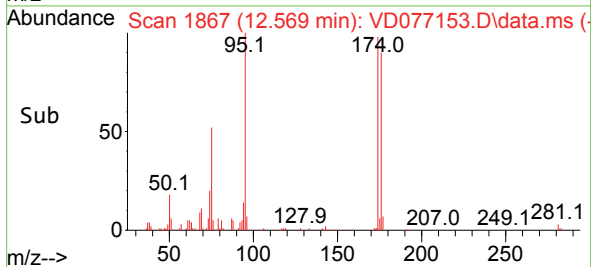
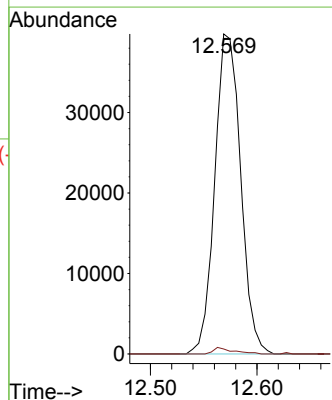
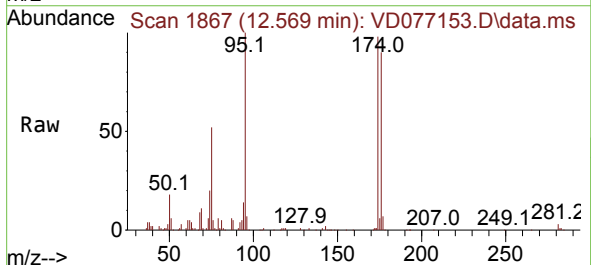
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

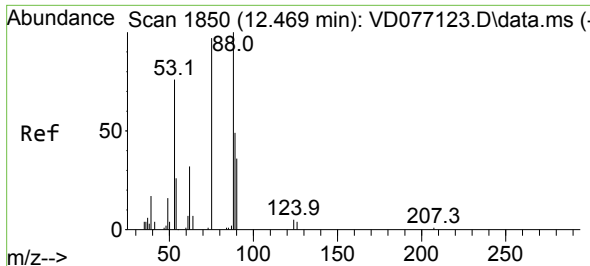
Tgt Ion:152 Resp: 173082
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 159.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.522 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

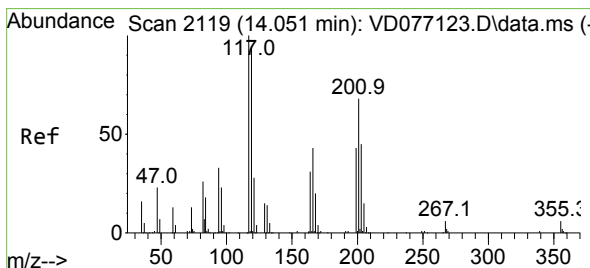
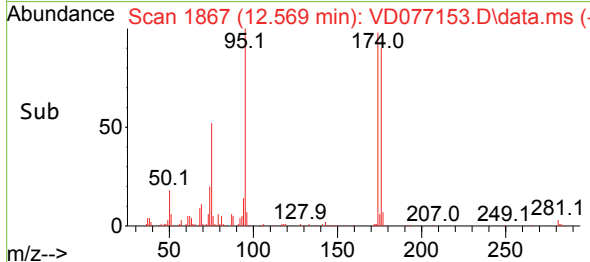
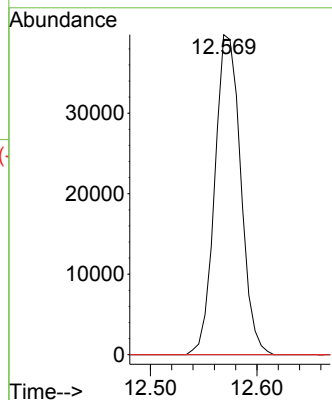
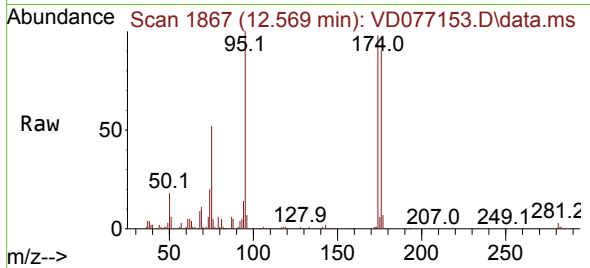
Tgt Ion: 75 Resp: 66991
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.842 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

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



#90
Hexachloroethane
Concen: 5.330 ug/l
RT: 14.175 min Scan# 2140
Delta R.T. 0.124 min
Lab File: VD077153.D
Acq: 19 Sep 2023 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	38.5	115.5#

