

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077148.D
 Acq On : 19 Sep 2023 16:04
 Operator : JC/SY
 Sample : 04432-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 02:03:02 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

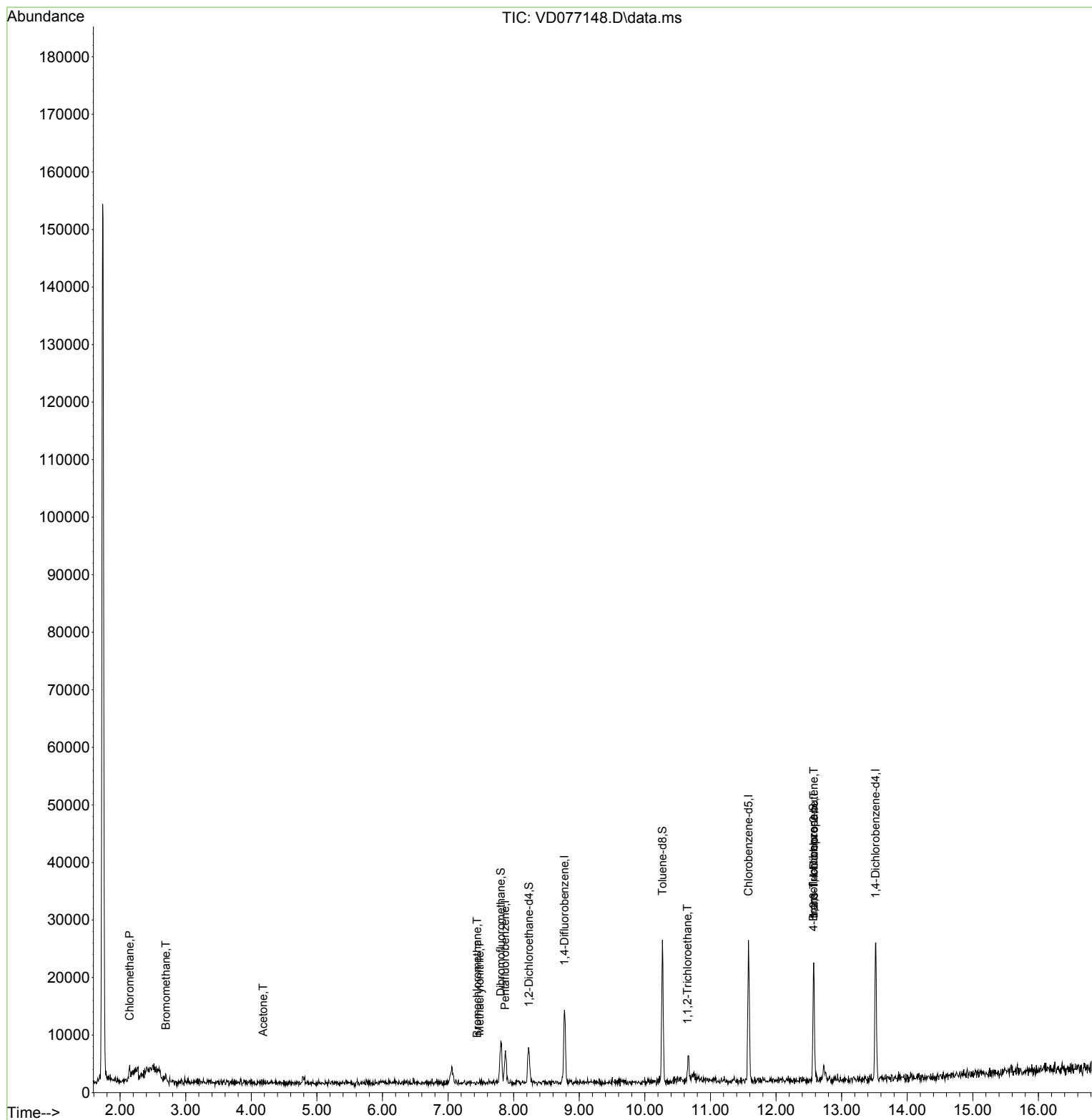
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

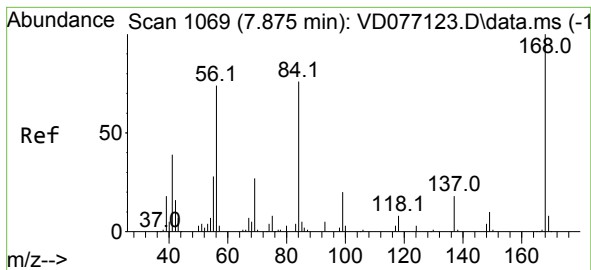
Internal Standards						
1) Pentafluorobenzene	7.869	168	5091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4846	94.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.640%#	
35) Dibromofluoromethane	7.804	113	5856	66.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.780%	
50) Toluene-d8	10.269	98	17049	54.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.569	95	6470	66.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 132.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	582	5.984	ug/l #	40
5) Bromomethane	2.699	94	835	11.020	ug/l	84
16) Acetone	4.181	43	74	6.302	ug/l #	32
28) Bromochloromethane	7.446	49	74	2.055	ug/l #	1
41) Methacrylonitrile	7.481	41	60	2.206	ug/l #	17
55) 1,1,2-Trichloroethane	10.651	97	221	2.801	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	3408	57.202	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3408	108.272	ug/l #	17

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

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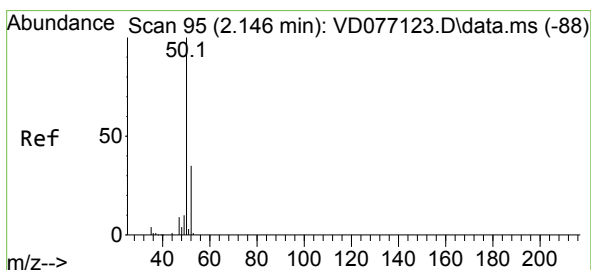
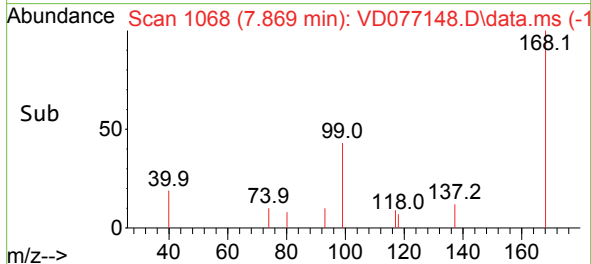
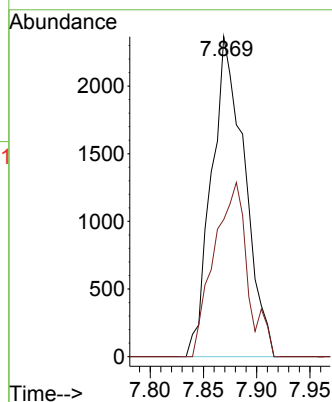
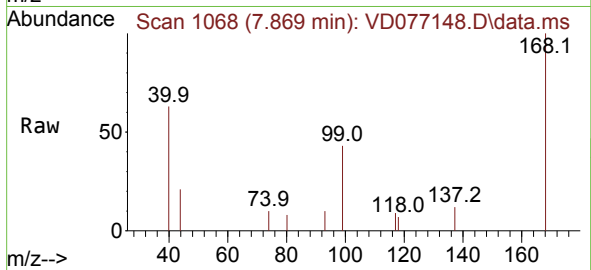
Quant Time: Sep 20 02:03:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
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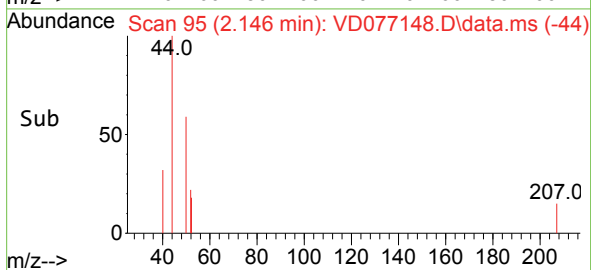
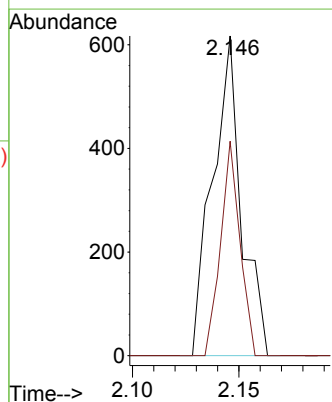
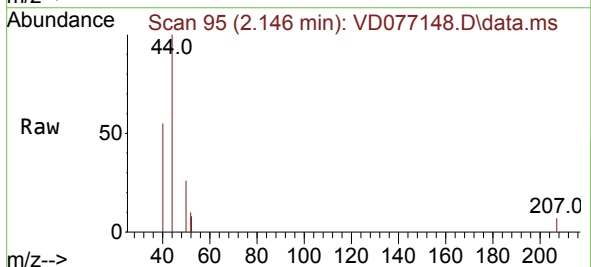
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

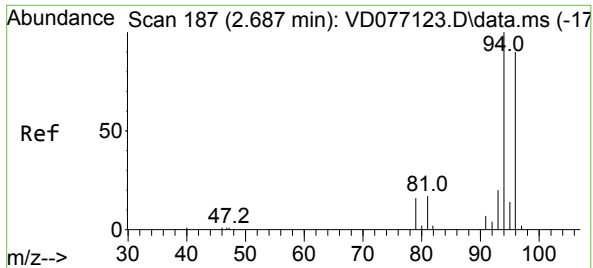
Tgt Ion:168 Resp: 5091
Ion Ratio Lower Upper
168 100
99 42.9 36.7 55.1



#3
Chloromethane
Concen: 5.984 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

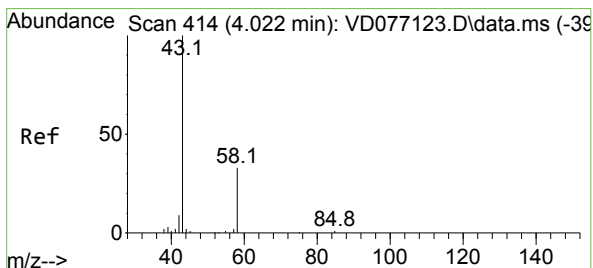
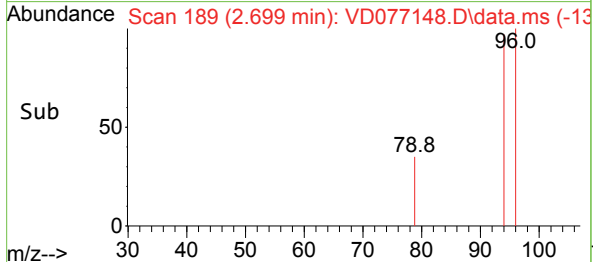
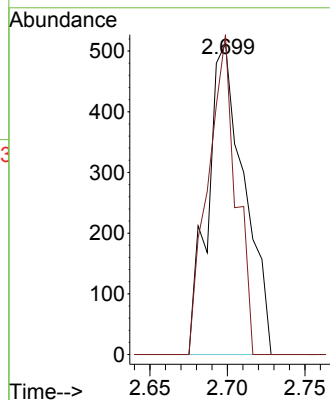
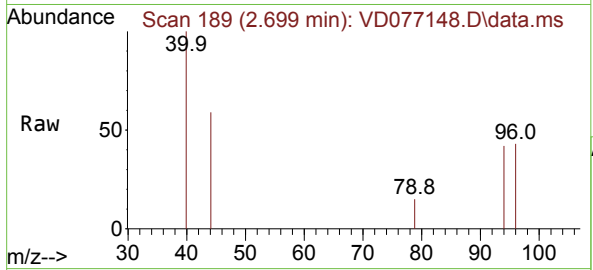
Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 67.1 26.6 40.0#





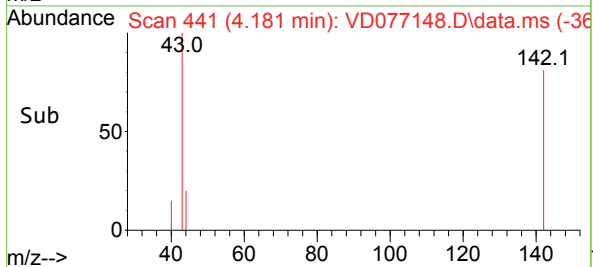
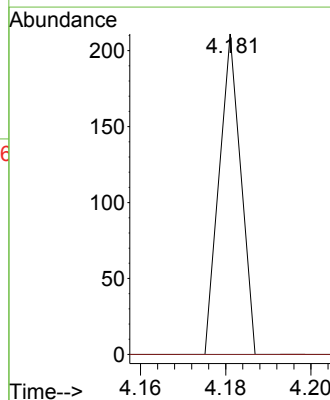
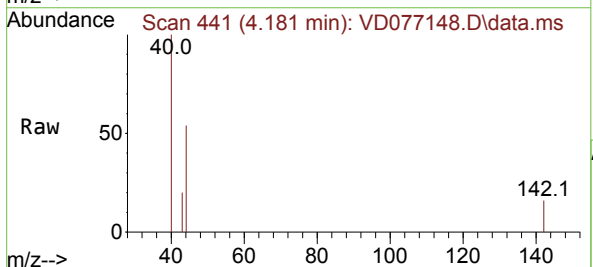
#5
Bromomethane
Concen: 11.020 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

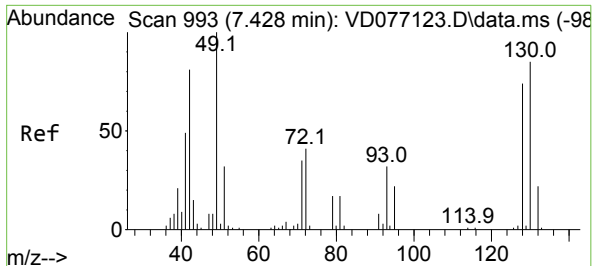
Tgt Ion: 94 Resp: 835
Ion Ratio Lower Upper
94 100
96 79.6 75.8 113.8



#16
Acetone
Concen: 6.302 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.159 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

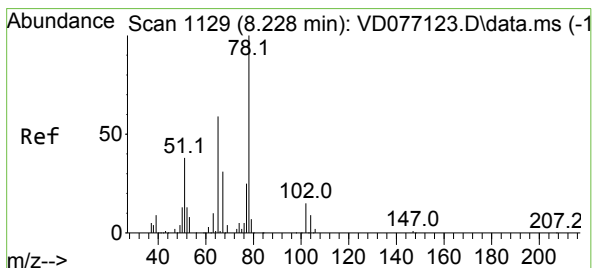
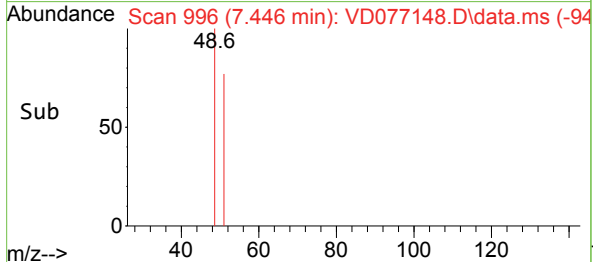
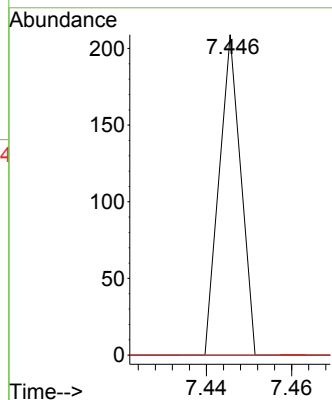
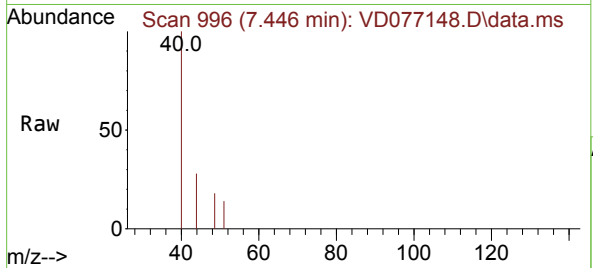
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





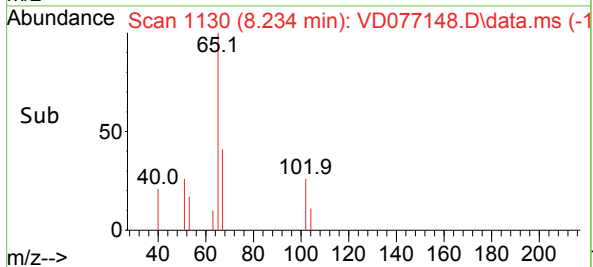
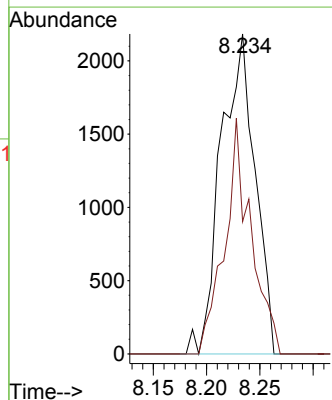
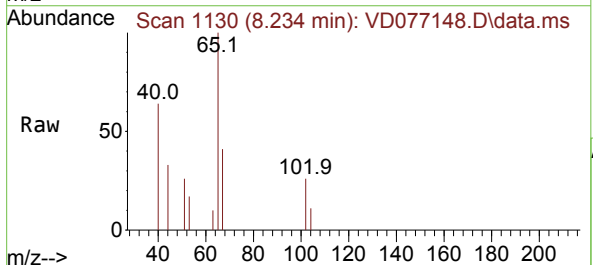
#28
Bromochloromethane
Concen: 2.055 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.018 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

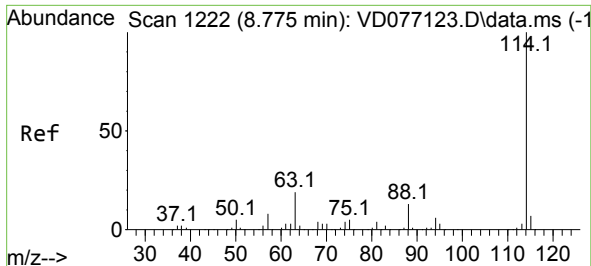
Tgt Ion: 49 Resp: 74
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 94.319 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

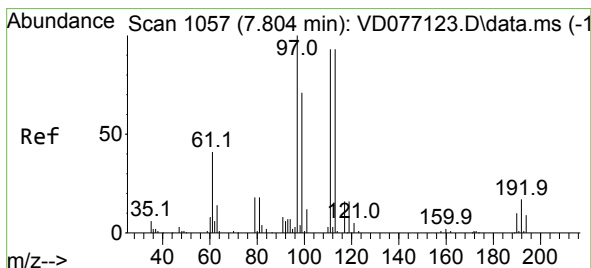
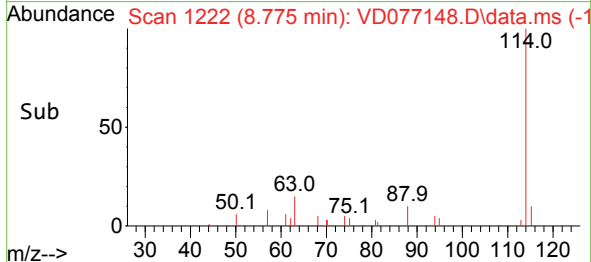
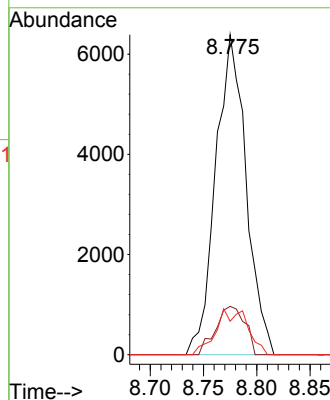
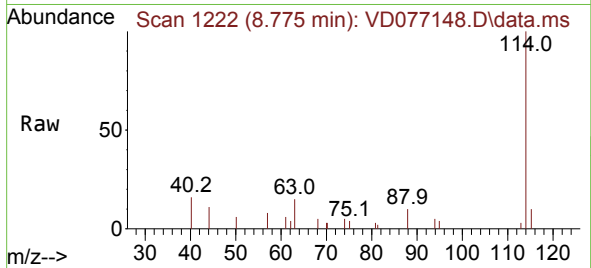
Tgt Ion: 65 Resp: 4846
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0





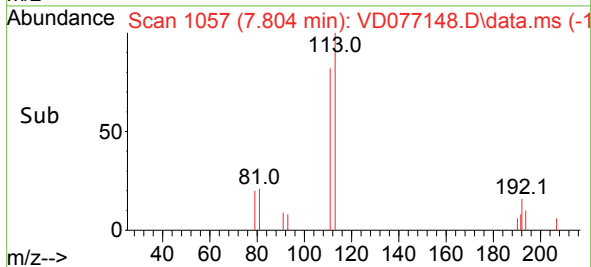
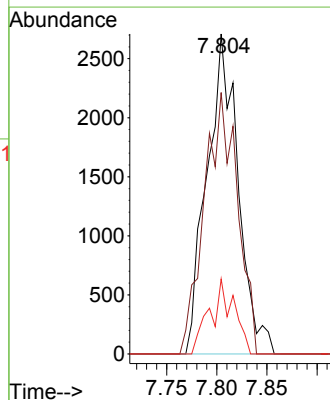
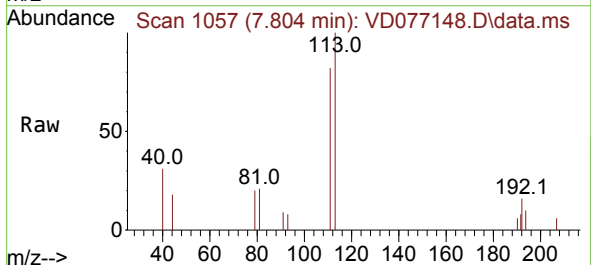
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

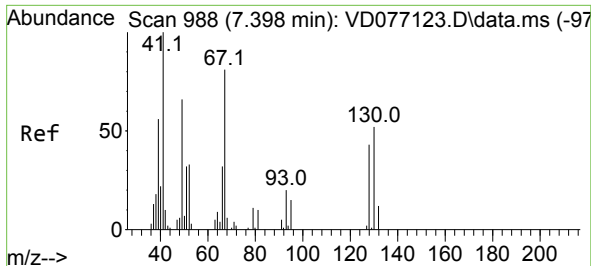
Tgt Ion:	114	Resp:	12699
Ion Ratio	Lower	Upper	
114	100		
63	15.1	0.0	33.4
88	10.4	0.0	26.2



#35
Dibromofluoromethane
Concen: 66.390 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

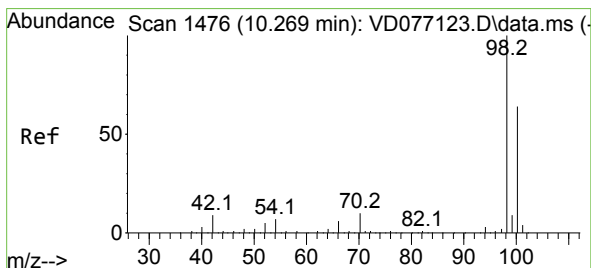
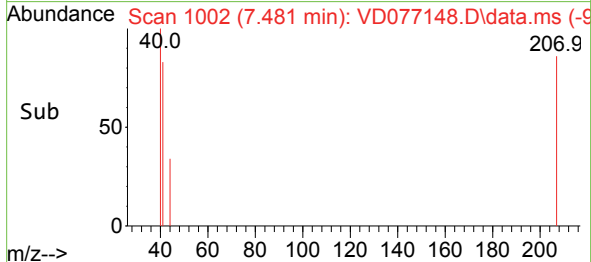
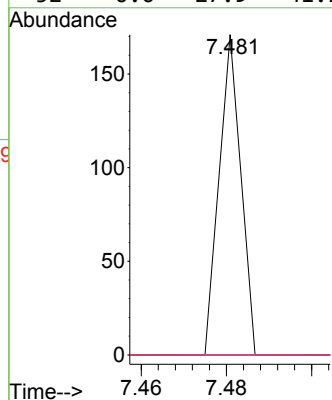
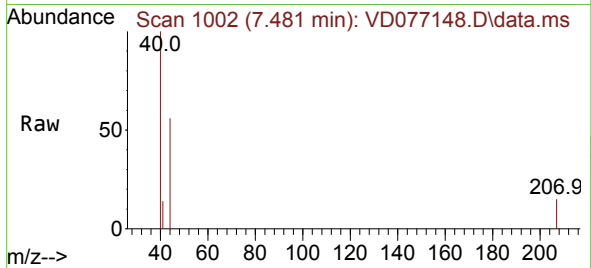
Tgt Ion:	113	Resp:	5856
Ion Ratio	Lower	Upper	
113	100		
111	86.6	84.7	127.1
192	18.1	16.8	25.2





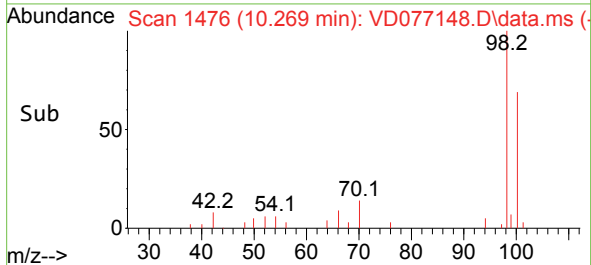
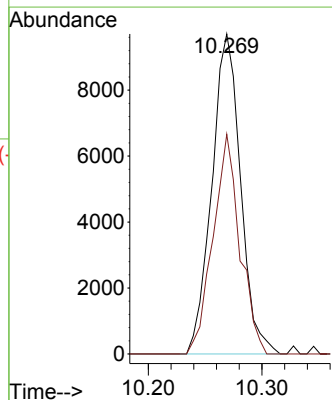
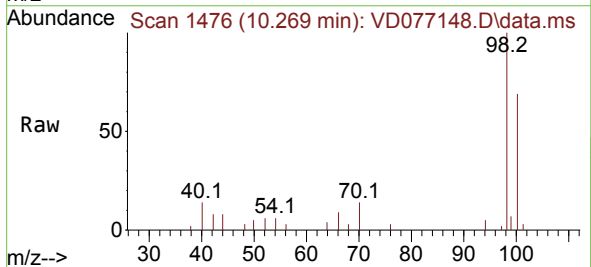
#41
Methacrylonitrile
Concen: 2.206 ug/l
RT: 7.481 min Scan# 1002
Delta R.T. 0.082 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

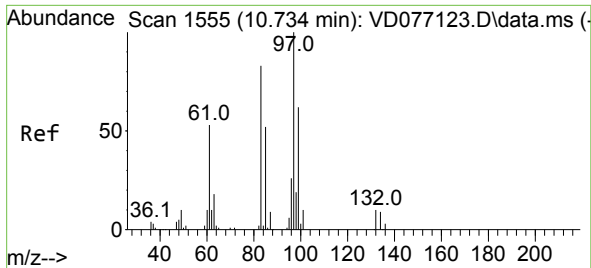
Tgt Ion:	41	Resp:	60
Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#50
Toluene-d8
Concen: 54.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

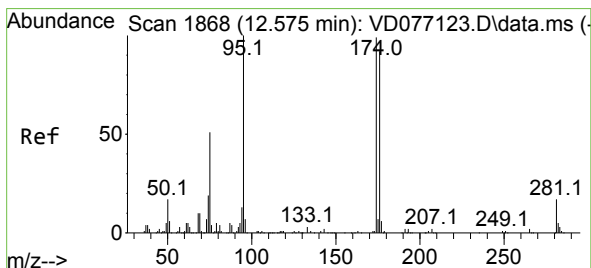
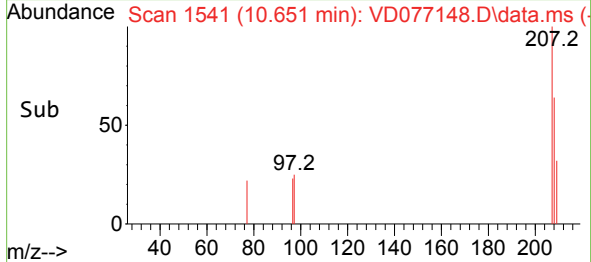
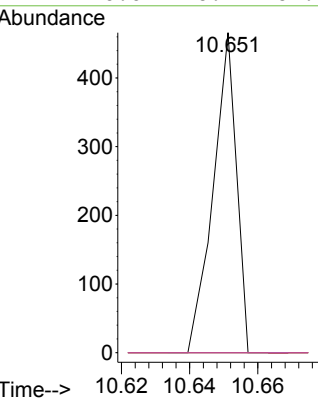
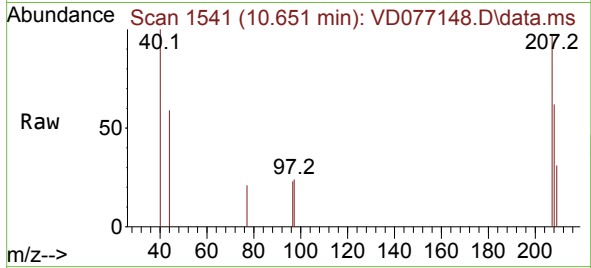
Tgt Ion:	98	Resp:	17049
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.3	75.5





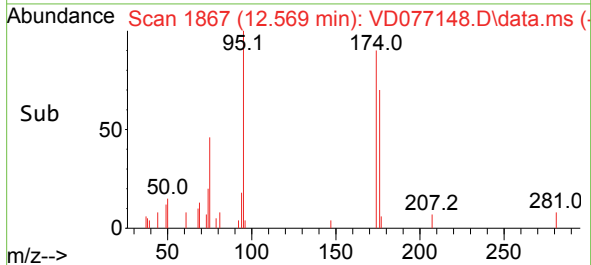
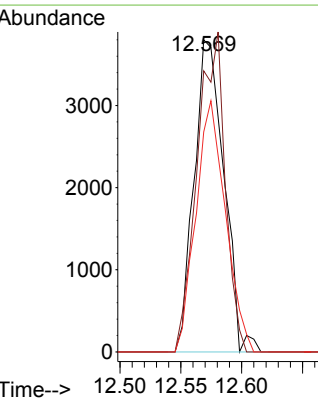
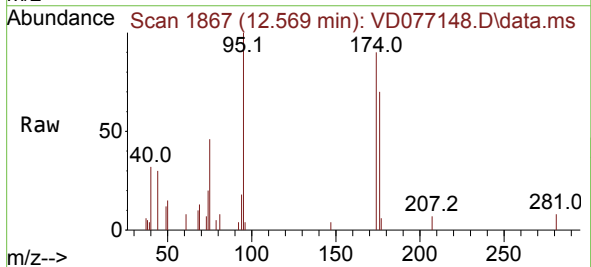
#55
1,1,2-Trichloroethane
Concen: 2.801 ug/l
RT: 10.651 min Scan# 1541
Delta R.T. -0.082 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

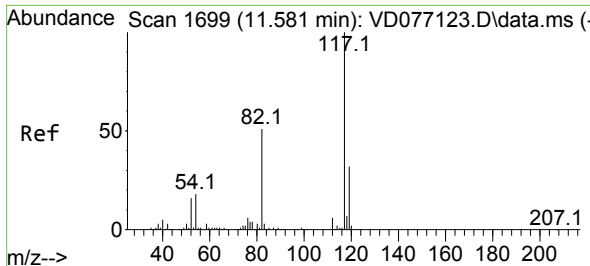
Tgt Ion: 97	Resp: 221
Ion Ratio	Lower Upper
97 100	
83 0.0	65.8 98.6#
85 0.0	45.7 68.5#
99 0.0	46.2 69.4#



#62
4-Bromofluorobenzene
Concen: 66.488 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

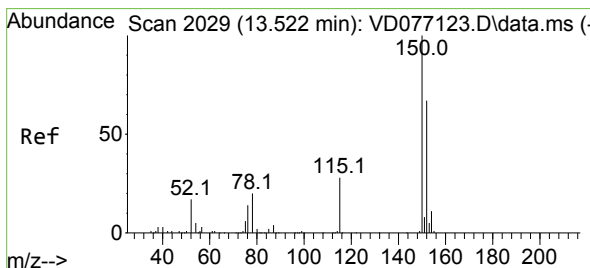
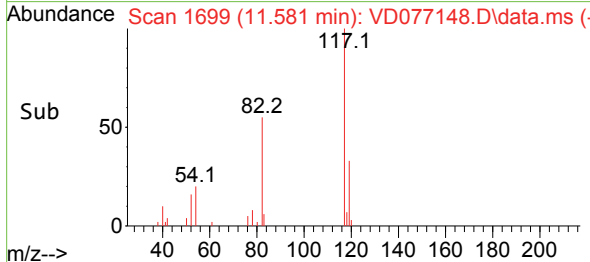
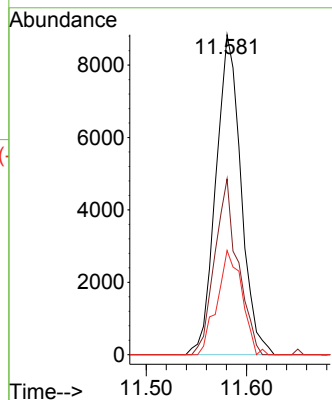
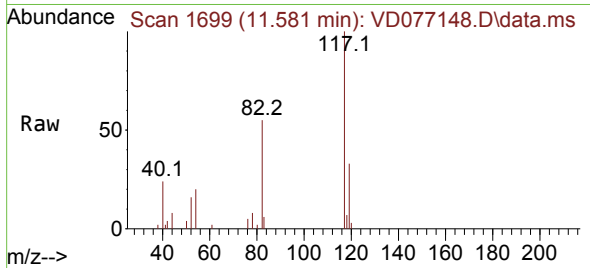
Tgt Ion: 95	Resp: 6470
Ion Ratio	Lower Upper
95 100	
174 95.9	0.0 201.8
176 80.2	0.0 191.8





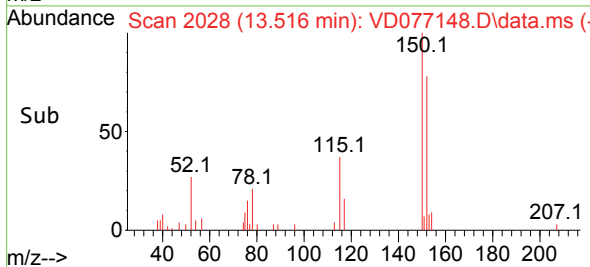
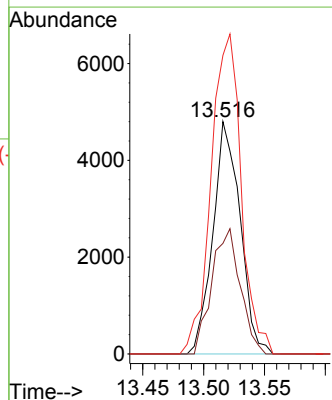
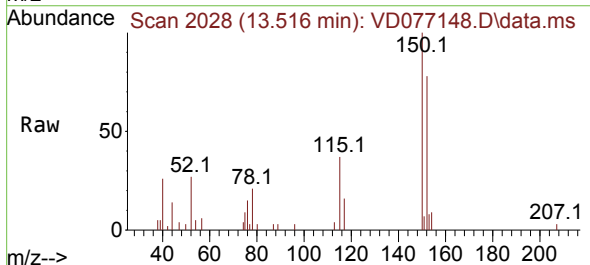
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

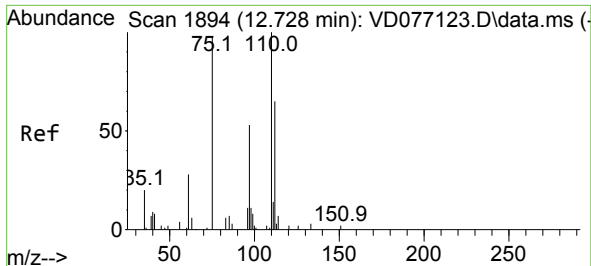
Tgt Ion:	117	Resp:	15353
Ion Ratio	Lower	Upper	
117	100		
82	55.0	38.3	57.5
119	32.6	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

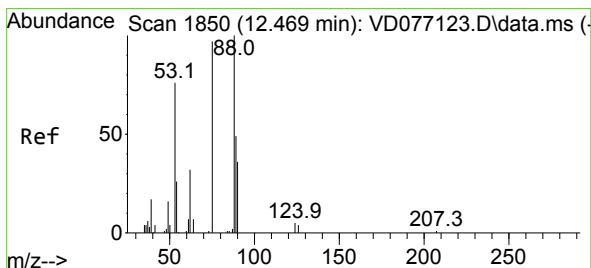
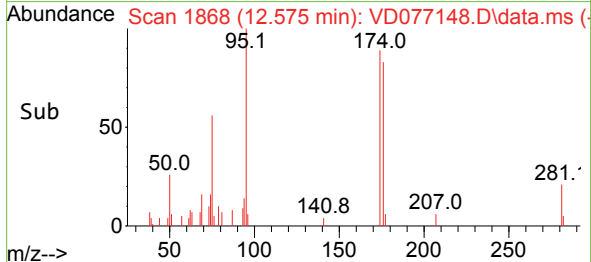
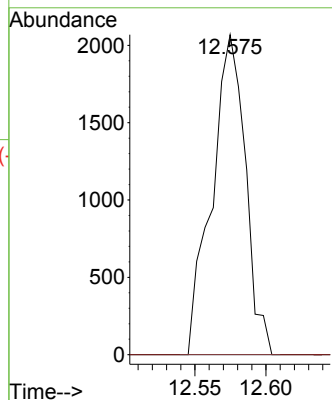
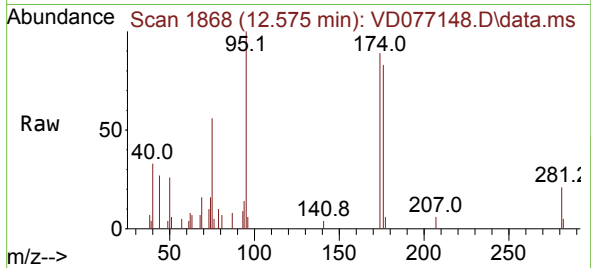
Tgt Ion:	152	Resp:	7469
Ion Ratio	Lower	Upper	
152	100		
115	56.4	27.1	81.3
150	151.7	0.0	353.6





#76
1,2,3-Trichloropropane
Concen: 57.202 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

Tgt Ion: 75 Resp: 3408
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 108.272 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077148.D
Acq: 19 Sep 2023 16:04

Tgt Ion: 75 Resp: 3408
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

