

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079679.D
 Acq On : 08 Aug 2024 20:48
 Operator : RP/MD
 Sample : P3489-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

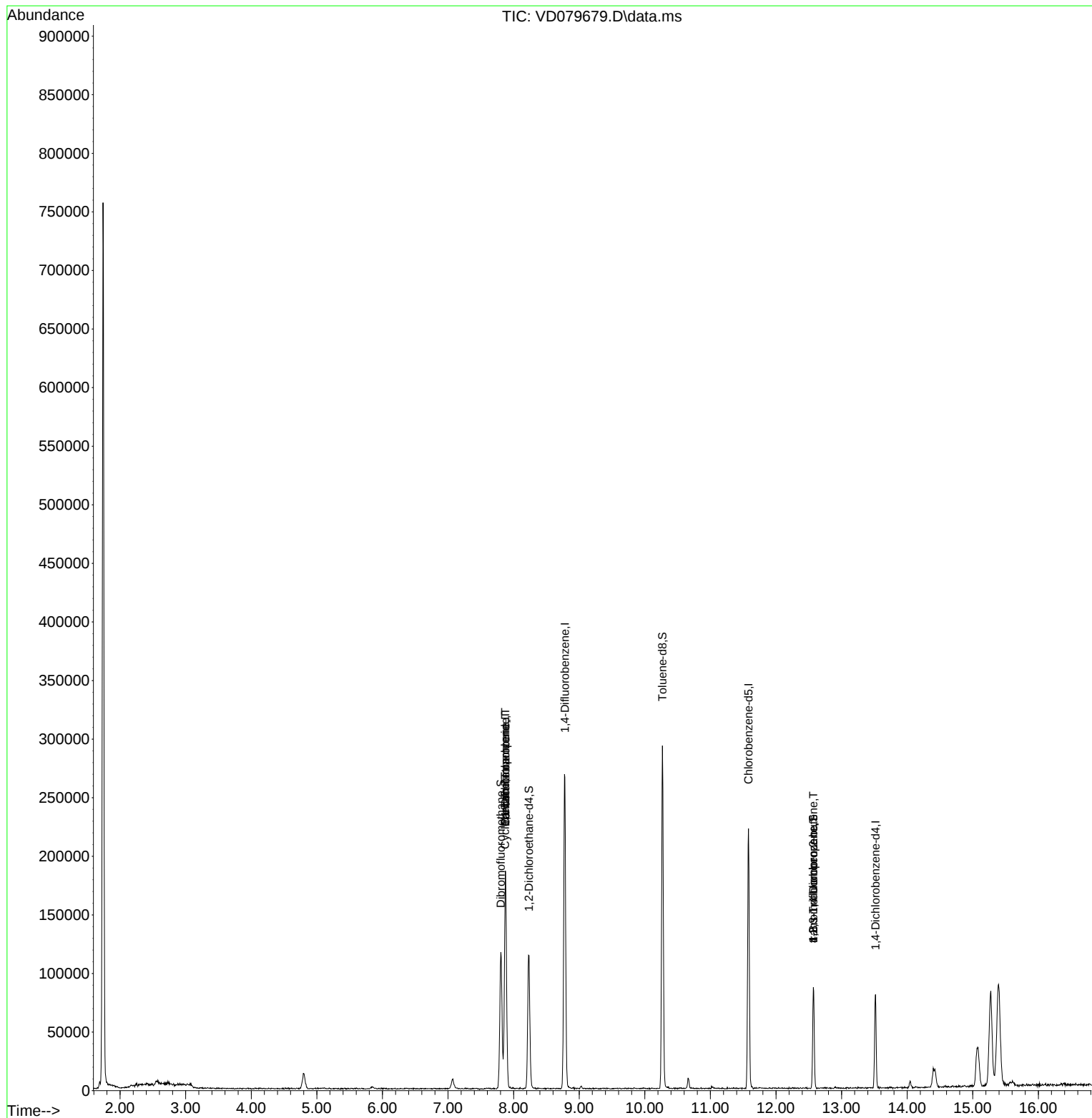
Internal Standards						
1) Pentafluorobenzene	7.875	168	139968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90483	63.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.260%	
35) Dibromofluoromethane	7.805	113	86548	52.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.269	98	207721	32.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.600%	
62) 4-Bromofluorobenzene	12.569	95	26233	14.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 28.200%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	381	Below Cal		98
20) Methylene Chloride	4.793	84	10145	Below Cal		90
31) Cyclohexane	7.869	56	3083	1.305	ug/l #	52
36) 1,1-Dichloropropene	7.875	75	11637	5.148	ug/l #	46
38) Carbon Tetrachloride	7.875	117	13627	5.735	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	13674	69.311	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	13674	132.195	ug/l #	19

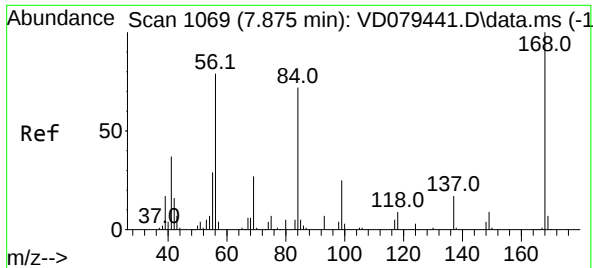
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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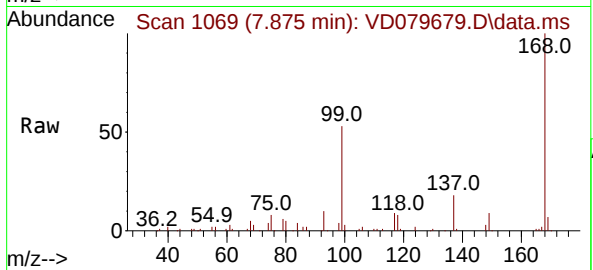
Quant Time: Aug 09 01:13:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



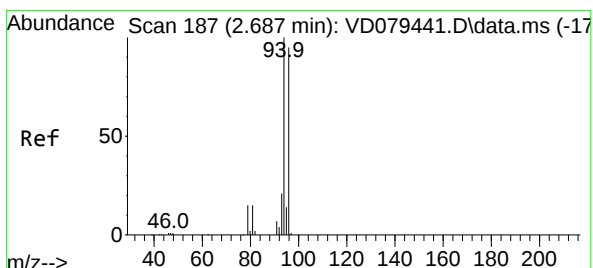
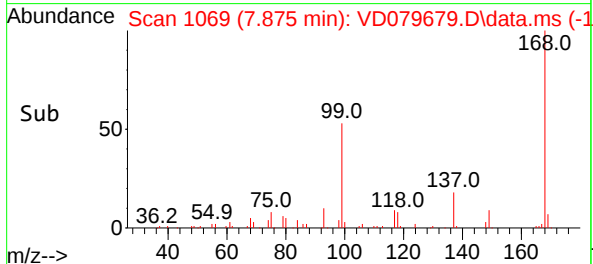
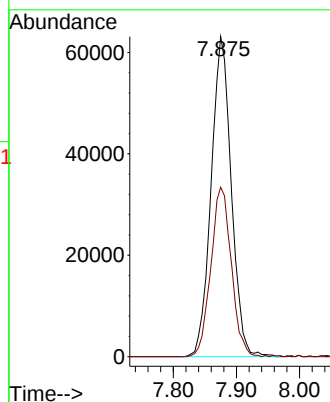


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Instrument :
MSVOA_D
ClientSampleId :

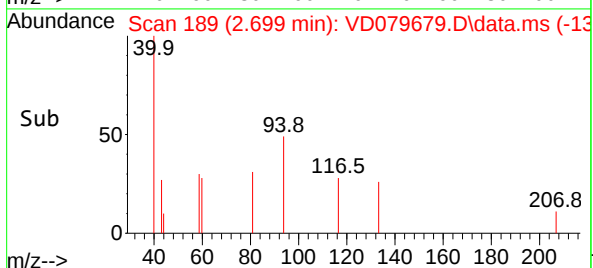
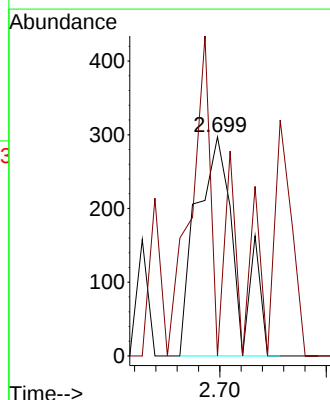
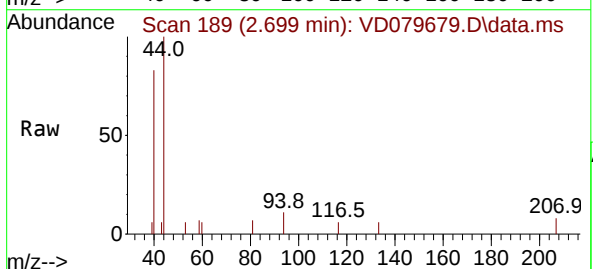


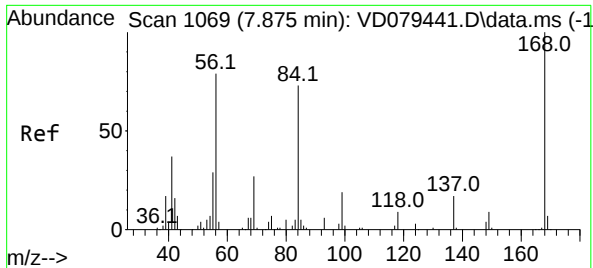
Tgt Ion:168 Resp: 139968
Ion Ratio Lower Upper
168 100
99 52.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

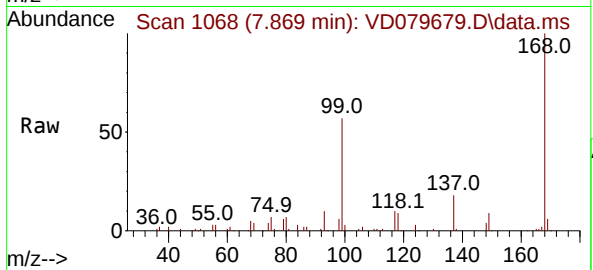
Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 98.2 76.9 115.3



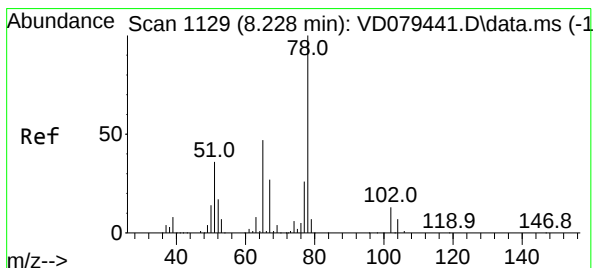
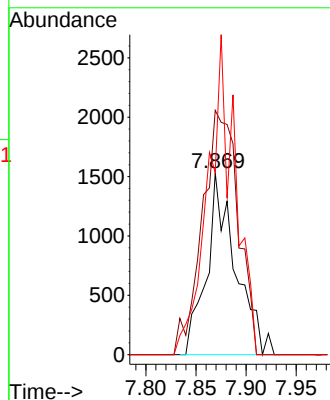
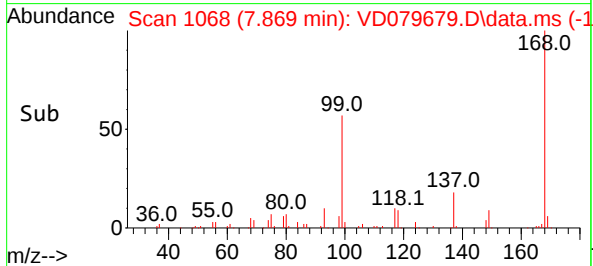


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.869 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Instrument :
MSVOA_D
ClientSampleId :

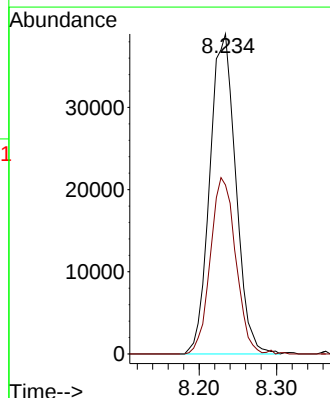
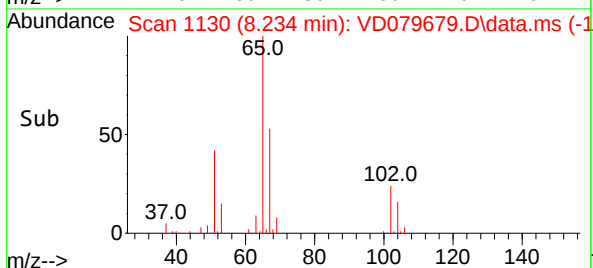
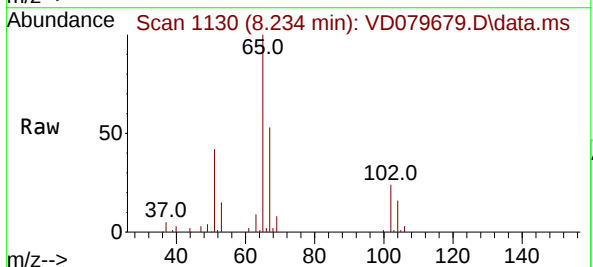


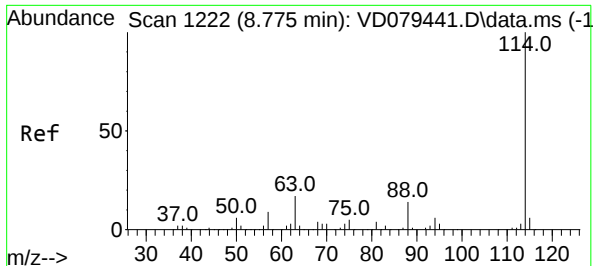
Tgt Ion: 56 Resp: 3083
Ion Ratio Lower Upper
56 100
69 134.2 28.0 42.0#
84 100.0 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 63.633 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion: 65 Resp: 90483
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0

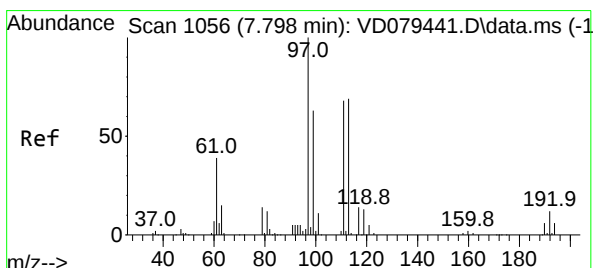
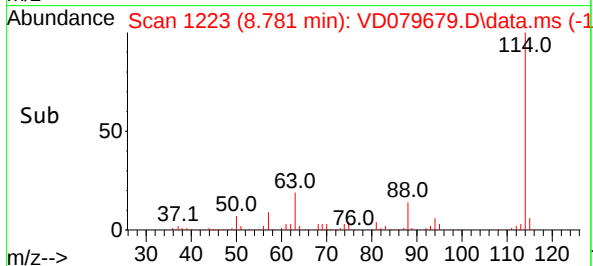
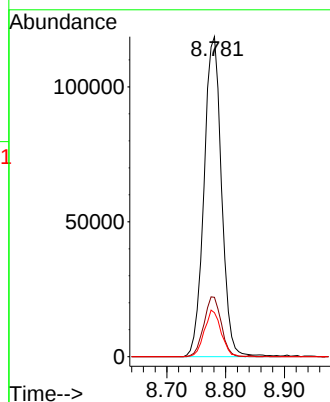
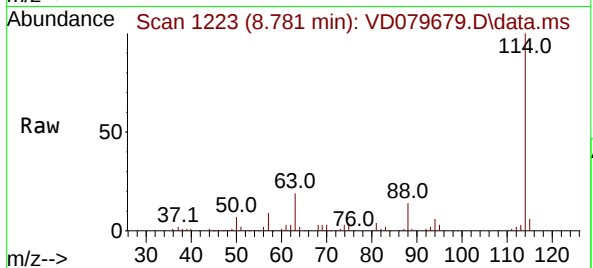




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

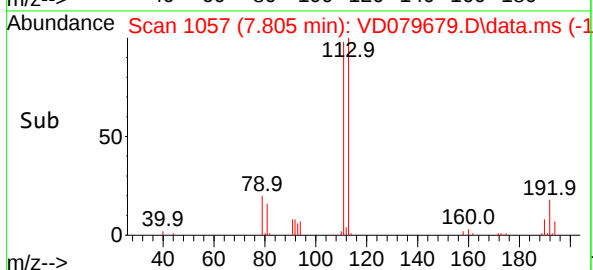
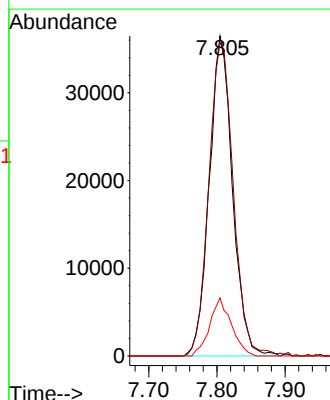
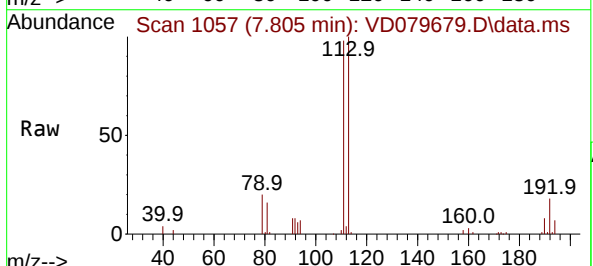
Instrument :
MSVOA_D
ClientSampleId :

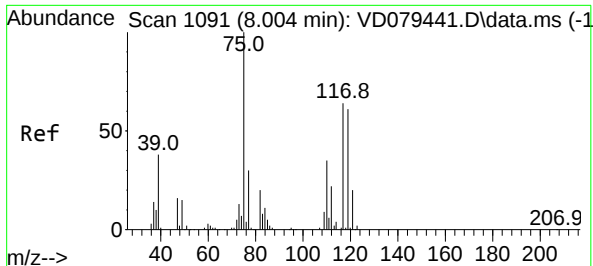
Tgt Ion:114 Resp: 244668
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.262 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion:113 Resp: 86548
Ion Ratio Lower Upper
113 100
111 103.5 84.0 126.0
192 16.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

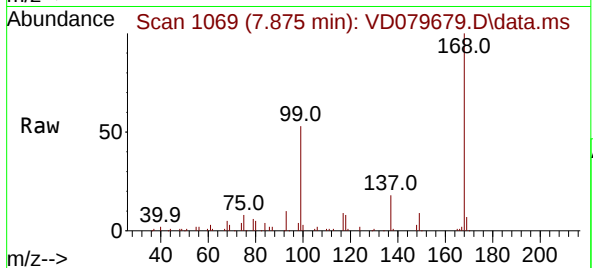
Lab File: VD079679.D

Acq: 08 Aug 2024 20:48

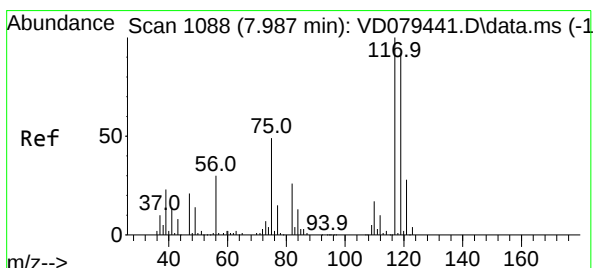
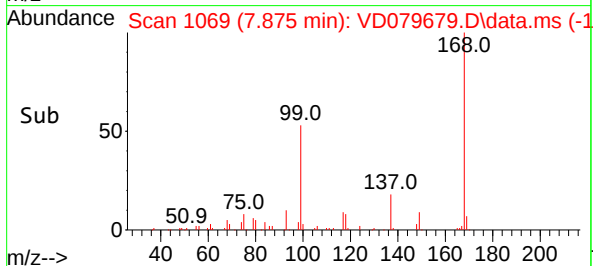
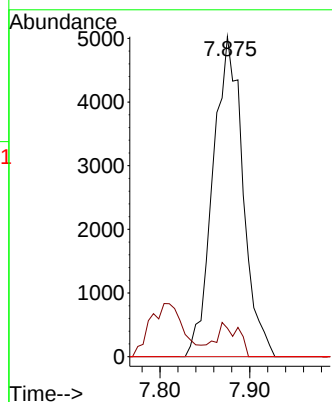
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	11637
Ion Ratio	Lower	Upper	
75	100		
110	8.3	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.735 ug/l

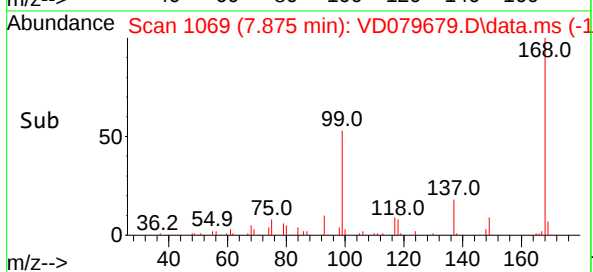
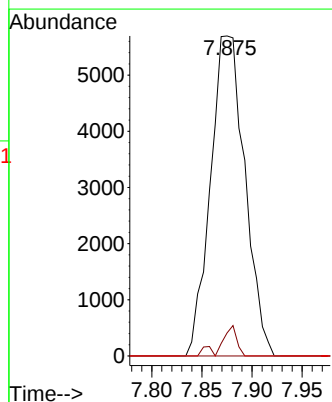
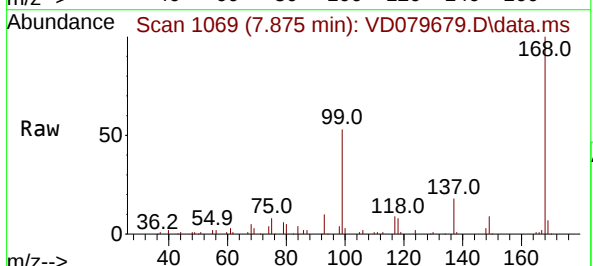
RT: 7.875 min Scan# 1069

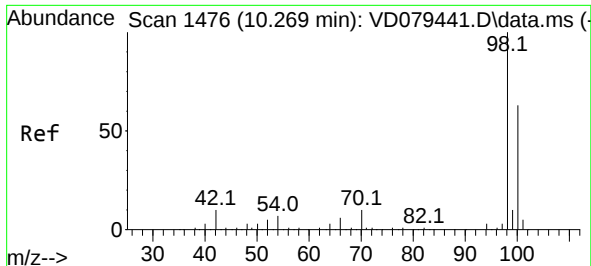
Delta R.T. -0.112 min

Lab File: VD079679.D

Acq: 08 Aug 2024 20:48

Tgt Ion:	117	Resp:	13627
Ion Ratio	Lower	Upper	
117	100		
119	7.2	75.4	113.0#
121	0.0	25.0	37.4#

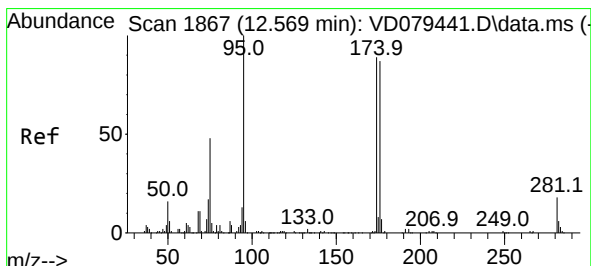
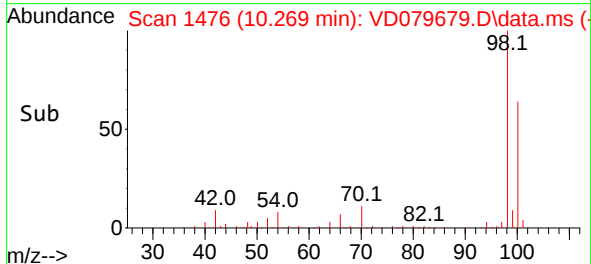
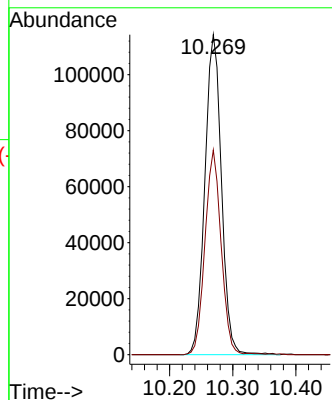
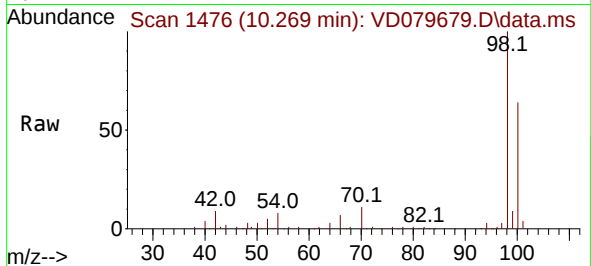




#50
Toluene-d8
Concen: 32.300 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

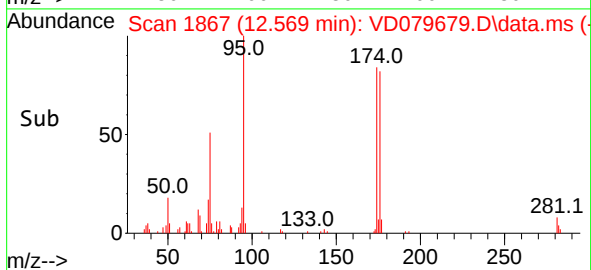
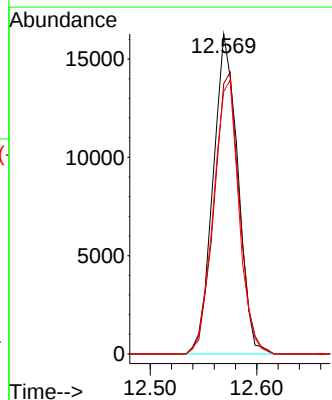
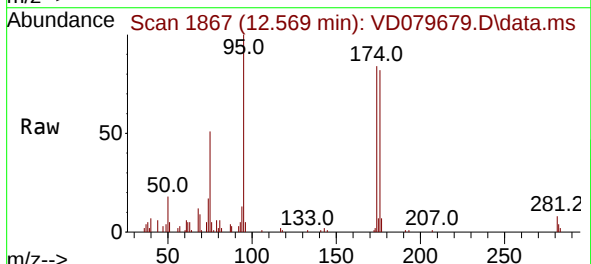
Instrument :
MSVOA_D
ClientSampleId :

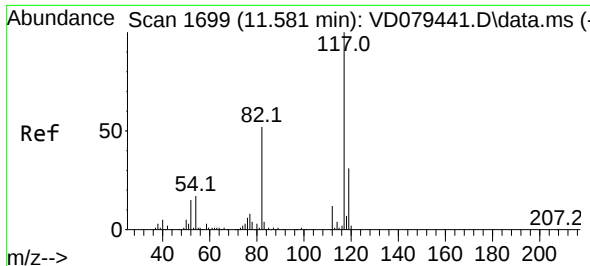
Tgt Ion: 98 Resp: 207721
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 14.096 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

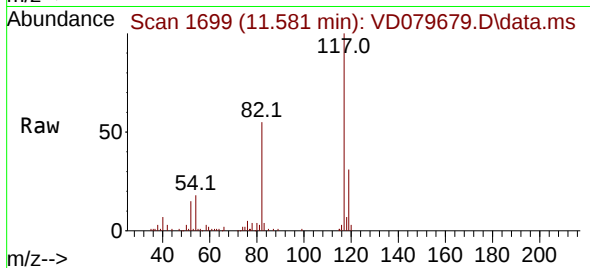
Tgt Ion: 95 Resp: 26233
Ion Ratio Lower Upper
95 100
174 90.2 0.0 195.4
176 88.2 0.0 192.6



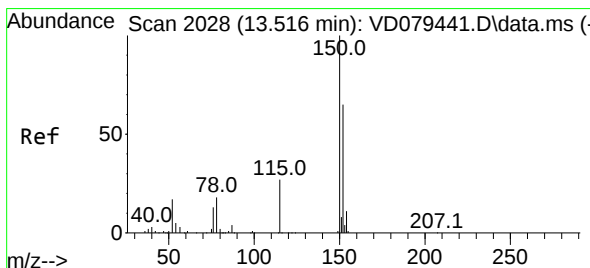
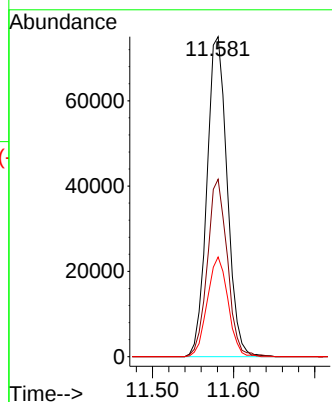
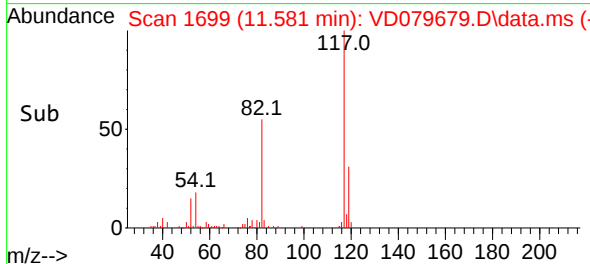


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Instrument :
MSVOA_D
ClientSampleId :

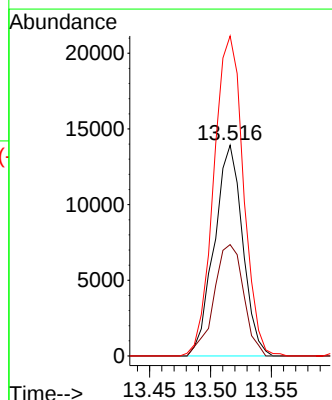
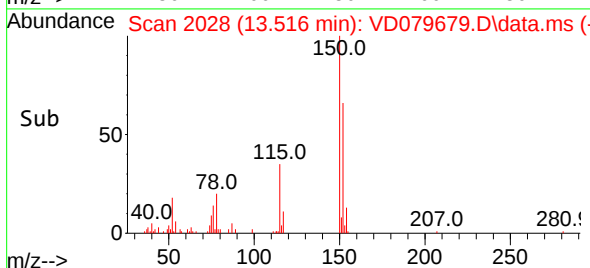
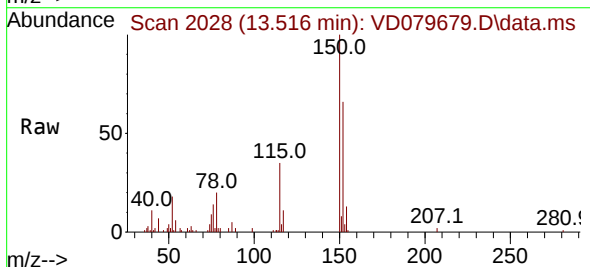


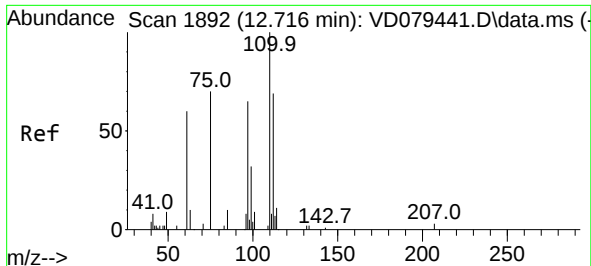
Tgt Ion:117 Resp: 130011
Ion Ratio Lower Upper
117 100
82 55.5 39.8 59.6
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion:152 Resp: 22570
Ion Ratio Lower Upper
152 100
115 55.2 26.5 79.5
150 158.5 0.0 341.6

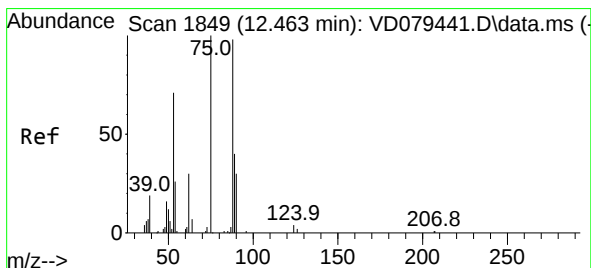
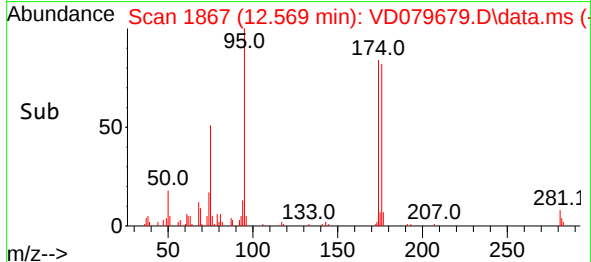
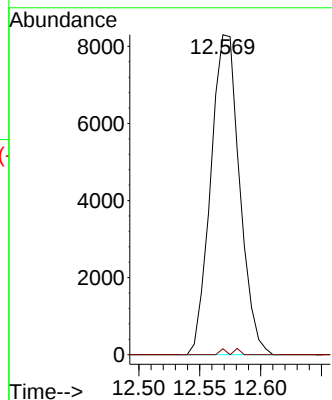
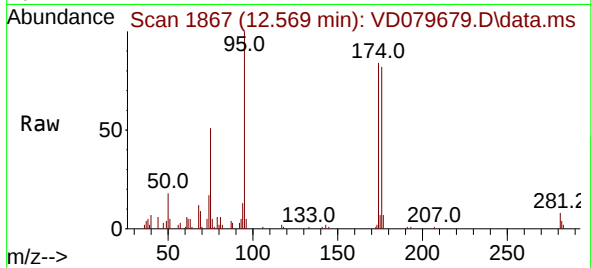




#76
 1,2,3-Trichloropropane
 Concen: 69.311 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079679.D
 Acq: 08 Aug 2024 20:48

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 13674
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.195 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079679.D
 Acq: 08 Aug 2024 20:48

Tgt Ion: 75 Resp: 13674
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

