

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079692.D
 Acq On : 09 Aug 2024 14:44
 Operator : RP/MD
 Sample : P3474-09
 Misc : 7.56G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 02:10:11 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)

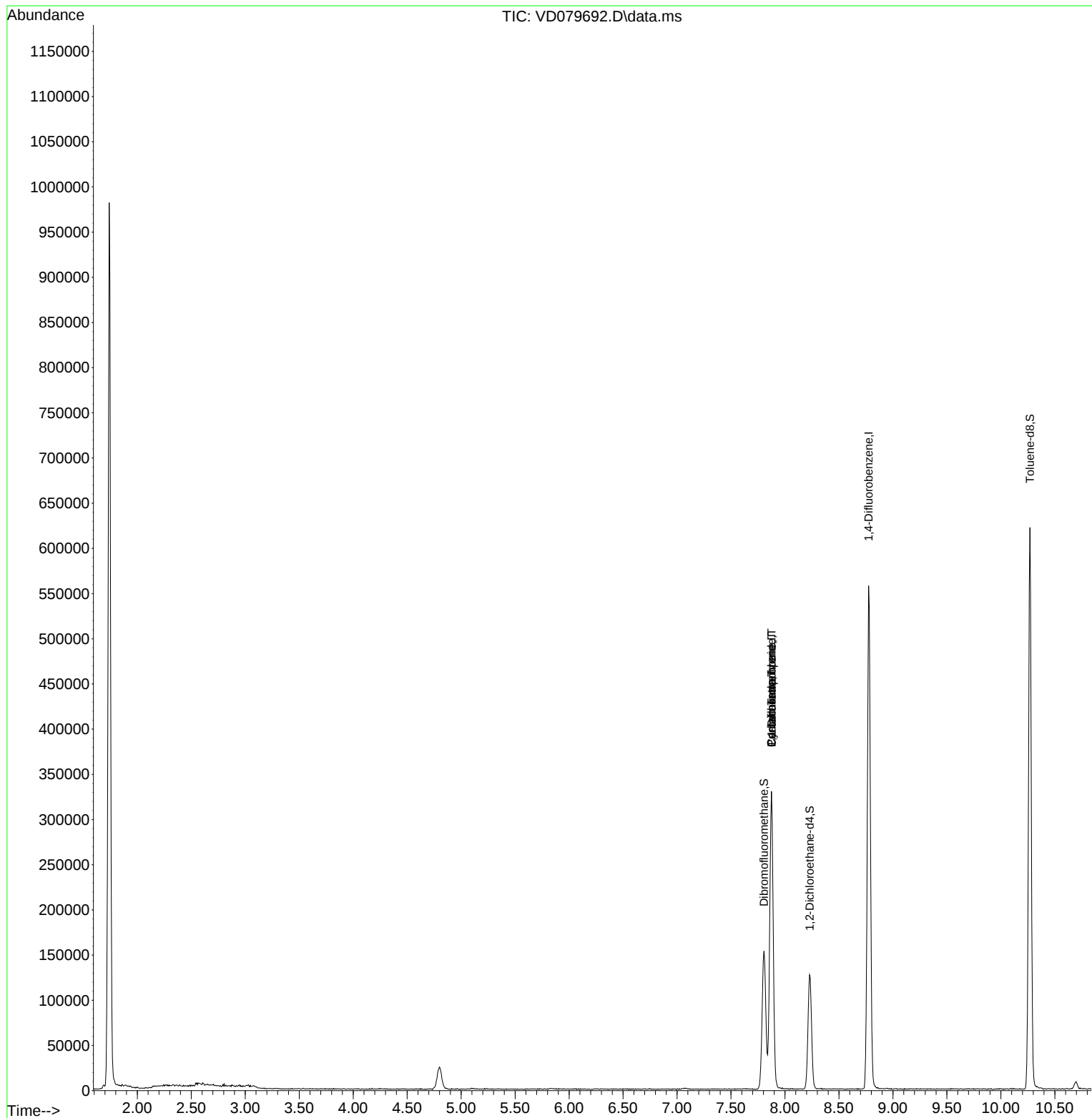
Internal Standards						
1) Pentafluorobenzene	7.875	168	248397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	490260	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.58
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.51
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101083	40.057	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.120%	
35) Dibromofluoromethane	7.804	113	113258	34.131	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.260%	
50) Toluene-d8	10.269	98	435424	33.790	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.580%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	703	Below Cal	#	55
20) Methylene Chloride	4.799	84	18335	Below Cal		91
31) Cyclohexane	7.875	56	5902	1.408	ug/l #	17
36) 1,1-Dichloropropene	7.875	75	20257	4.473	ug/l #	46
38) Carbon Tetrachloride	7.875	117	25145	5.281	ug/l #	17

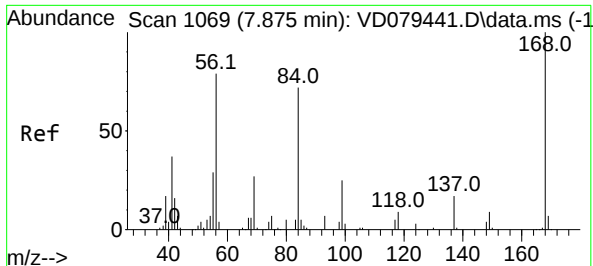
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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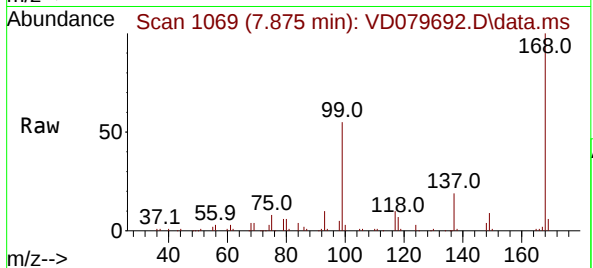
Quant Time: Aug 10 02:10:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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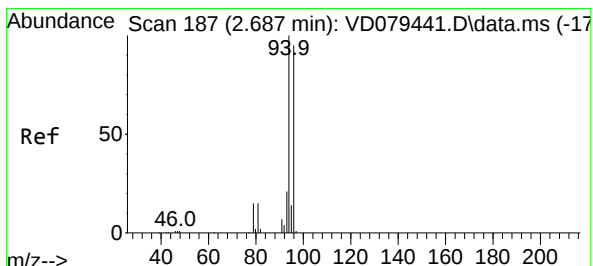
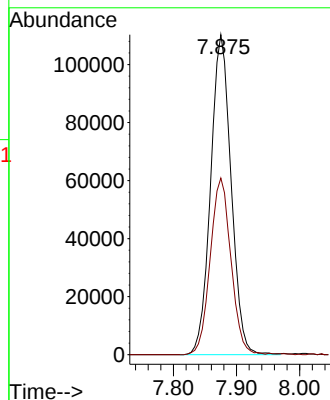
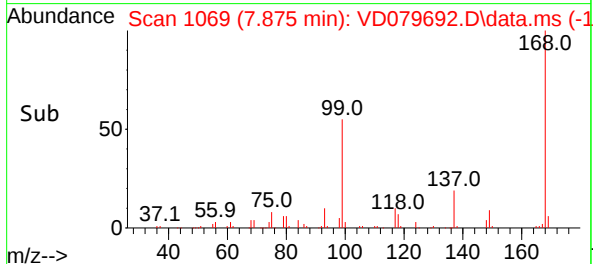


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Instrument :
MSVOA_D
ClientSampleId :

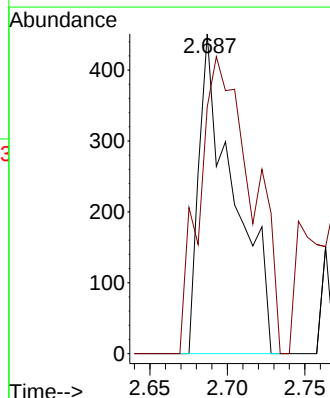
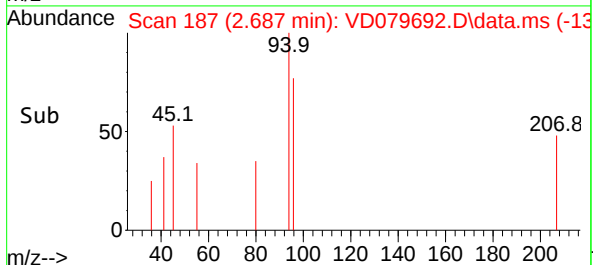
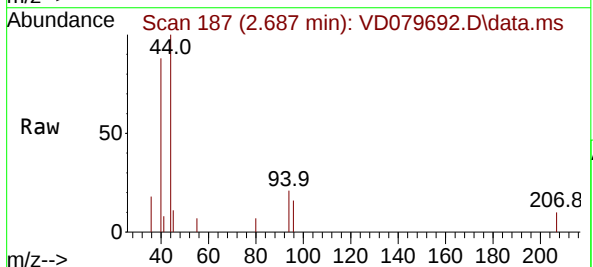


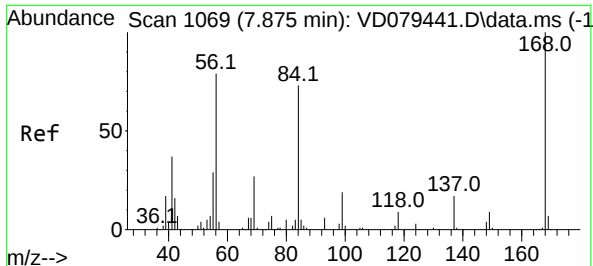
Tgt Ion:168 Resp: 248397
Ion Ratio Lower Upper
168 100
99 55.2 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

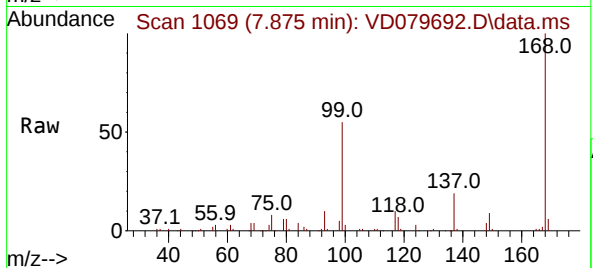
Tgt Ion: 94 Resp: 703
Ion Ratio Lower Upper
94 100
96 140.0 76.9 115.3#



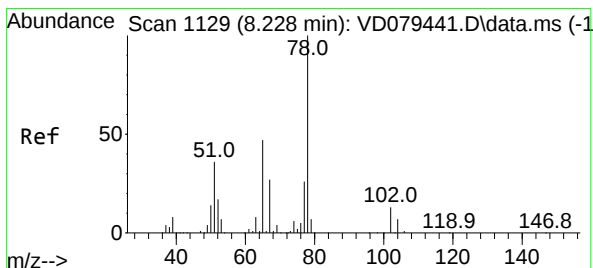
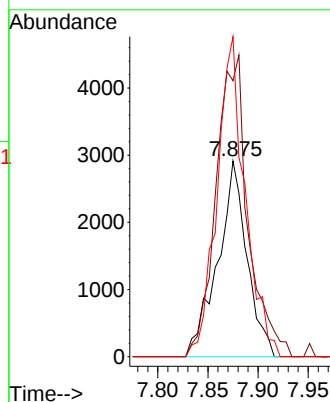
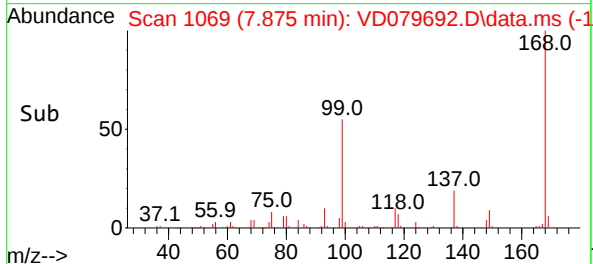


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Instrument :
MSVOA_D
ClientSampleId :

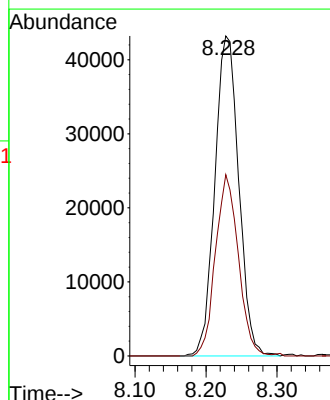
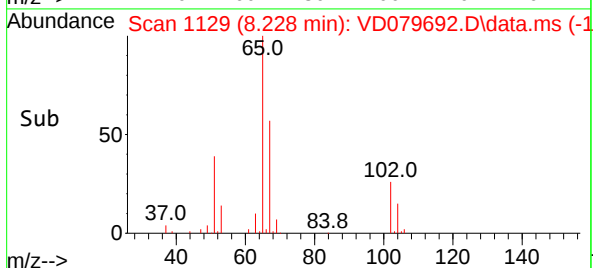
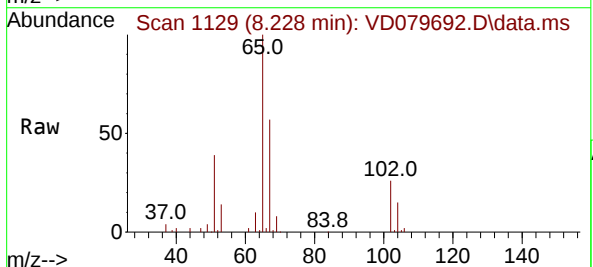


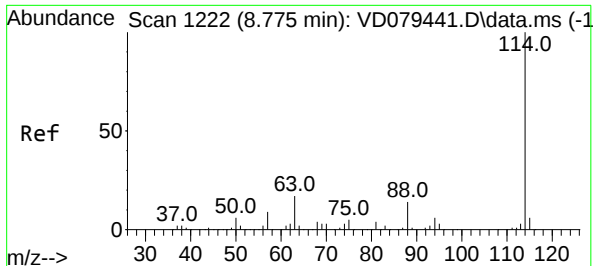
Tgt Ion: 56 Resp: 5902
Ion Ratio Lower Upper
56 100
69 141.1 28.0 42.0#
84 163.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 40.057 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Tgt Ion: 65 Resp: 101083
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

Instrument :

MSVOA_D

ClientSampleId :

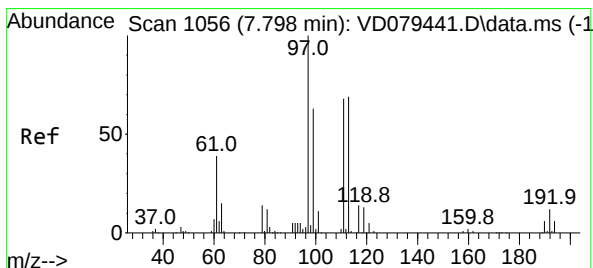
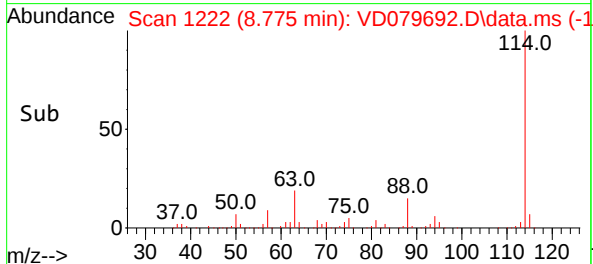
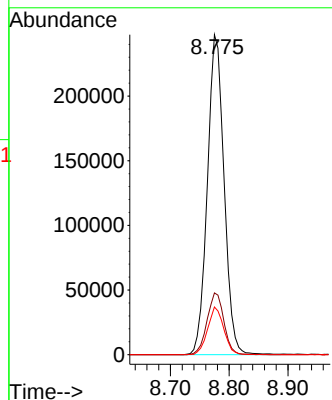
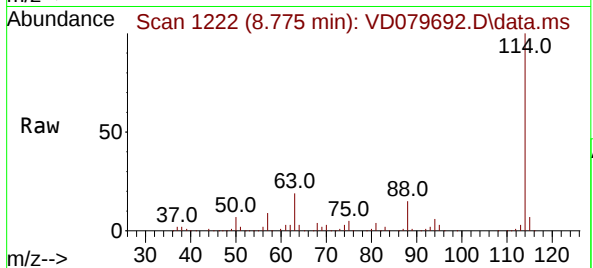
Tgt Ion:114 Resp: 490260

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.131 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

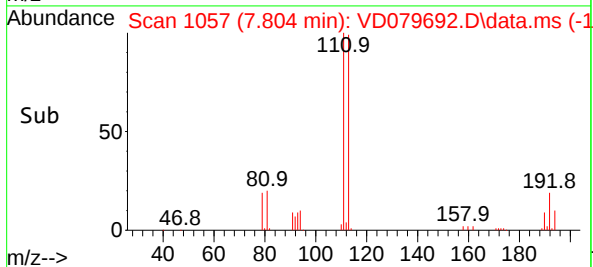
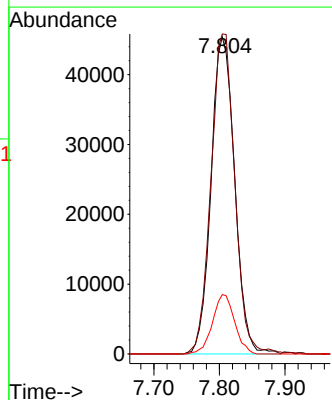
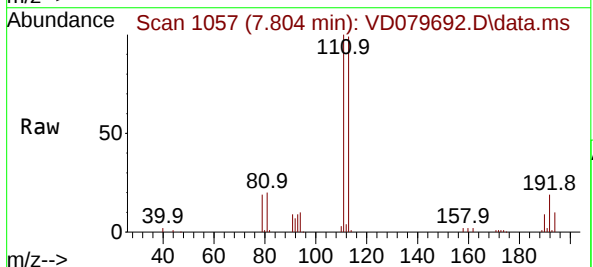
Tgt Ion:113 Resp: 113258

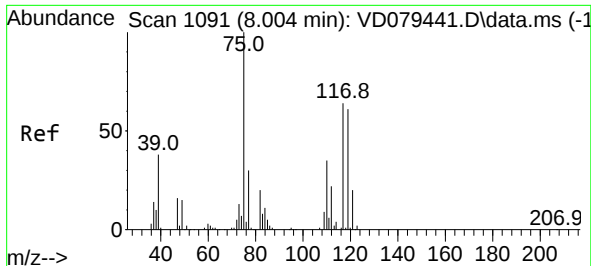
Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 17.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

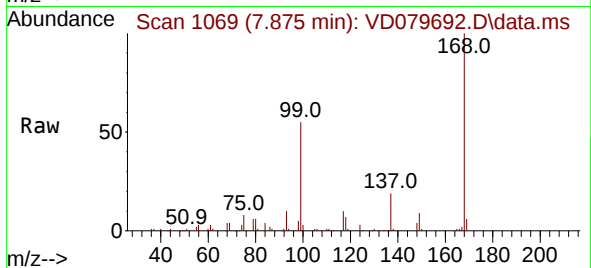
Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

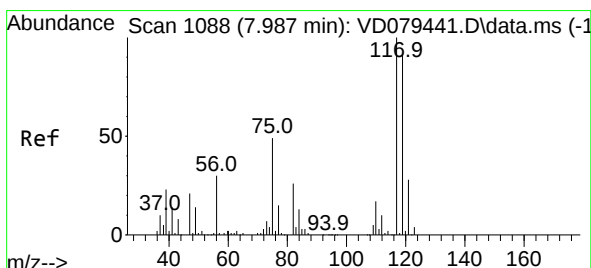
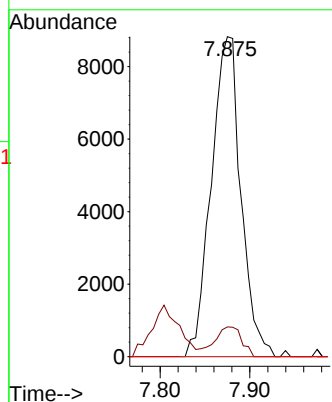
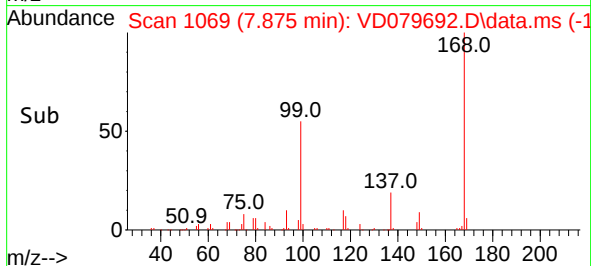
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	20257
Ion Ratio	Lower	Upper	
75	100		
110	8.3	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

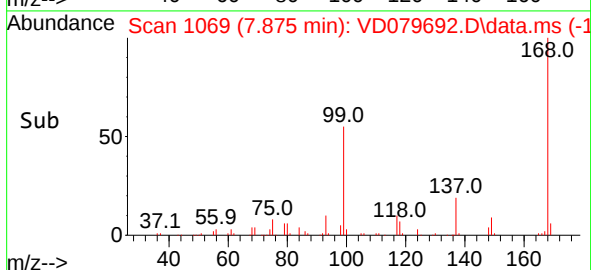
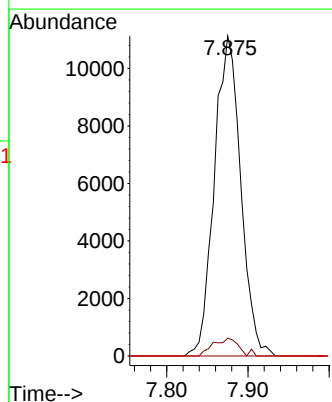
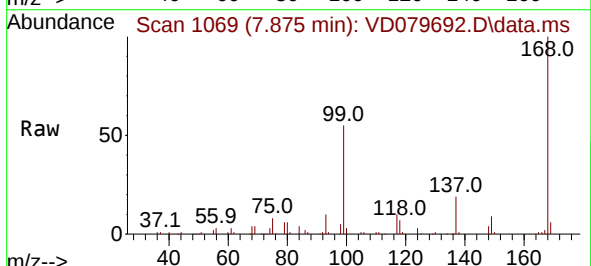
RT: 7.875 min Scan# 1069

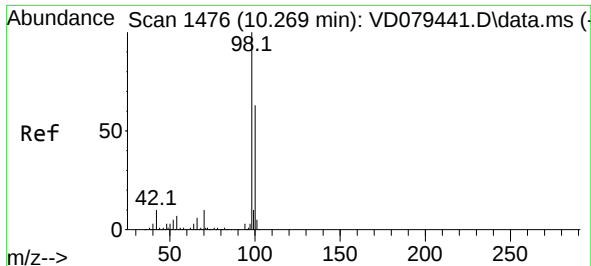
Delta R.T. -0.112 min

Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

Tgt Ion:	117	Resp:	25145
Ion Ratio	Lower	Upper	
117	100		
119	5.5	75.4	113.0#
121	0.0	25.0	37.4#

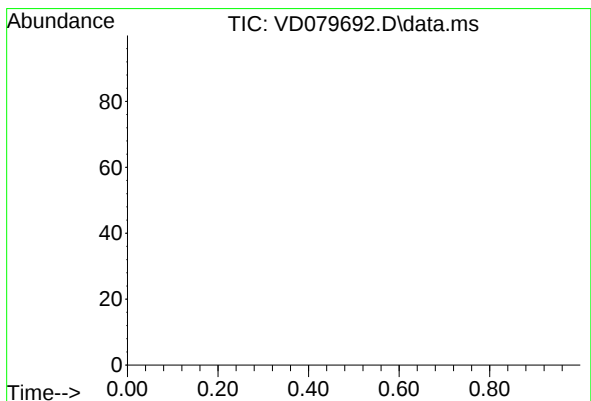
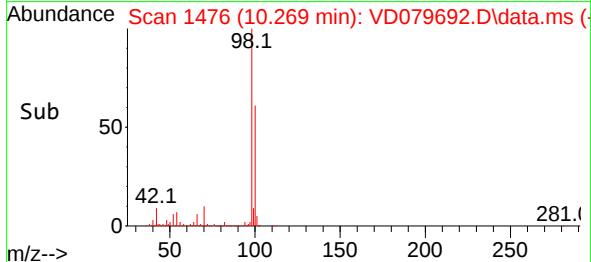
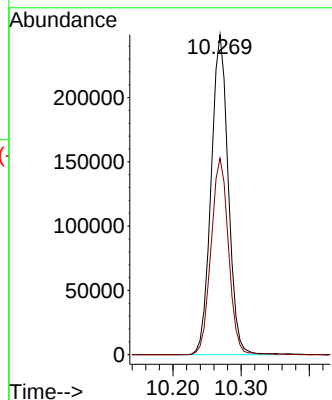
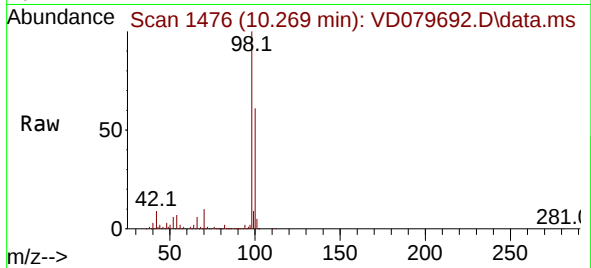




#50
Toluene-d8
Concen: 33.790 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Instrument :
MSVOA_D
ClientSampleId :

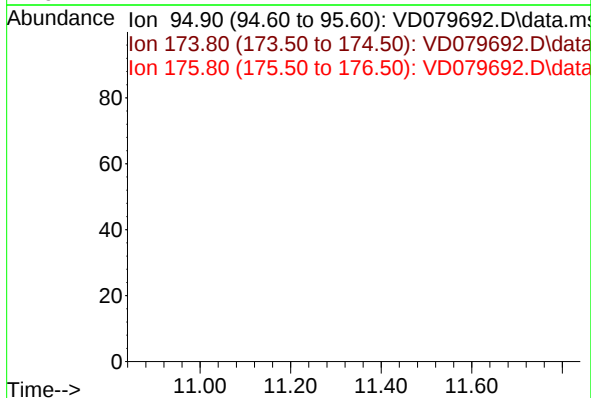
Tgt Ion: 98 Resp: 435424
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4

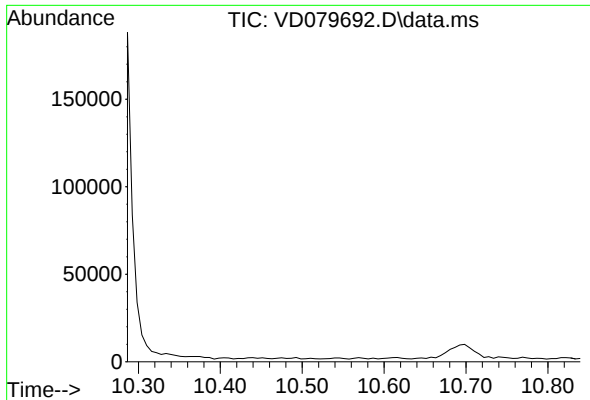


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Tgt Ion: 95
Sig Exp Ratio
95 100
174 97.7
176 96.3



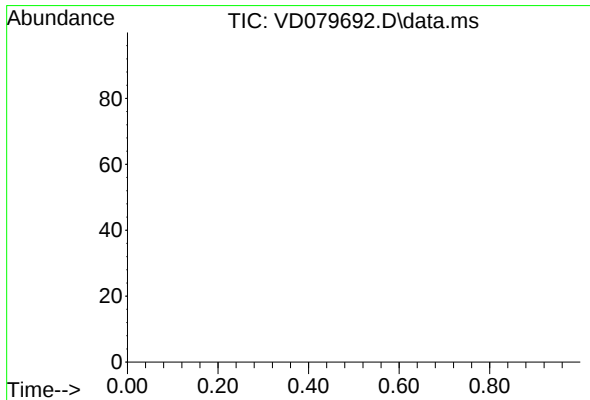
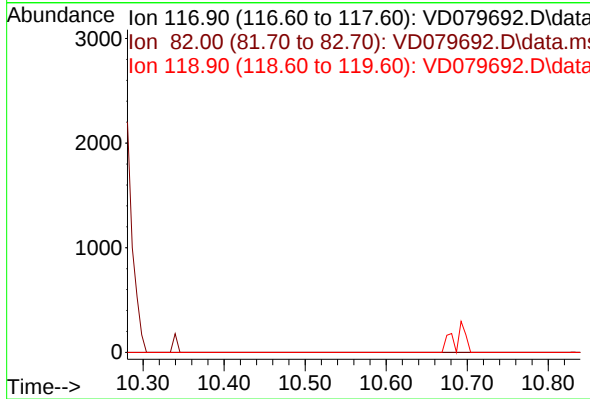


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.58 min
 Lab File: VD079692.D
 Acq: 09 Aug 2024 14:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	49.7
119	32.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.51 min
 Lab File: VD079692.D
 Acq: 09 Aug 2024 14:44

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	53.0
150	170.8

