

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079475.D
 Acq On : 31 Jul 2024 01:29
 Operator : RP/MD
 Sample : P3376-13
 Misc : 5.43G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-VOC

Quant Time: Jul 31 04:36:22 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)

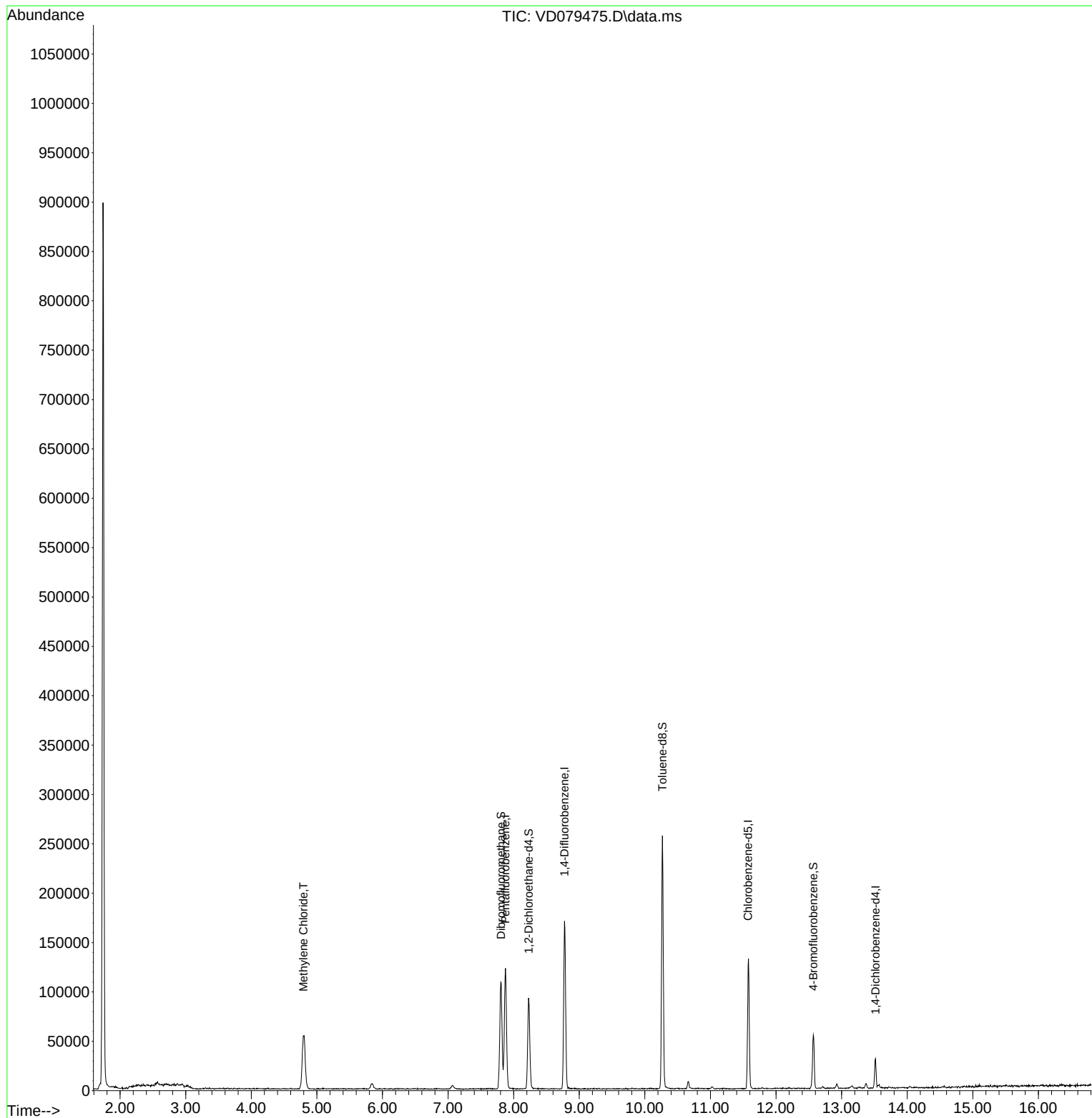
Internal Standards						
1) Pentafluorobenzene	7.875	168	98429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	82482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69476	69.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.960%	
35) Dibromofluoromethane	7.810	113	80066	75.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.380%#	
50) Toluene-d8	10.269	98	182599	44.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.320%	
62) 4-Bromofluorobenzene	12.569	95	15901	13.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 26.580%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	45568	24.922	ug/l	92

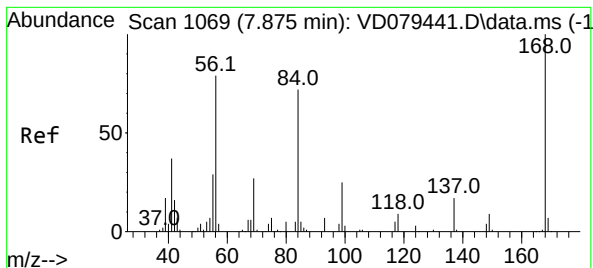
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079475.D

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Instrument :

MSVOA_D

ClientSampleId :

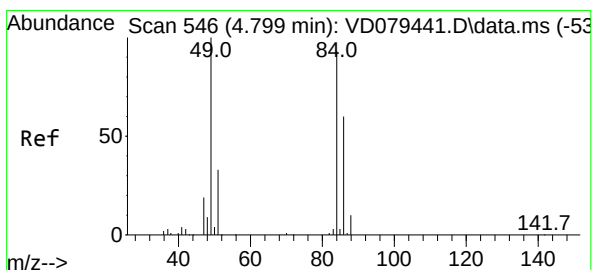
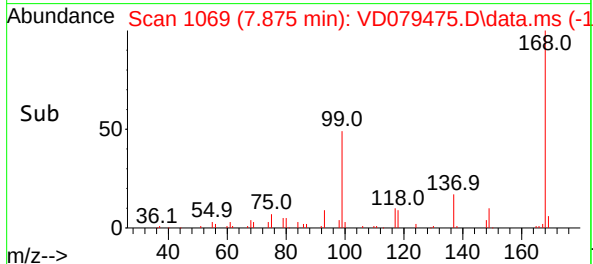
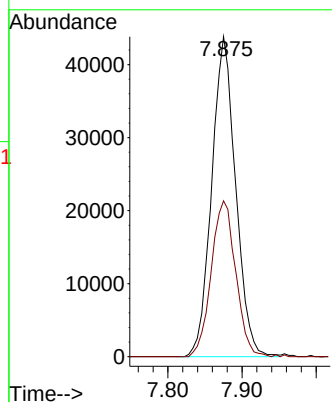
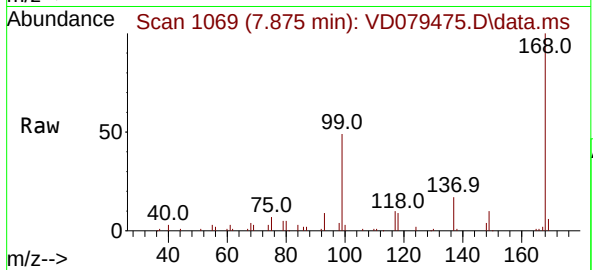
WC-8-VOC

Tgt Ion:168 Resp: 98429

Ion Ratio Lower Upper

168 100

99 48.7 41.1 61.7



#20

Methylene Chloride

Concen: 24.922 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079475.D

Acq: 31 Jul 2024 01:29

Tgt Ion: 84 Resp: 45568

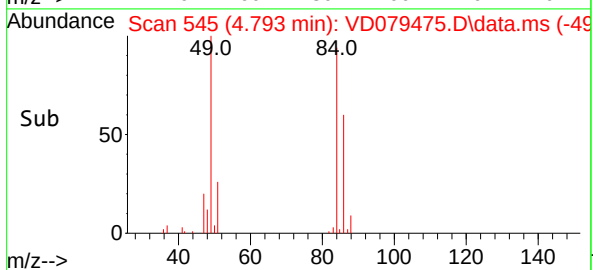
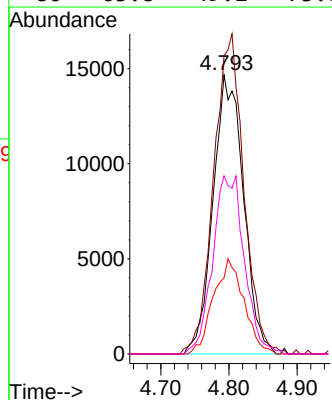
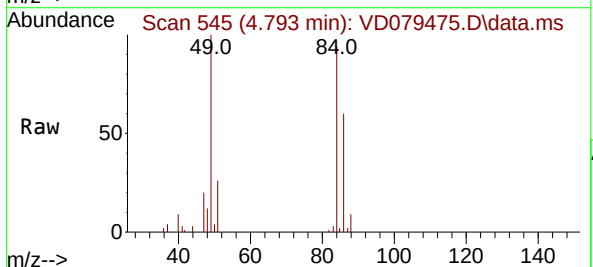
Ion Ratio Lower Upper

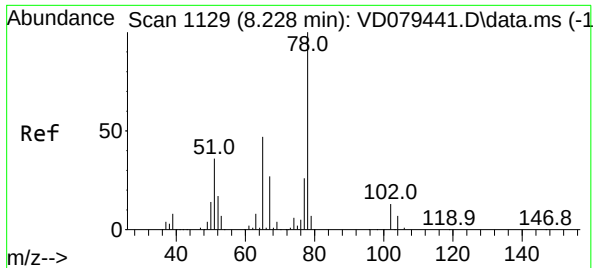
84 100

49 106.9 75.6 113.4

51 27.3 24.2 36.2

86 63.8 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 69.480 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079475.D

Acq: 31 Jul 2024 01:29

Instrument :

MSVOA_D

ClientSampleId :

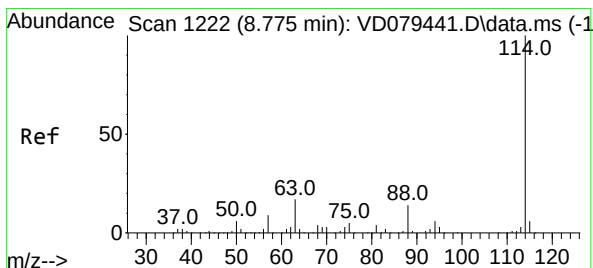
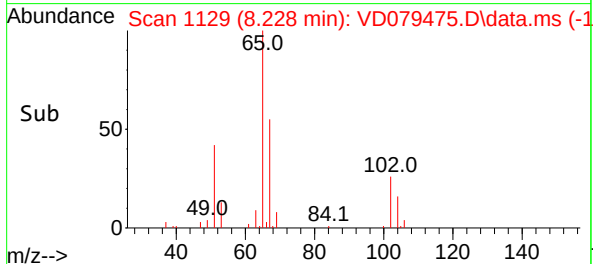
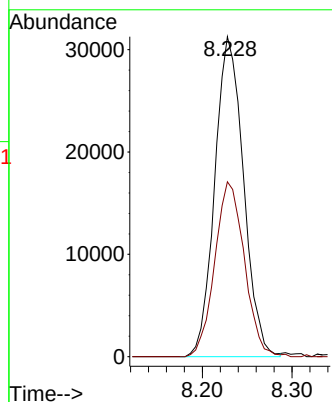
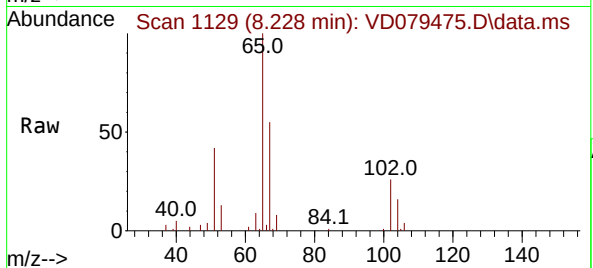
WC-8-VOC

Tgt Ion: 65 Resp: 69476

Ion Ratio Lower Upper

65 100

67 56.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079475.D

Acq: 31 Jul 2024 01:29

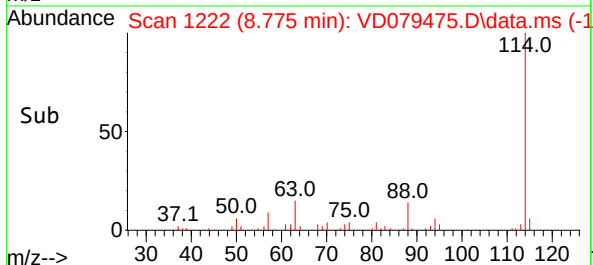
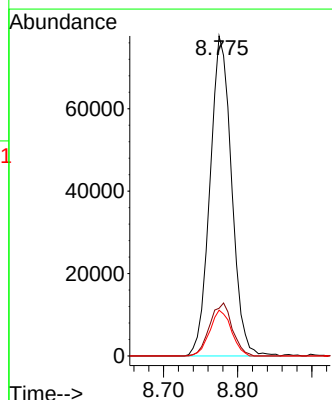
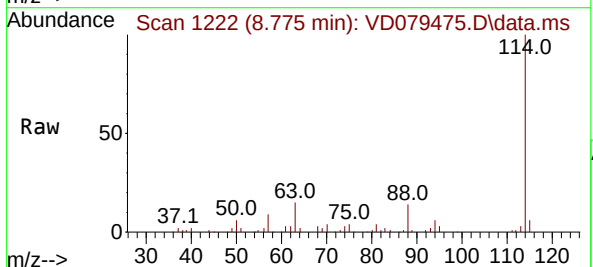
Tgt Ion: 114 Resp: 157324

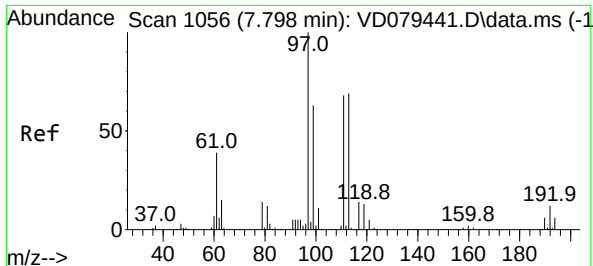
Ion Ratio Lower Upper

114 100

63 14.9 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 75.191 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079475.D

Acq: 31 Jul 2024 01:29

Instrument :

MSVOA_D

ClientSampleId :

WC-8-VOC

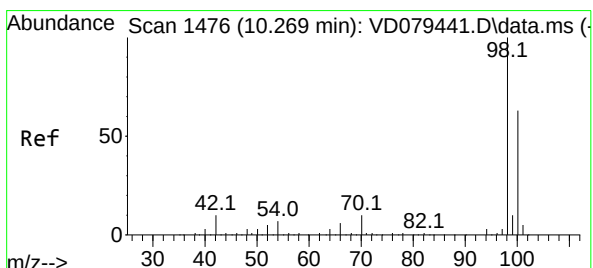
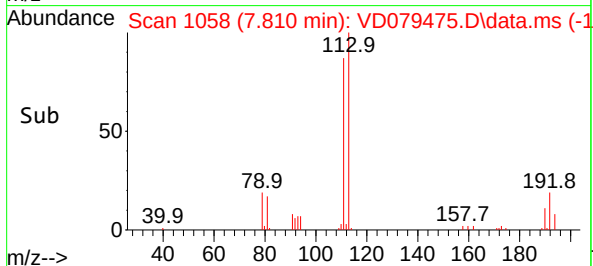
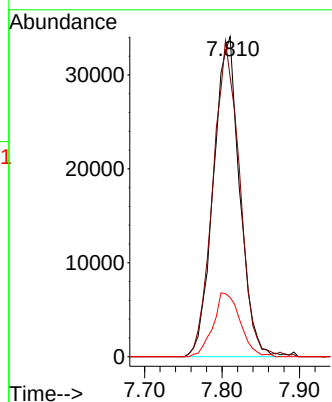
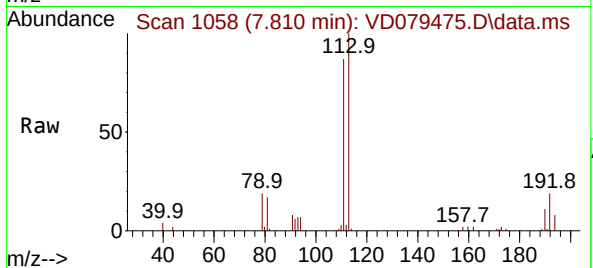
Tgt Ion:113 Resp: 80066

Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 20.6 15.4 23.0



#50

Toluene-d8

Concen: 44.158 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079475.D

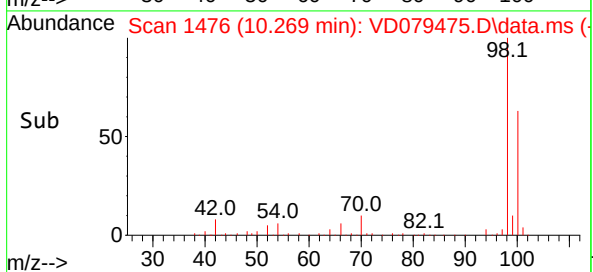
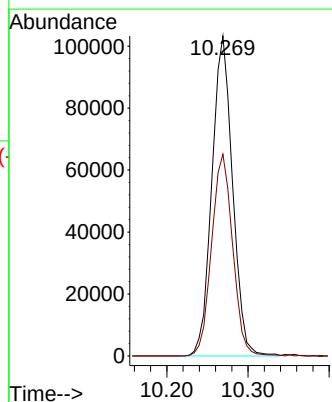
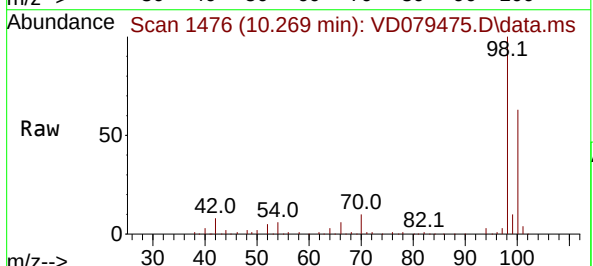
Acq: 31 Jul 2024 01:29

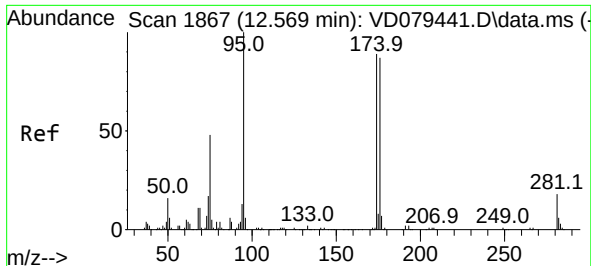
Tgt Ion: 98 Resp: 182599

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4

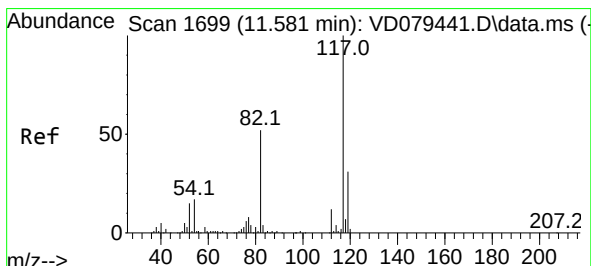
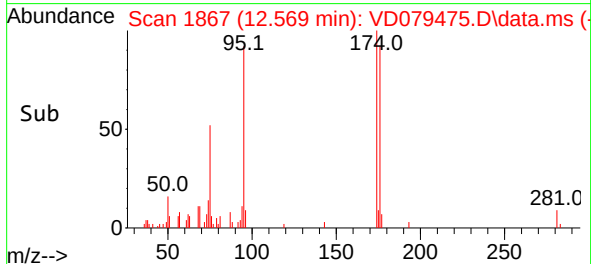
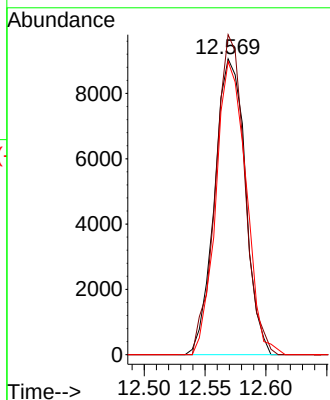
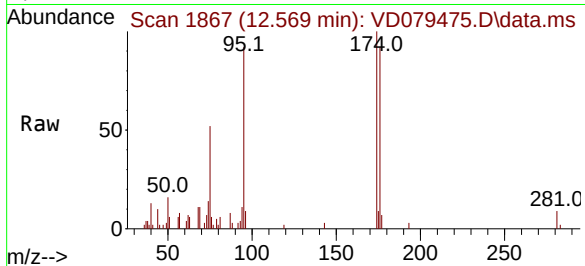




#62
4-Bromofluorobenzene
Concen: 13.288 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079475.D
Acq: 31 Jul 2024 01:29

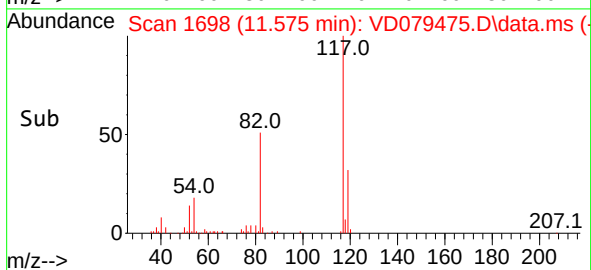
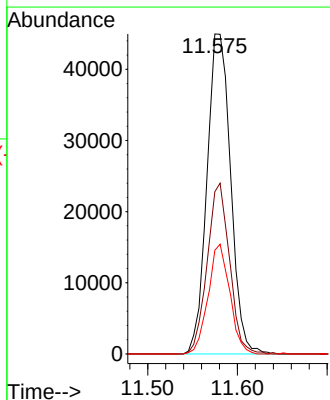
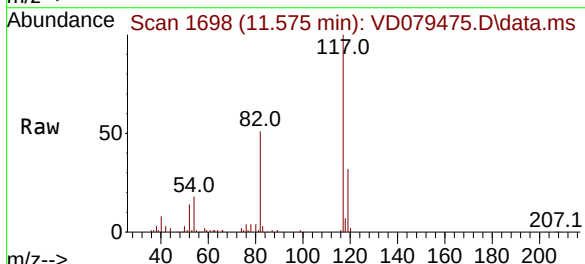
Instrument :
MSVOA_D
ClientSampleId :
WC-8-VOC

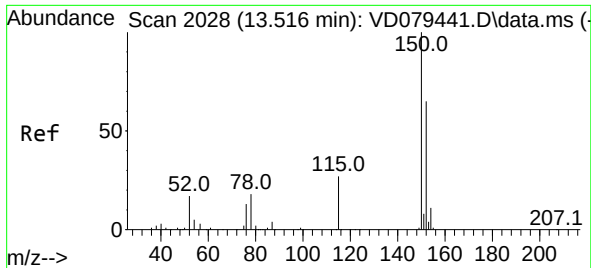
Tgt Ion:	95	Resp:	15901
Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	195.4
176	97.3	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079475.D
Acq: 31 Jul 2024 01:29

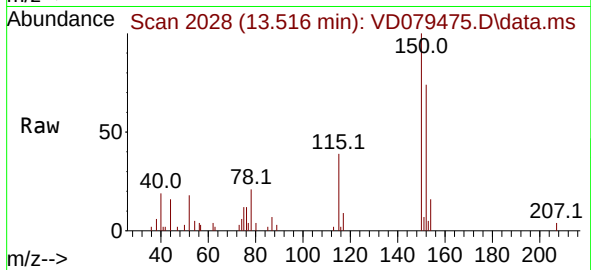
Tgt Ion:	117	Resp:	82482
Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.8	59.6
119	32.4	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079475.D
 Acq: 31 Jul 2024 01:29

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-VOC



Tgt Ion:	152	Resp:	8293
Ion	Ratio	Lower	Upper
152	100		
115	52.3	26.5	79.5
150	160.1	0.0	341.6

