

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079476.D
 Acq On : 31 Jul 2024 01:56
 Operator : RP/MD
 Sample : P3387-01
 Misc : 4.61G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9-VOC

Quant Time: Jul 31 04:36:49 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)

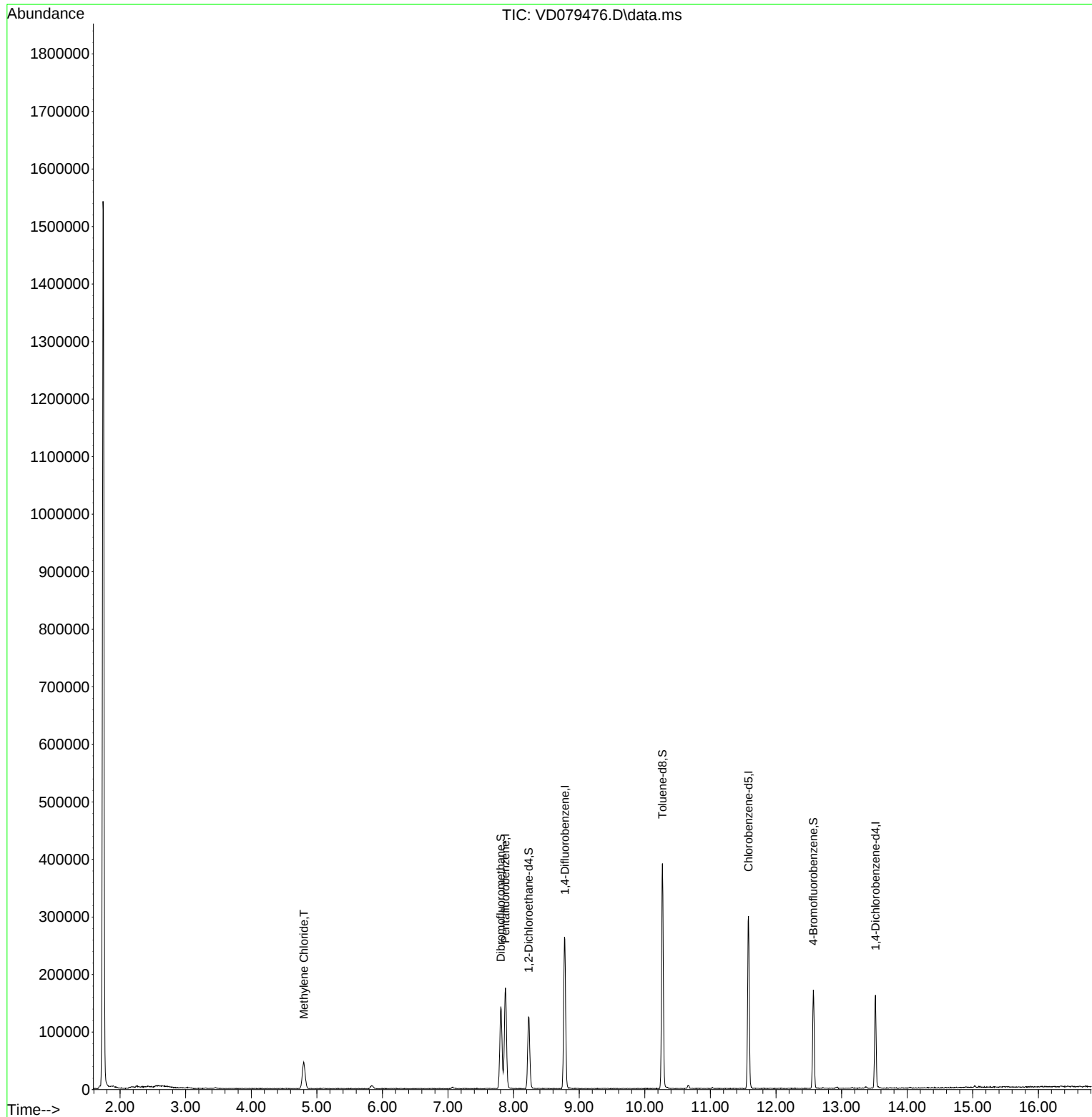
Internal Standards						
1) Pentafluorobenzene	7.875	168	140333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	250733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	46784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95783	67.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.380%
35) Dibromofluoromethane	7.805	113	105174	61.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.940%
50) Toluene-d8	10.269	98	285101	43.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.520%
62) 4-Bromofluorobenzene	12.569	95	51630	27.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.140%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	35845	2.483	ug/l	93

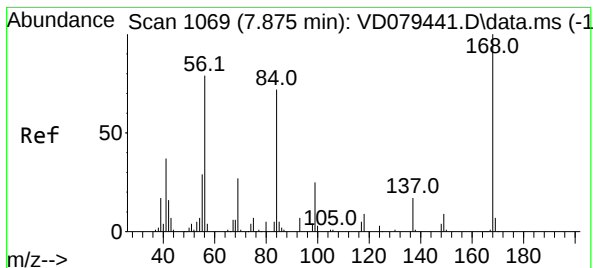
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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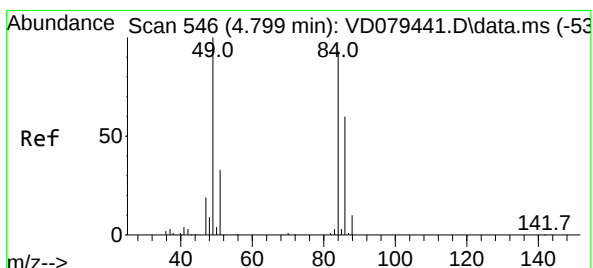
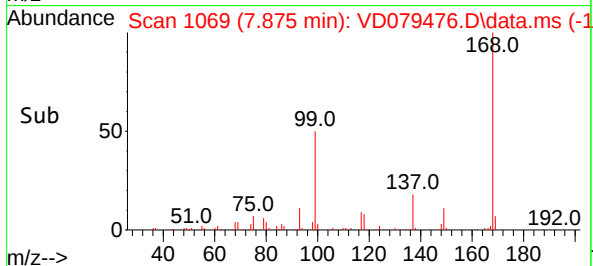
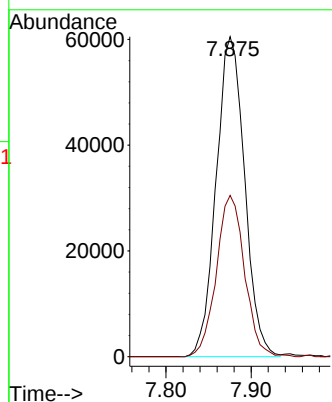
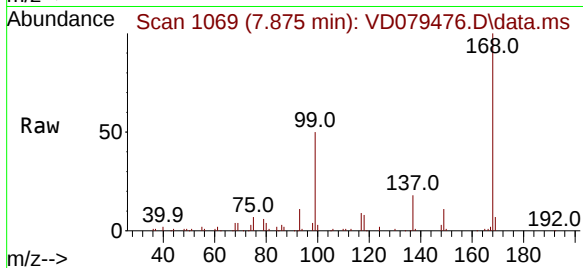




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

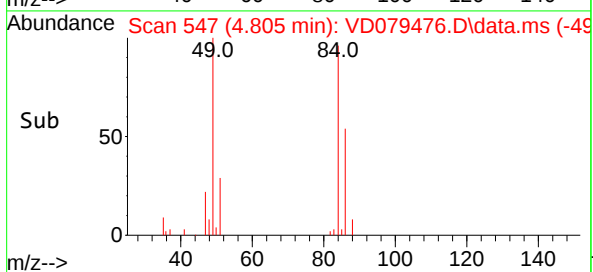
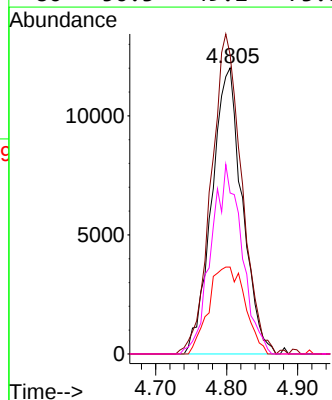
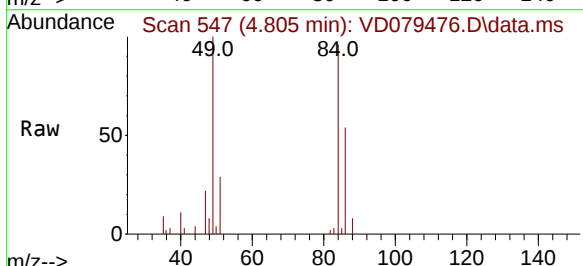
Instrument :
MSVOA_D
ClientSampleId :
WC-9-VOC

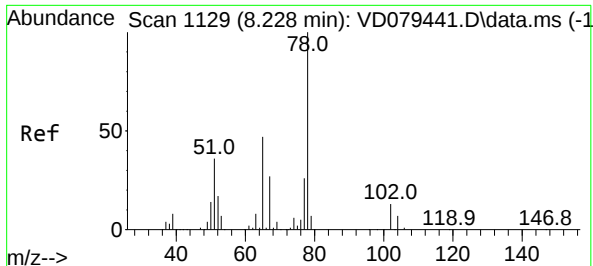
Tgt Ion:168 Resp: 140333
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#20
Methylene Chloride
Concen: 2.483 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

Tgt Ion: 84 Resp: 35845
Ion Ratio Lower Upper
84 100
49 103.2 75.6 113.4
51 30.4 24.2 36.2
86 56.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 67.185 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079476.D

Acq: 31 Jul 2024 01:56

Instrument :

MSVOA_D

ClientSampleId :

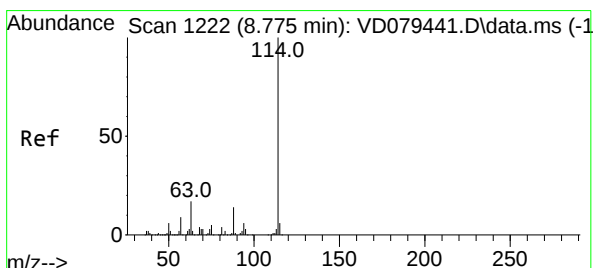
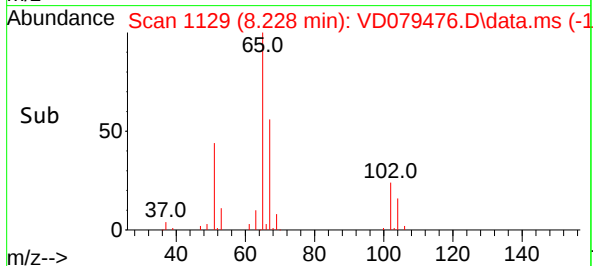
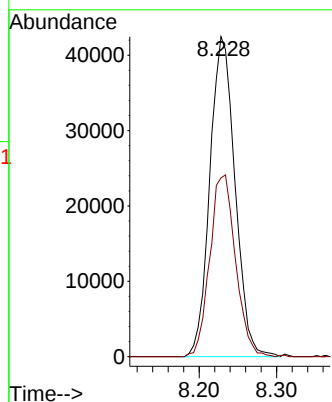
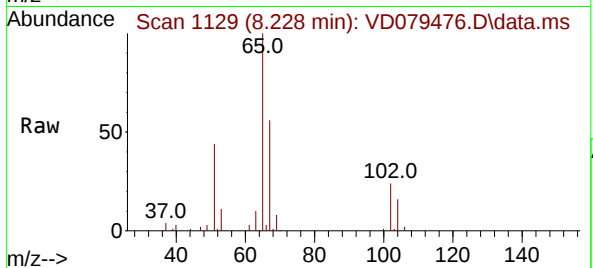
WC-9-VOC

Tgt Ion: 65 Resp: 95783

Ion Ratio Lower Upper

65 100

67 58.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079476.D

Acq: 31 Jul 2024 01:56

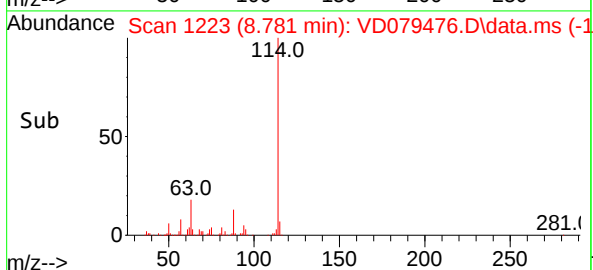
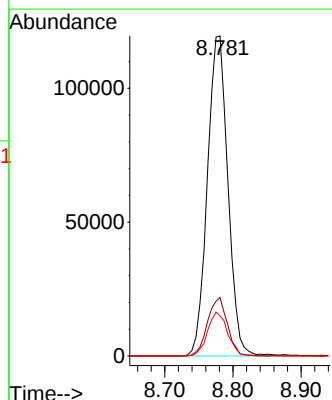
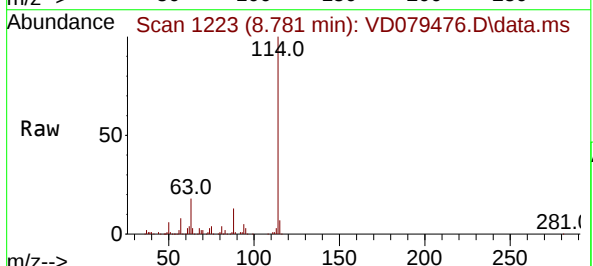
Tgt Ion:114 Resp: 250733

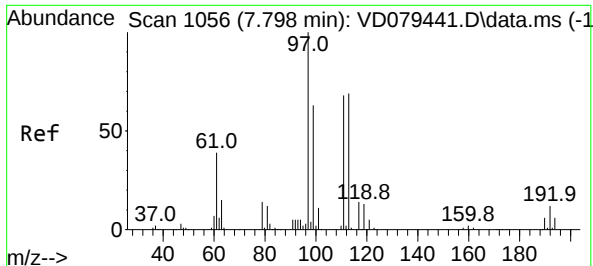
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 12.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.974 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079476.D

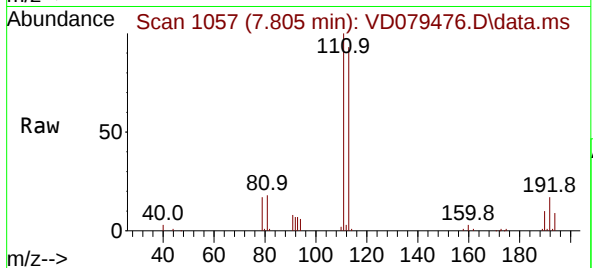
Acq: 31 Jul 2024 01:56

Instrument :

MSVOA_D

ClientSampleId :

WC-9-VOC



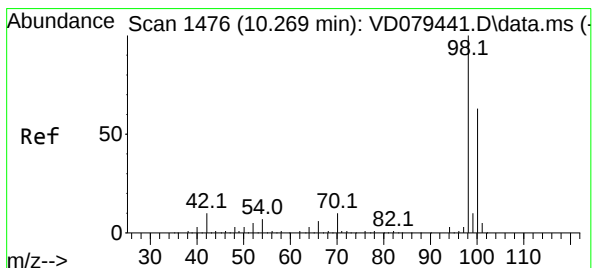
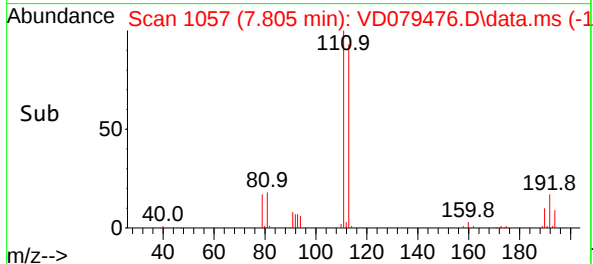
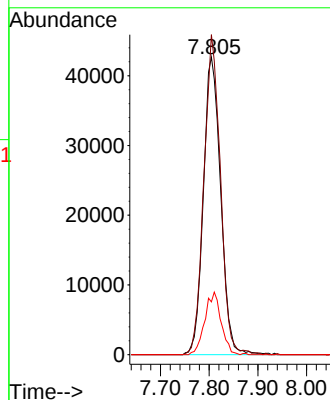
Tgt Ion:113 Resp: 105174

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 19.9 15.4 23.0



#50

Toluene-d8

Concen: 43.260 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079476.D

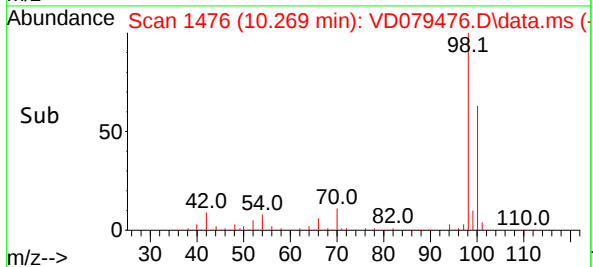
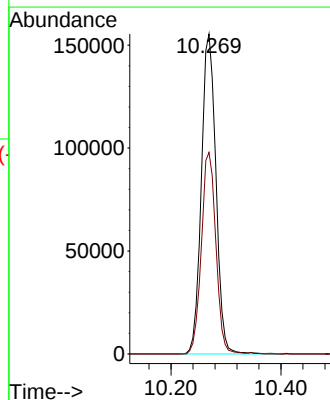
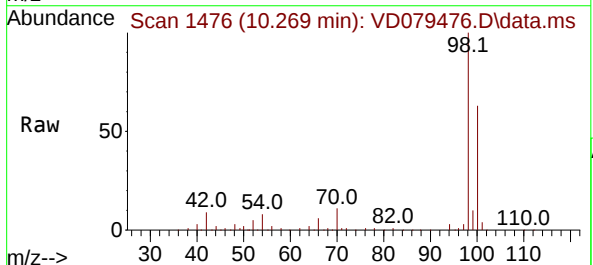
Acq: 31 Jul 2024 01:56

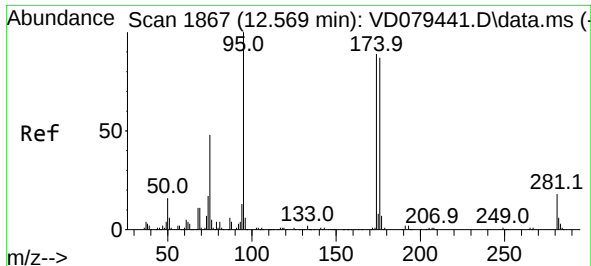
Tgt Ion: 98 Resp: 285101

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

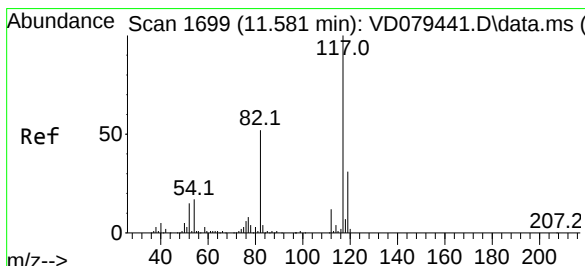
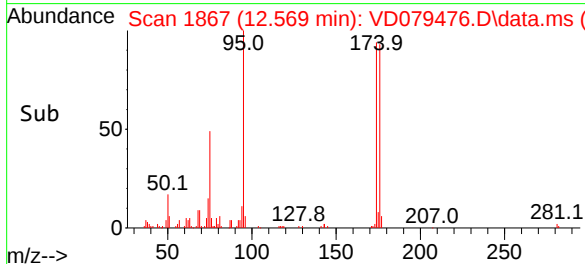
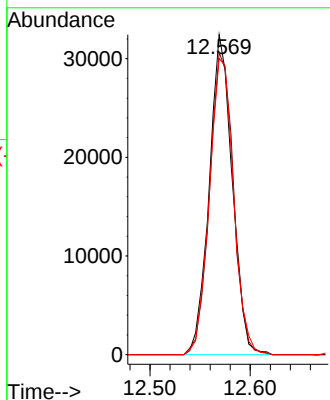
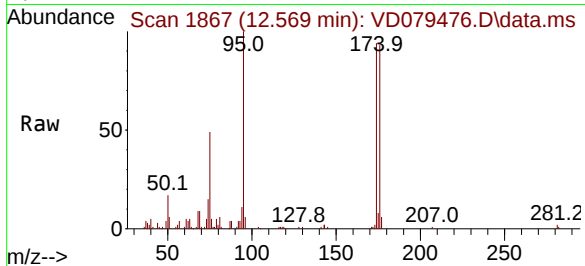




#62
4-Bromofluorobenzene
Concen: 27.072 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

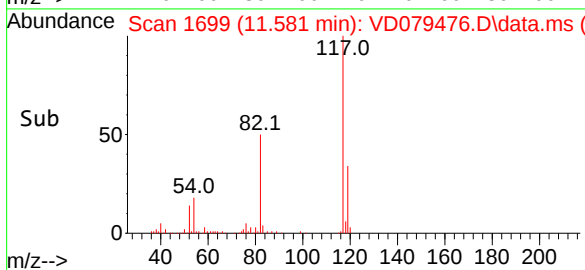
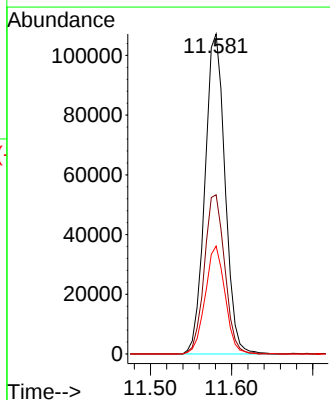
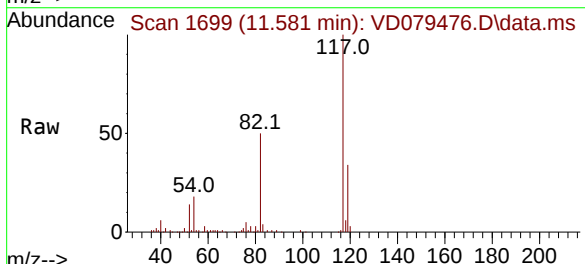
Instrument :
MSVOA_D
ClientSampleId :
WC-9-VOC

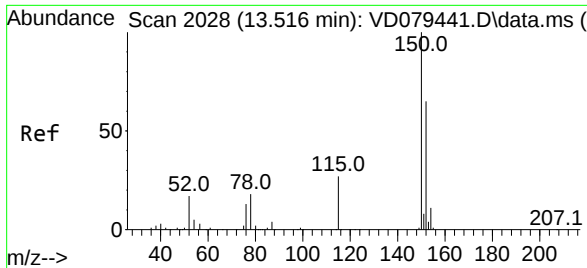
Tgt Ion:	95	Resp:	51630
Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	195.4
176	97.3	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079476.D
Acq: 31 Jul 2024 01:56

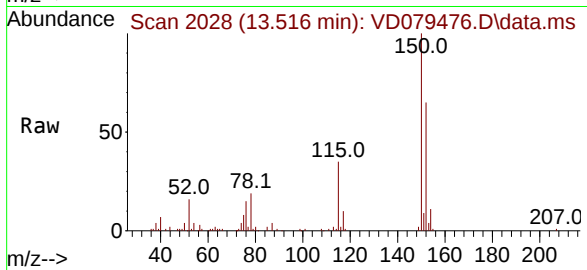
Tgt Ion:	117	Resp:	184073
Ion	Ratio	Lower	Upper
117	100		
82	49.8	39.8	59.6
119	33.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079476.D
 Acq: 31 Jul 2024 01:56

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9-VOC



Tgt Ion:152 Resp: 46784
 Ion Ratio Lower Upper
 152 100
 115 51.3 26.5 79.5
 150 156.3 0.0 341.6

