

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079477.D
 Acq On : 31 Jul 2024 02:24
 Operator : RP/MD
 Sample : P3387-04
 Misc : 4.22G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOC

Quant Time: Jul 31 04:37:13 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)

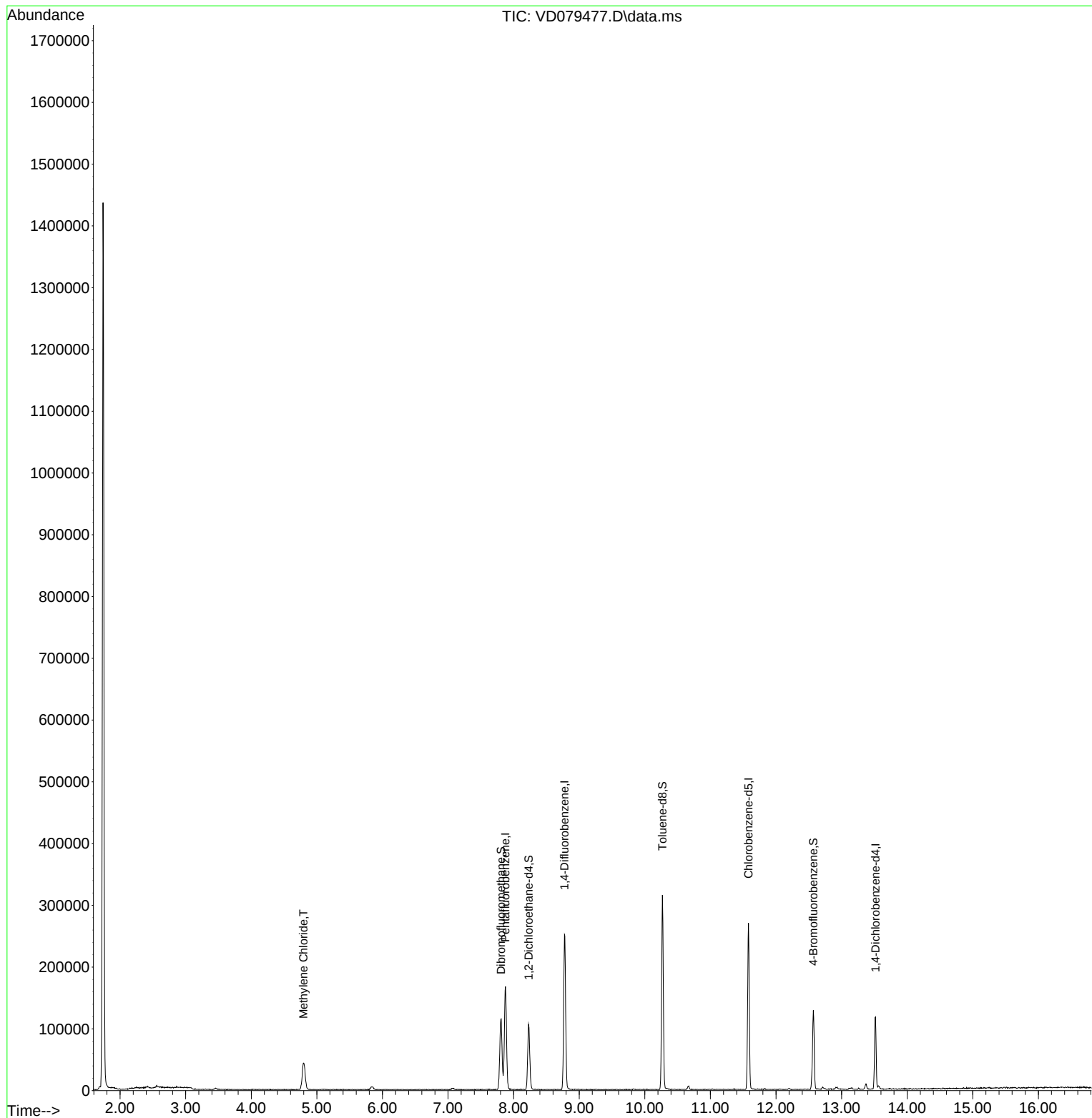
Internal Standards						
1) Pentafluorobenzene	7.875	168	133861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	236158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	35794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79907	58.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.520%
35) Dibromofluoromethane	7.811	113	87005	54.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.269	98	224333	36.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.280%
62) 4-Bromofluorobenzene	12.569	95	37848	21.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.140%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	35432	3.554	ug/l	90

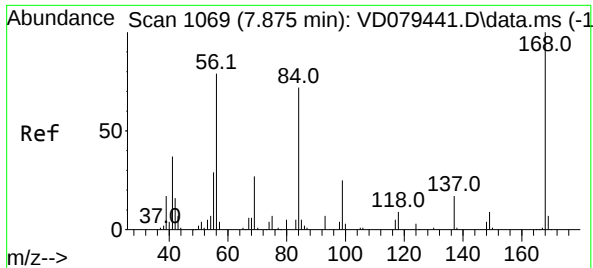
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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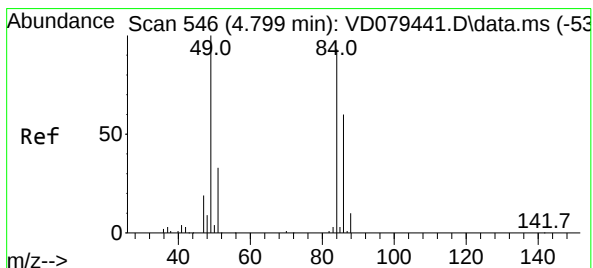
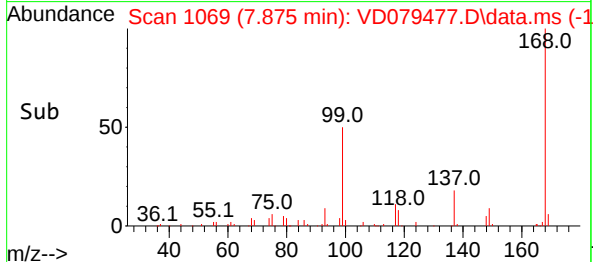
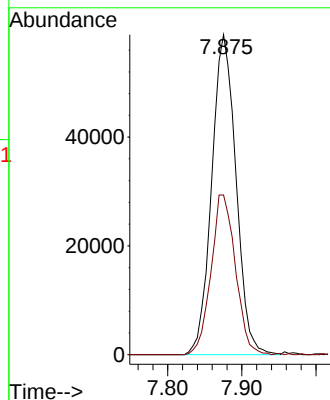
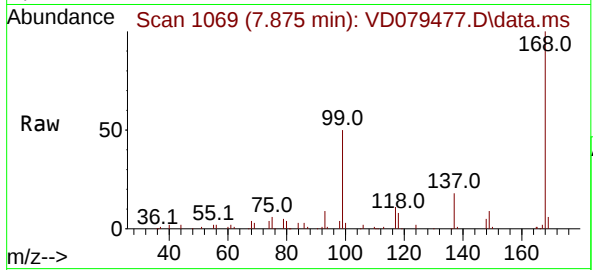




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

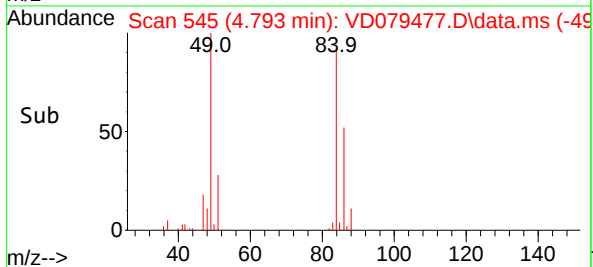
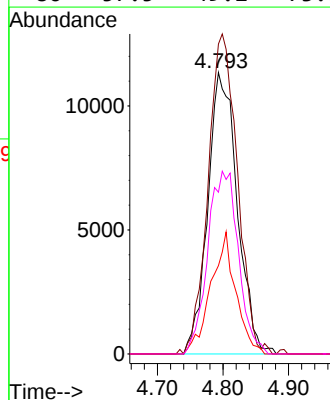
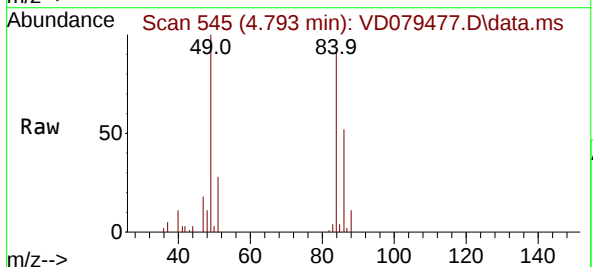
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

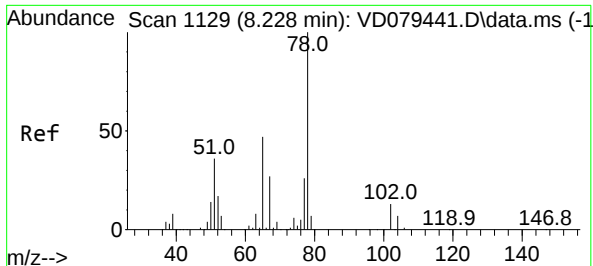
Tgt Ion:168 Resp: 133861
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#20
Methylene Chloride
Concen: 3.554 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

Tgt Ion: 84 Resp: 35432
Ion Ratio Lower Upper
84 100
49 108.7 75.6 113.4
51 31.4 24.2 36.2
86 57.5 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 58.759 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079477.D

Acq: 31 Jul 2024 02:24

Instrument :

MSVOA_D

ClientSampleId :

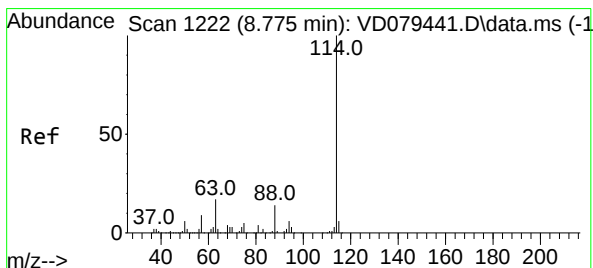
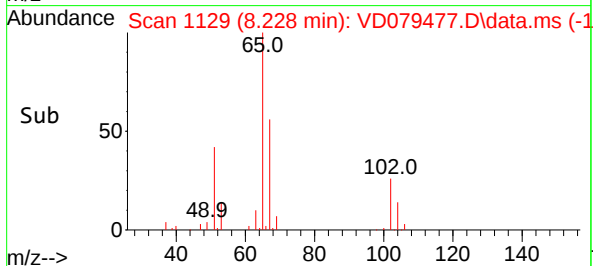
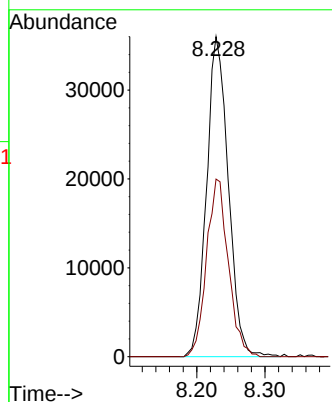
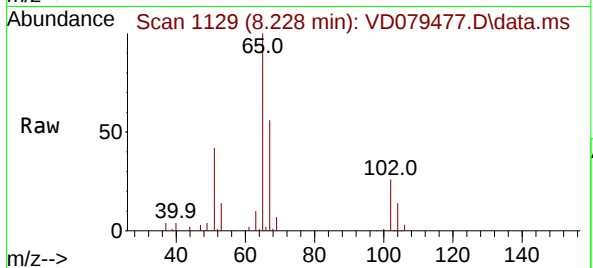
WC-10-VOC

Tgt Ion: 65 Resp: 79907

Ion Ratio Lower Upper

65 100

67 55.6 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: VD079477.D

Acq: 31 Jul 2024 02:24

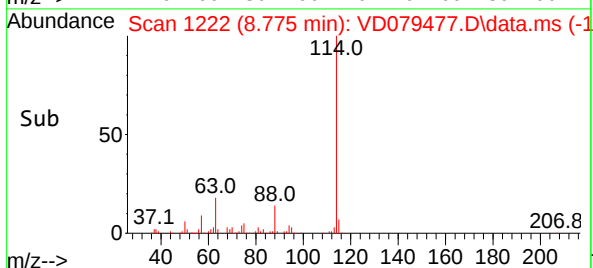
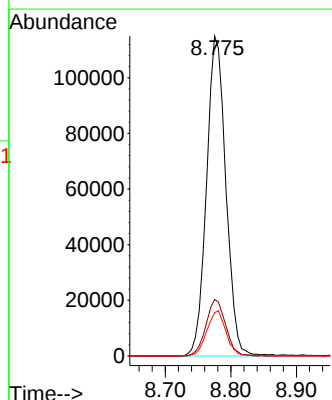
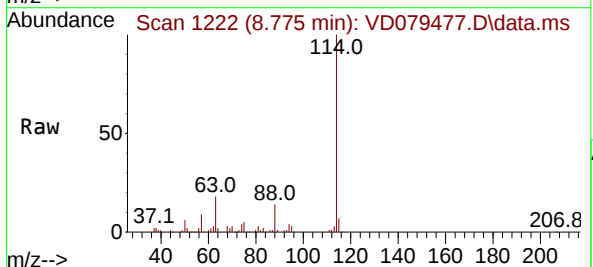
Tgt Ion: 114 Resp: 236158

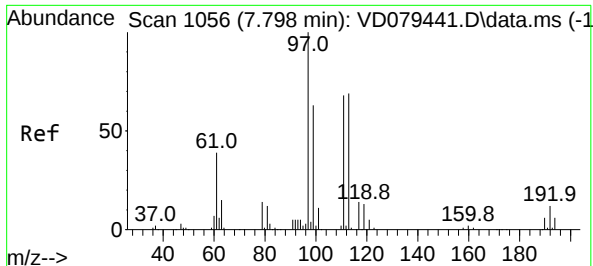
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 13.5 0.0 27.2

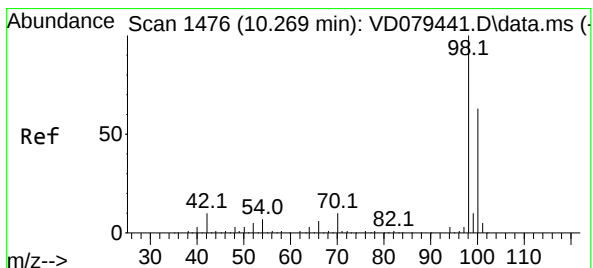
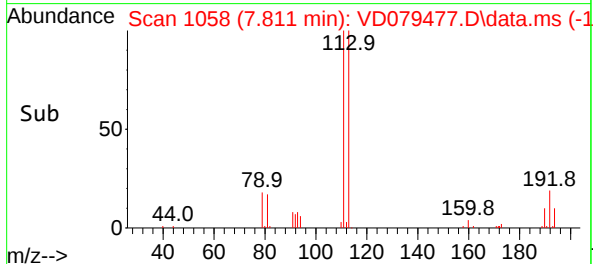
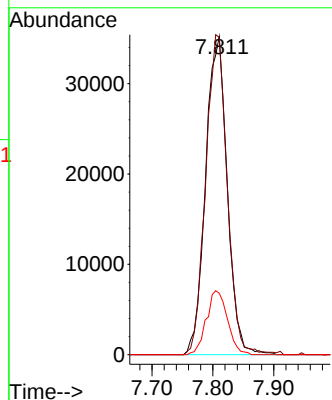
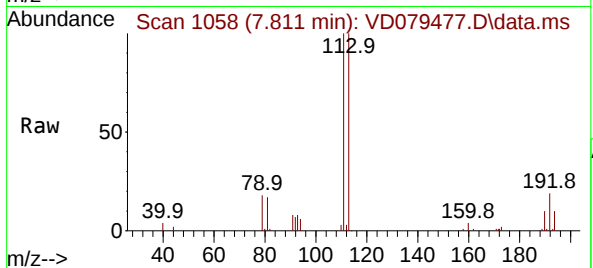




#35
Dibromofluoromethane
Concen: 54.432 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

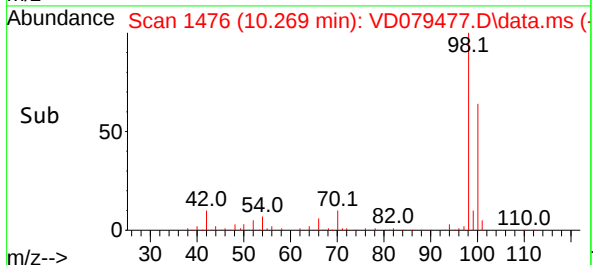
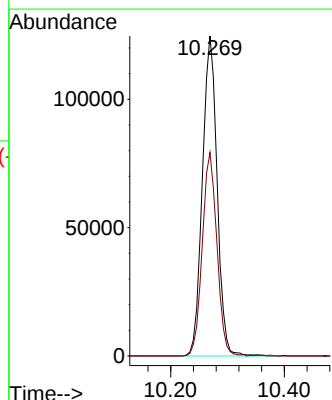
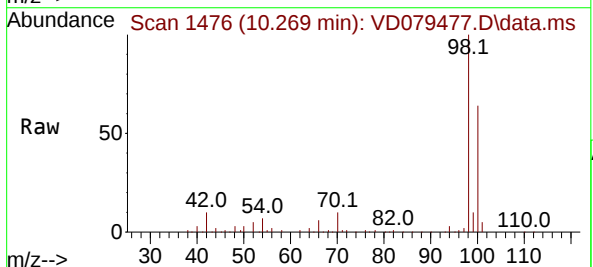
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

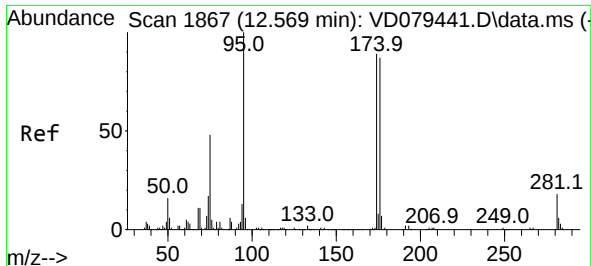
Tgt Ion:113 Resp: 87005
Ion Ratio Lower Upper
113 100
111 100.1 84.0 126.0
192 19.6 15.4 23.0



#50
Toluene-d8
Concen: 36.140 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

Tgt Ion: 98 Resp: 224333
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

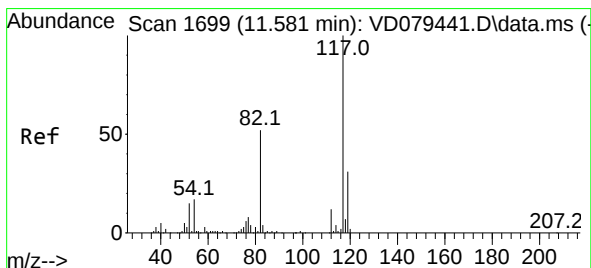
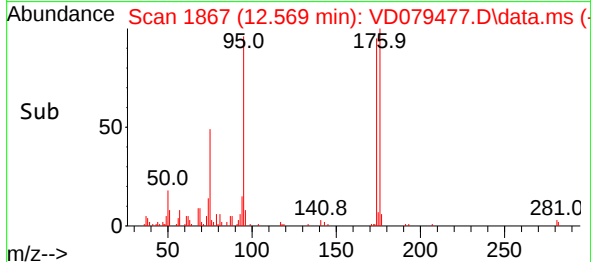
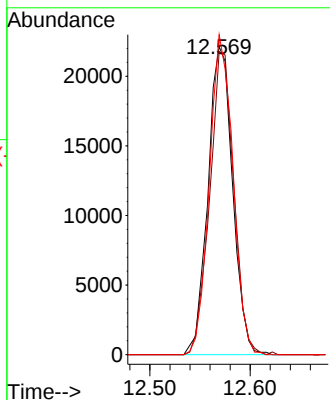
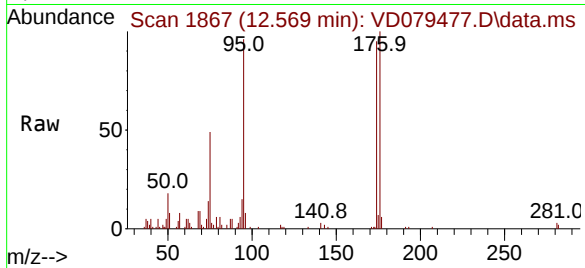




#62
4-Bromofluorobenzene
Concen: 21.070 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

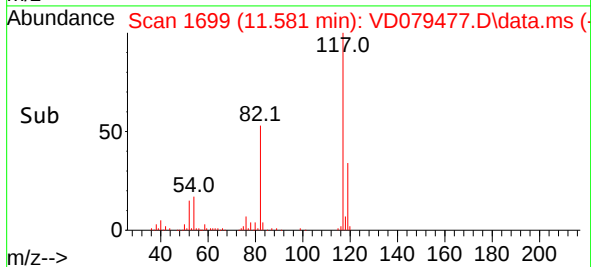
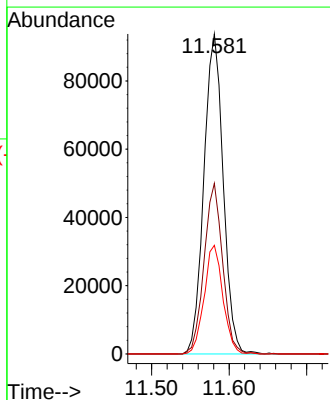
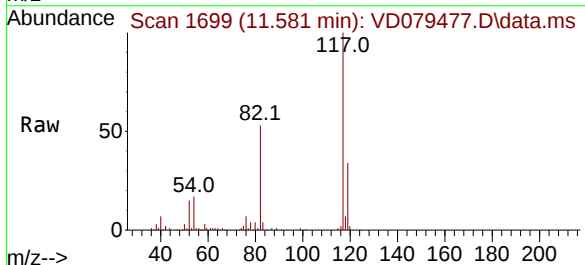
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOC

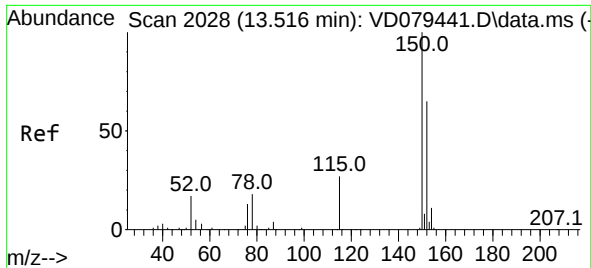
Tgt Ion: 95 Resp: 37848
Ion Ratio Lower Upper
95 100
174 96.1 0.0 195.4
176 99.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079477.D
Acq: 31 Jul 2024 02:24

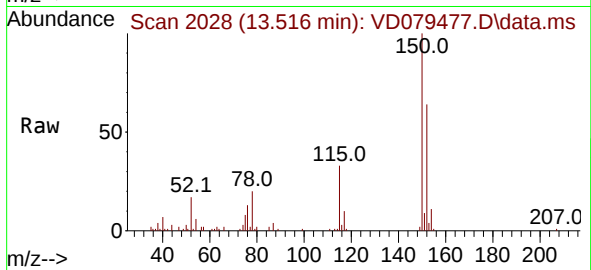
Tgt Ion: 117 Resp: 162091
Ion Ratio Lower Upper
117 100
82 53.3 39.8 59.6
119 34.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079477.D
 Acq: 31 Jul 2024 02:24

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOC



Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	26.5	79.5
150	153.3	0.0	341.6

