

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079301.D
 Acq On : 01 Jul 2024 17:35
 Operator : RP/MD
 Sample : P3111-02
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 02 06:00:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

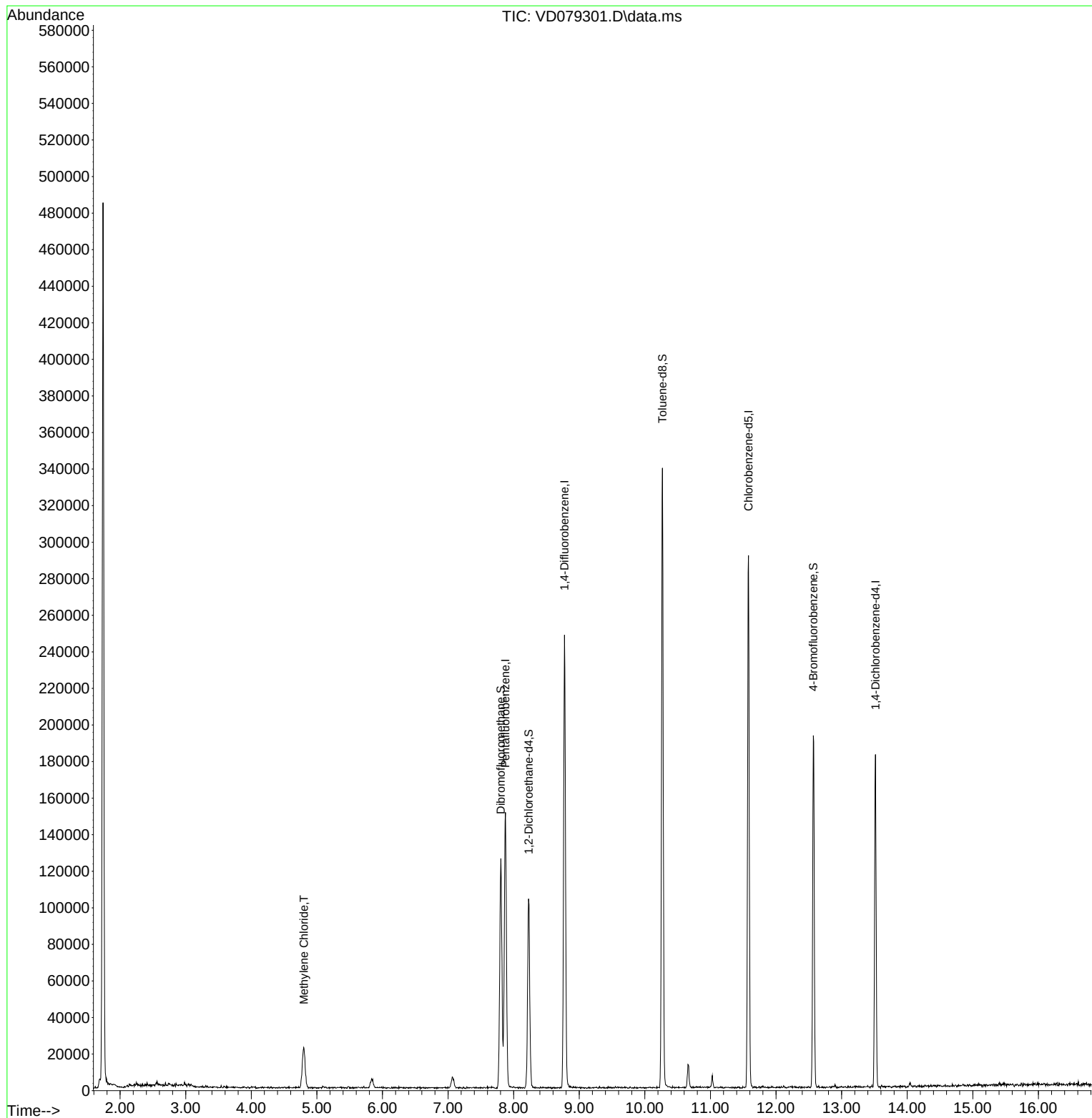
Internal Standards						
1) Pentafluorobenzene	7.875	168	107384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81066	79.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.240%	
35) Dibromofluoromethane	7.804	113	92858	66.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.840%	
50) Toluene-d8	10.269	98	242479	48.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.569	95	64146	39.773	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.540%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	18070	5.350	ug/l	88

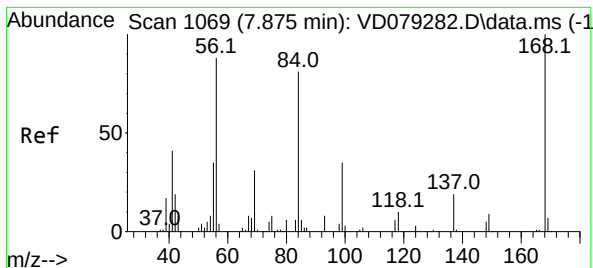
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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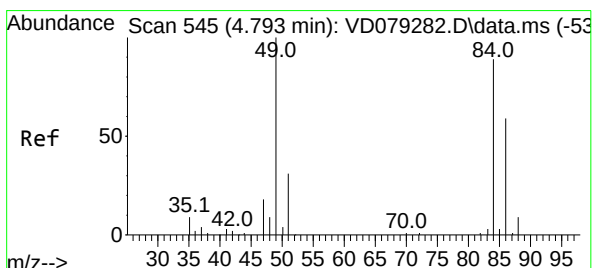
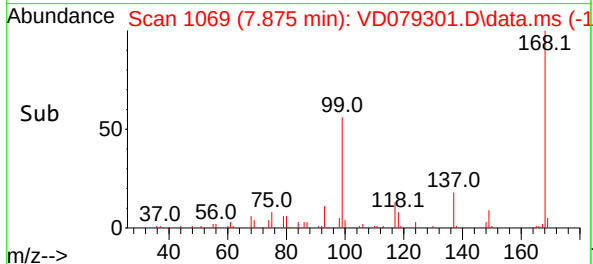
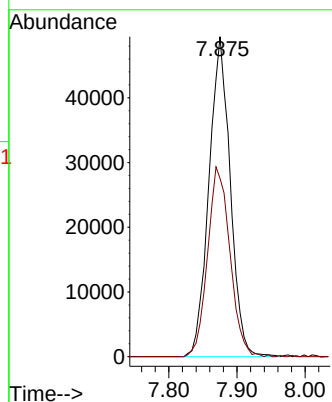
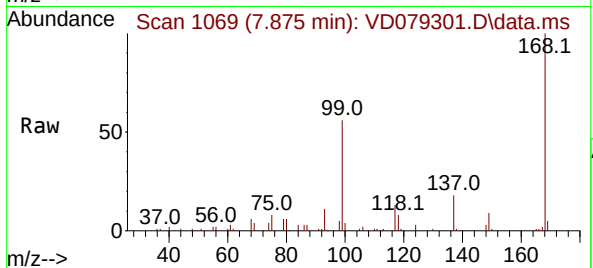




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079301.D
Acq: 01 Jul 2024 17:35

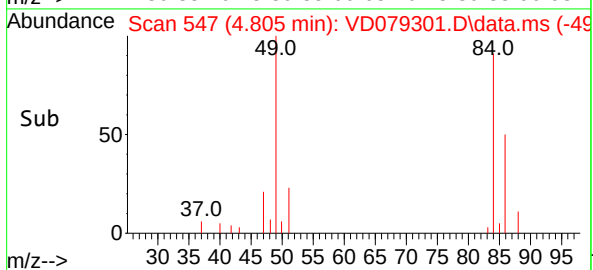
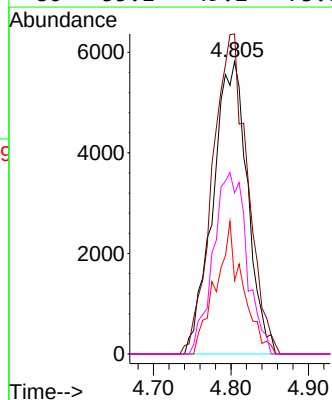
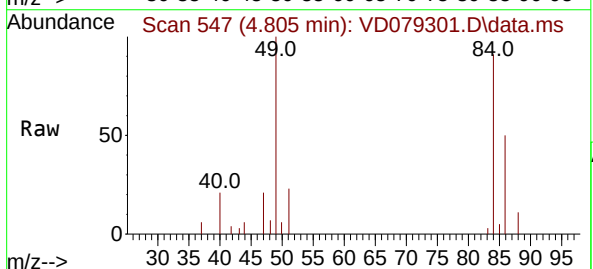
Instrument :
MSVOA_D
ClientSampleId :
VOC

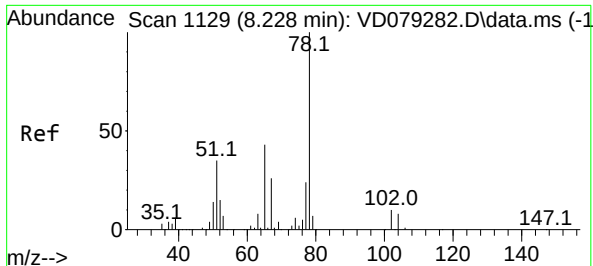
Tgt Ion:168 Resp: 107384
Ion Ratio Lower Upper
168 100
99 55.7 41.1 61.7



#20
Methylene Chloride
Concen: 5.350 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD079301.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 84 Resp: 18070
Ion Ratio Lower Upper
84 100
49 109.4 75.6 113.4
51 25.0 24.2 36.2
86 55.1 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 79.621 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079301.D

Acq: 01 Jul 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

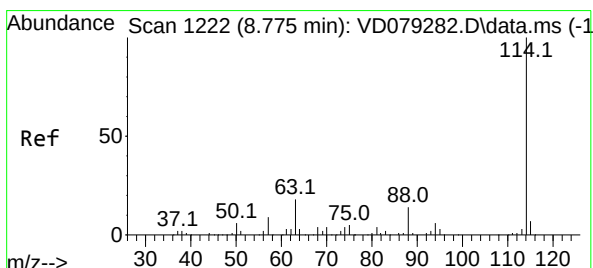
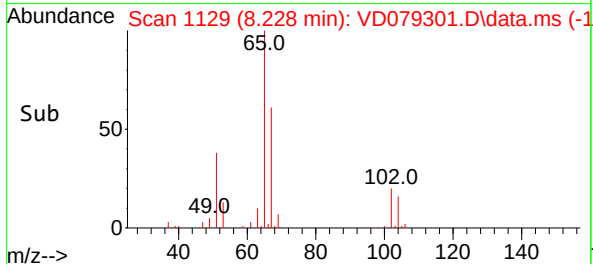
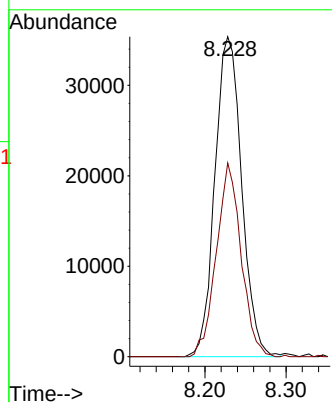
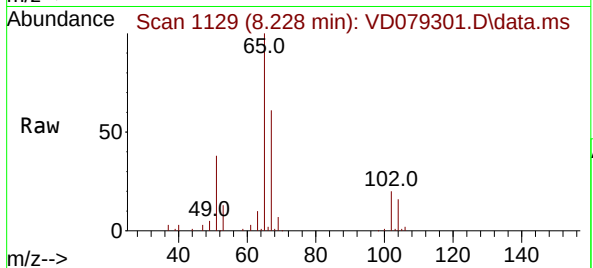
VOC

Tgt Ion: 65 Resp: 81066

Ion Ratio Lower Upper

65 100

67 56.1 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: VD079301.D

Acq: 01 Jul 2024 17:35

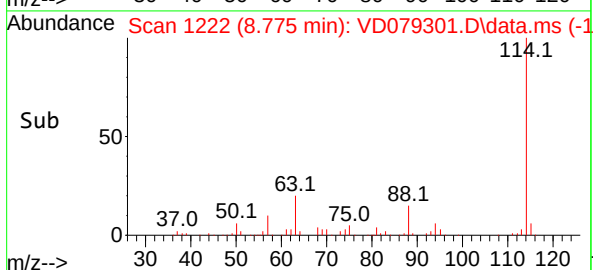
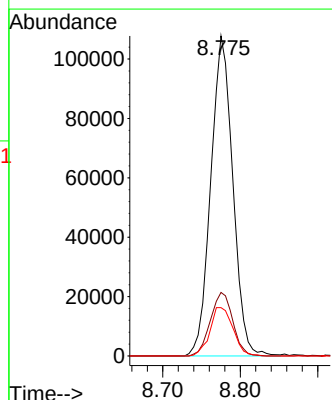
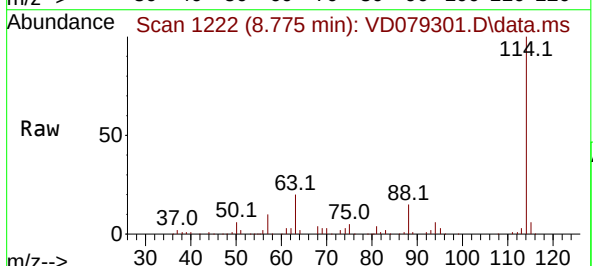
Tgt Ion: 114 Resp: 212991

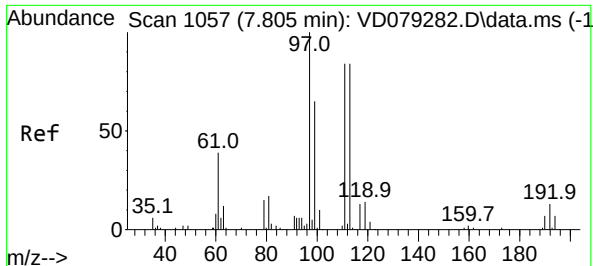
Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 66.419 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079301.D

Acq: 01 Jul 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

VOC

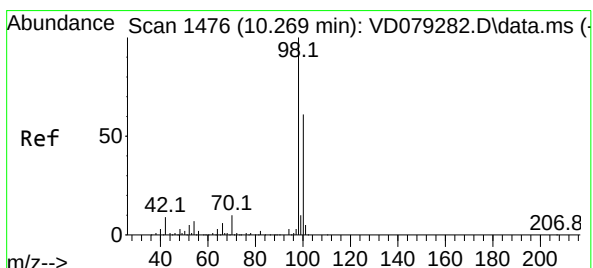
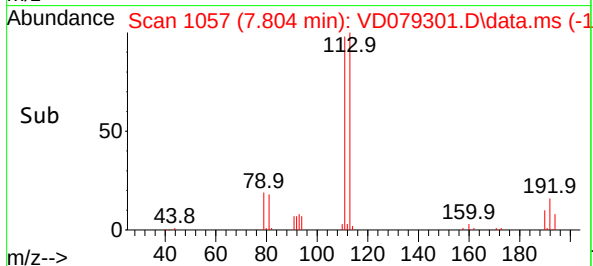
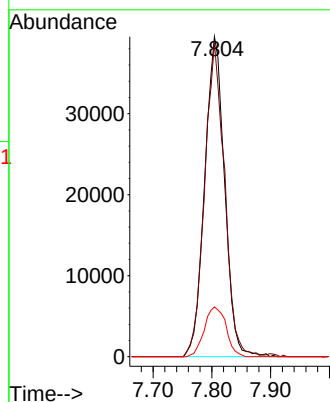
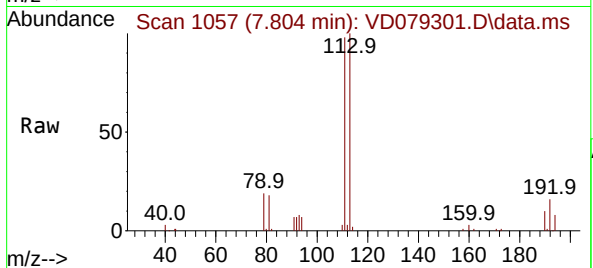
Tgt Ion:113 Resp: 92858

Ion Ratio Lower Upper

113 100

111 98.1 84.0 126.0

192 16.9 15.4 23.0



#50

Toluene-d8

Concen: 48.211 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079301.D

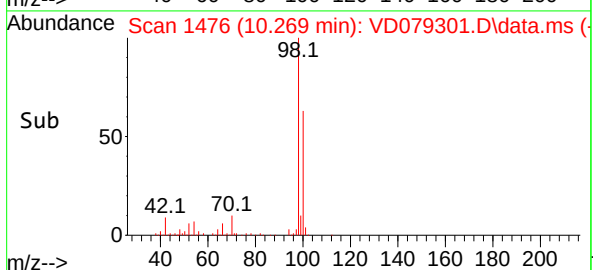
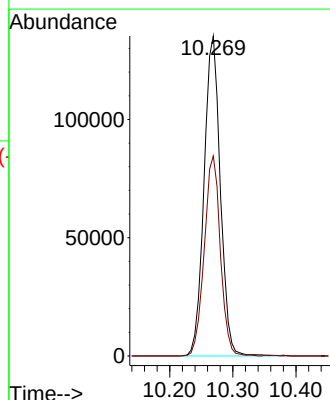
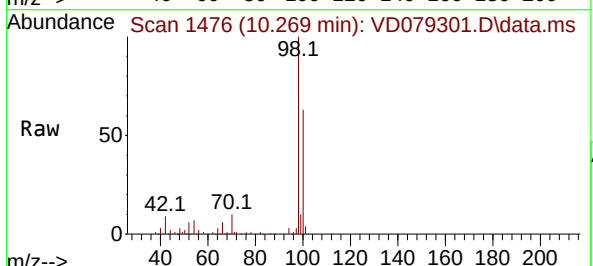
Acq: 01 Jul 2024 17:35

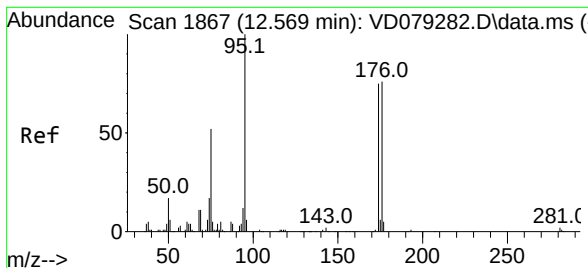
Tgt Ion: 98 Resp: 242479

Ion Ratio Lower Upper

98 100

100 61.7 51.6 77.4

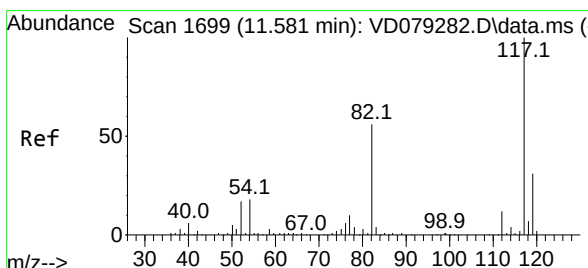
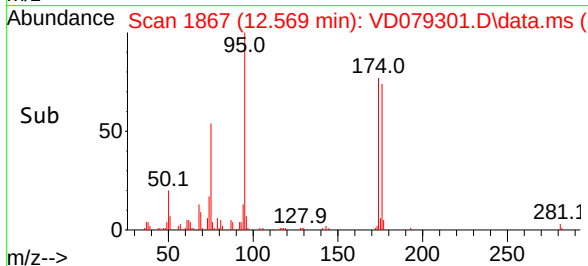
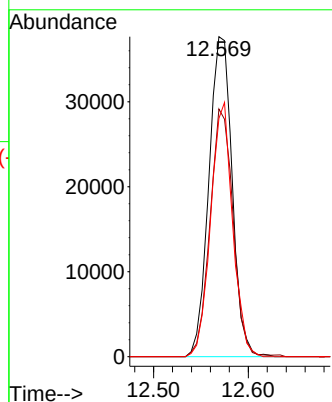
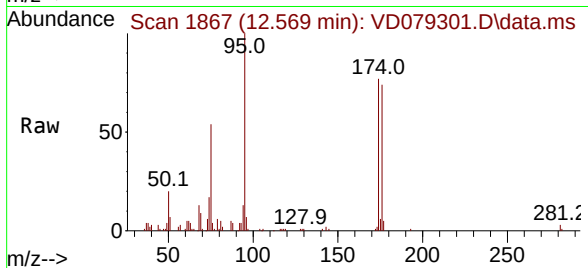




#62
4-Bromofluorobenzene
Concen: 39.773 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079301.D
Acq: 01 Jul 2024 17:35

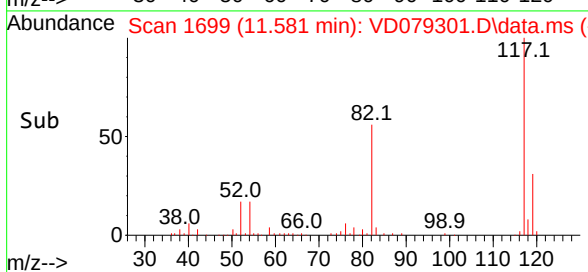
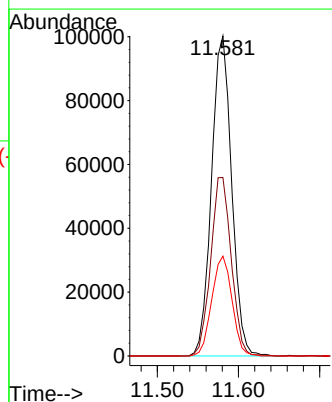
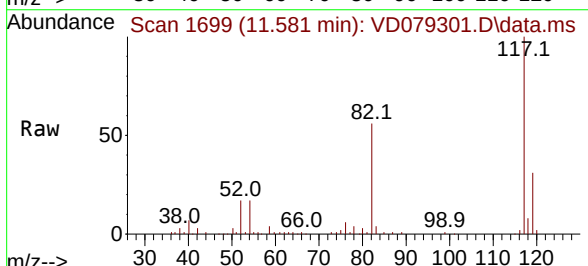
Instrument :
MSVOA_D
ClientSampleId :
VOC

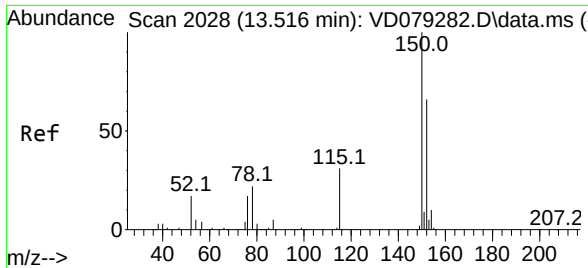
Tgt Ion:	95	Resp:	64146
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	195.4
176	74.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079301.D
Acq: 01 Jul 2024 17:35

Tgt Ion:	117	Resp:	172772
Ion Ratio	Lower	Upper	
117	100		
82	55.7	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# 20
 Delta R.T. -0.000 min
 Lab File: VD079301.D
 Acq: 01 Jul 2024 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tgt Ion:152 Resp: 47255
 Ion Ratio Lower Upper
 152 100
 115 61.6 26.5 79.5
 150 157.5 0.0 341.6

