

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079365.D
 Acq On : 09 Jul 2024 16:58
 Operator : RP/MD
 Sample : P3167-16
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-DUP-20240702

Quant Time: Jul 09 17:04:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

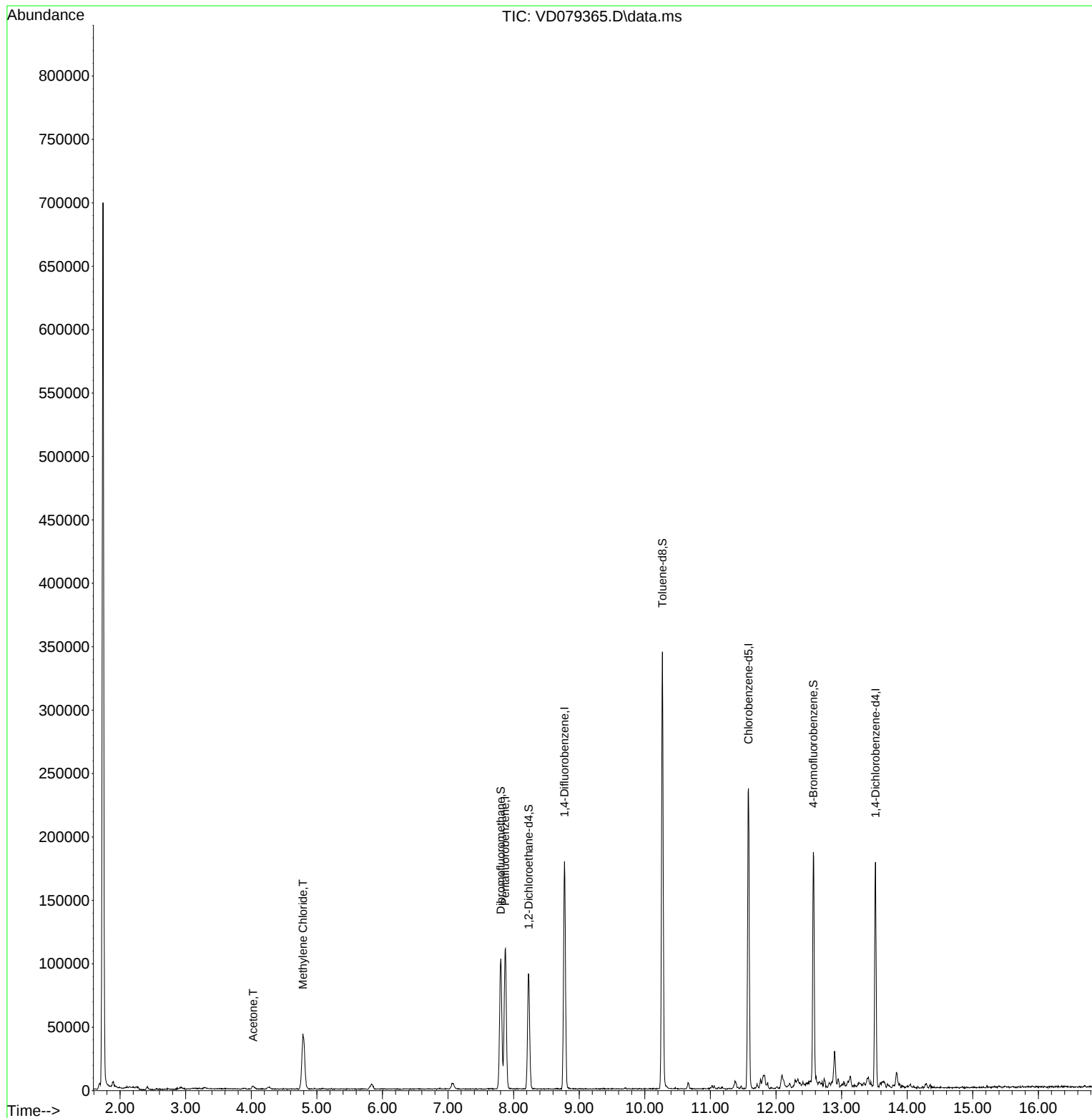
Internal Standards						
1) Pentafluorobenzene	7.869	168	82508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	162717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70683	72.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.400%
35) Dibromofluoromethane	7.805	113	76715	66.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.660%
50) Toluene-d8	10.269	98	243579	55.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.569	95	61886	44.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.000%
Target Compounds						Qvalue
16) Acetone	4.028	43	4072	22.020	ug/l	97
20) Methylene Chloride	4.787	84	34910	18.507	ug/l	# 87

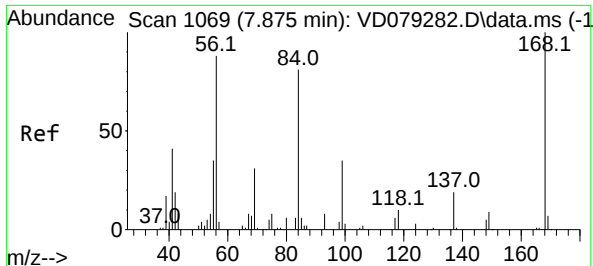
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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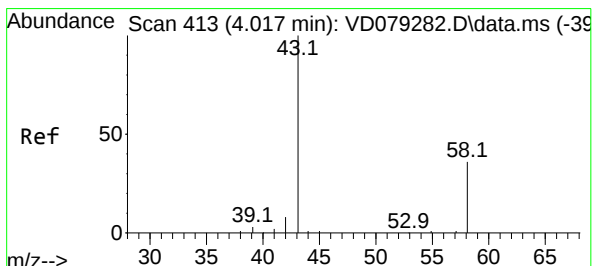
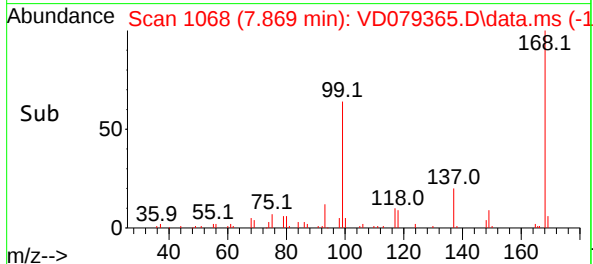
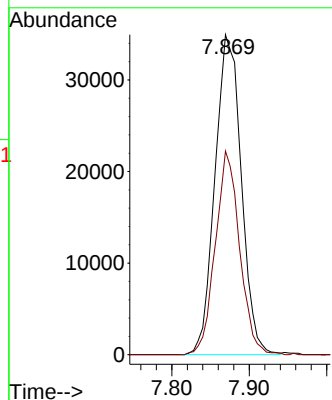
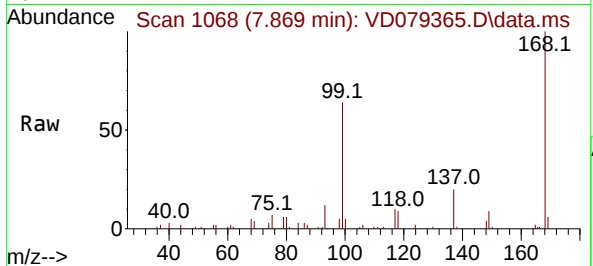




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

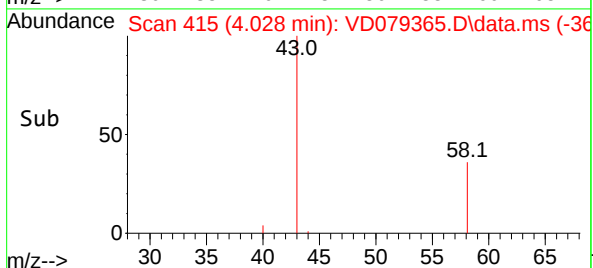
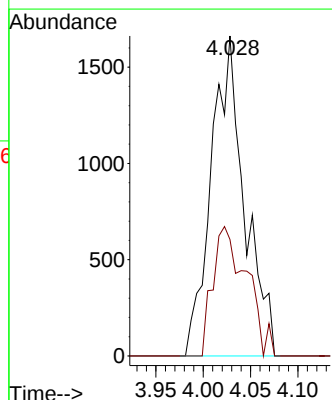
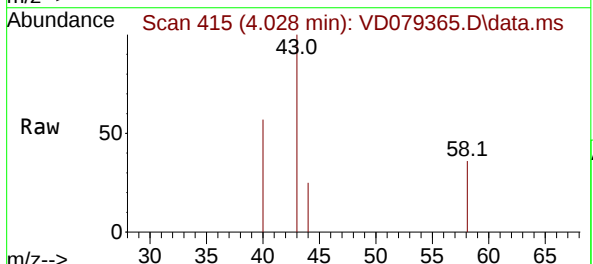
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-DUP-20240702

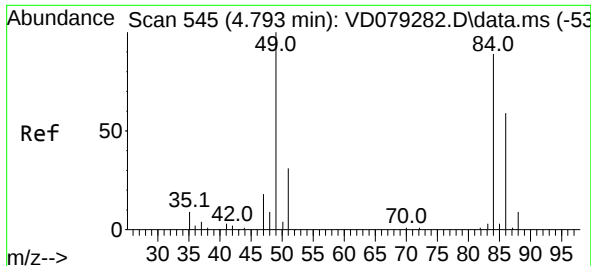
Tgt Ion:168 Resp: 82508
Ion Ratio Lower Upper
168 100
99 63.7 41.1 61.7#



#16
Acetone
Concen: 22.020 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

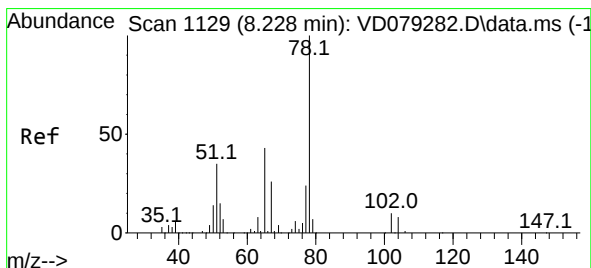
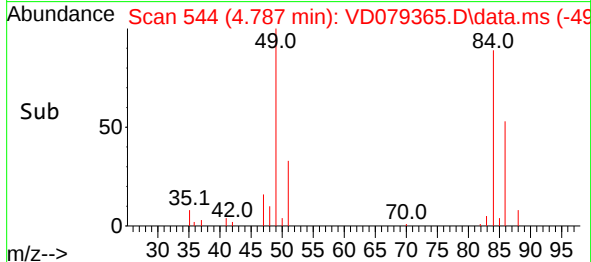
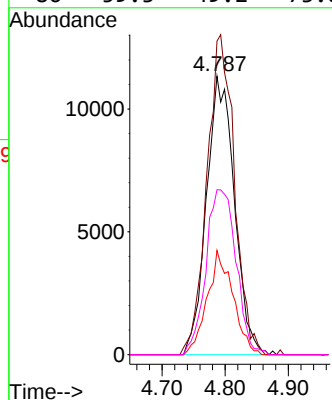
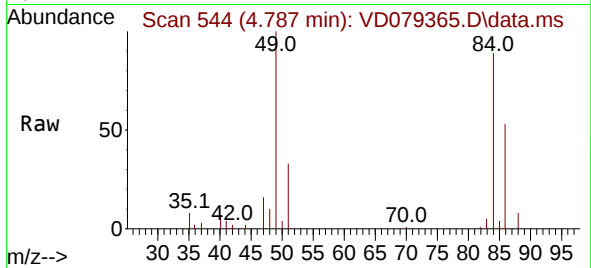




#20
Methylene Chloride
Concen: 18.507 ug/l
RT: 4.787 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

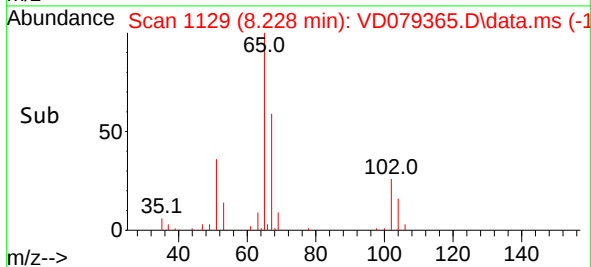
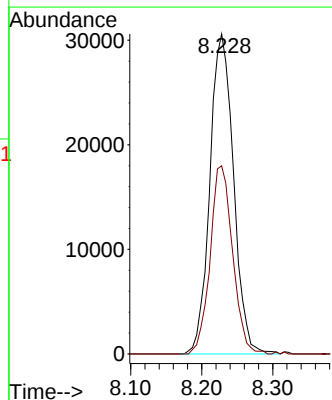
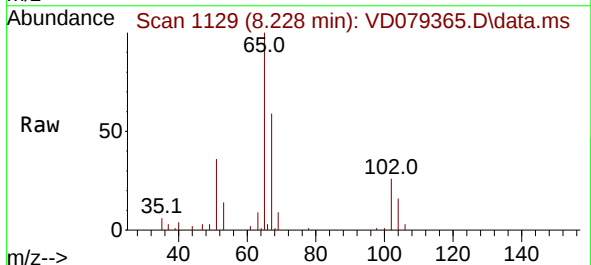
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-DUP-20240702

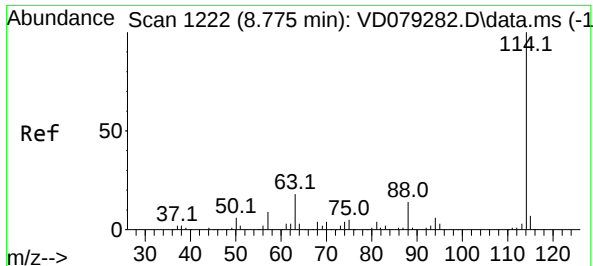
Tgt Ion: 84	Resp: 34910
Ion Ratio	Lower Upper
84	100
49	112.7 75.6 113.4
51	37.4 24.2 36.2#
86	59.3 49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 72.696 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 65	Resp: 70683
Ion Ratio	Lower Upper
65	100
67	55.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079365.D

Acq: 09 Jul 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-DUP-20240702

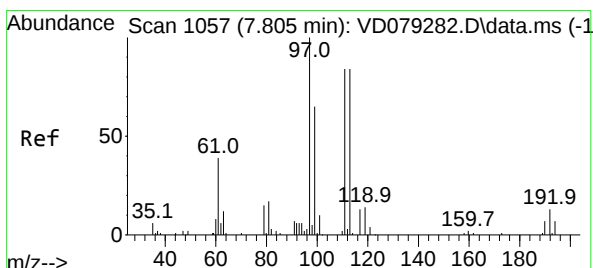
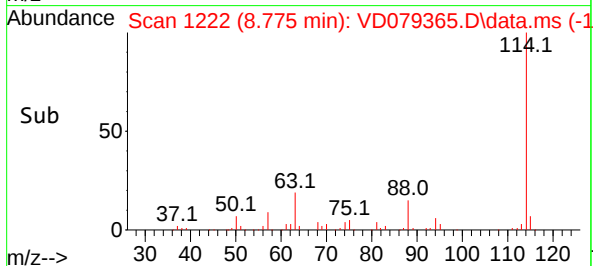
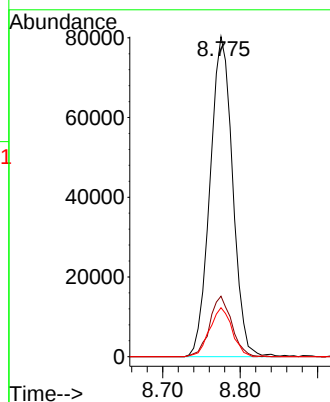
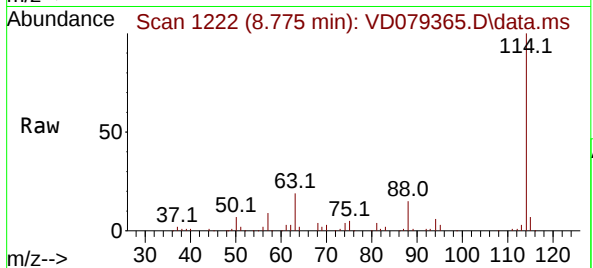
Tgt Ion:114 Resp: 162717

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 66.829 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079365.D

Acq: 09 Jul 2024 16:58

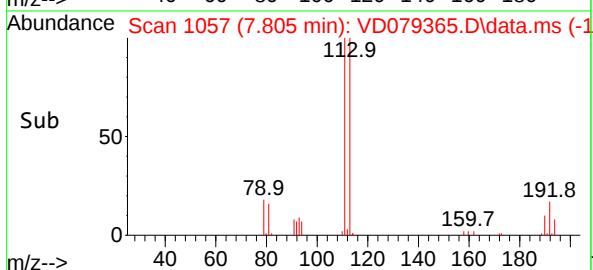
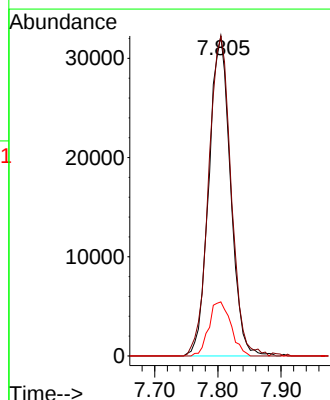
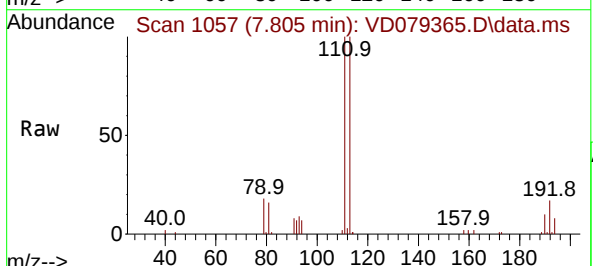
Tgt Ion:113 Resp: 76715

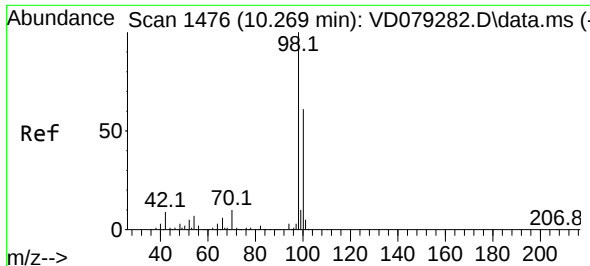
Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 17.2 15.4 23.0

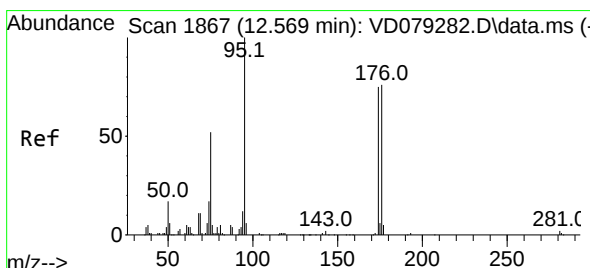
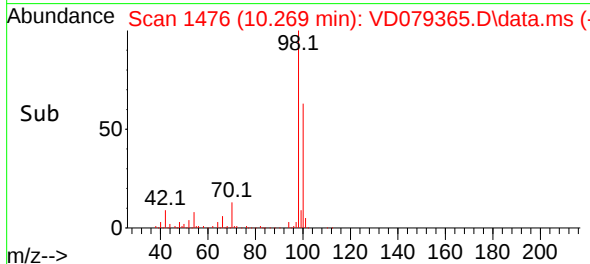
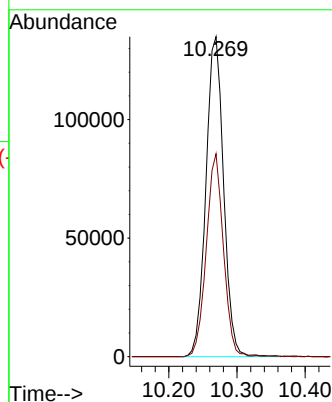
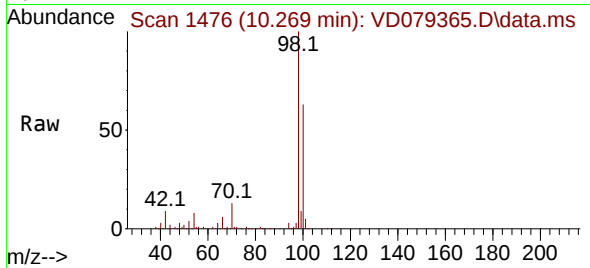




#50
Toluene-d8
Concen: 55.045 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

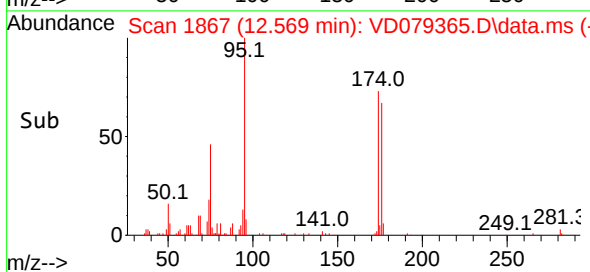
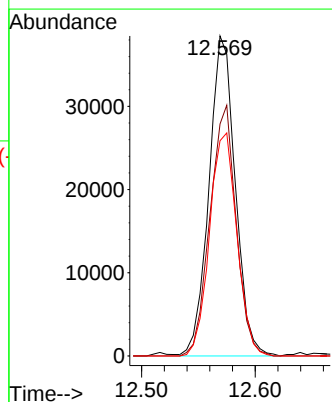
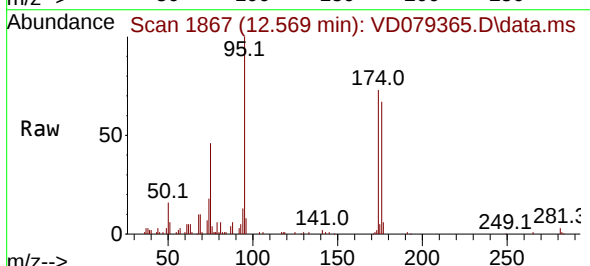
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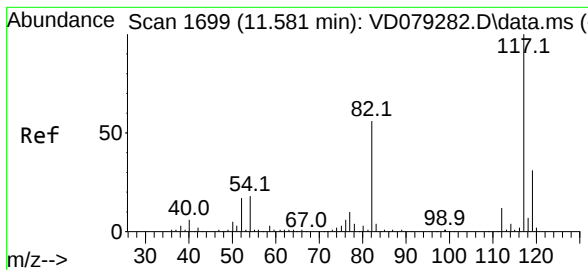
Tgt Ion: 98 Resp: 243579
Ion Ratio Lower Upper
98 100
100 61.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.996 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 95 Resp: 61886
Ion Ratio Lower Upper
95 100
174 77.9 0.0 195.4
176 72.4 0.0 192.6

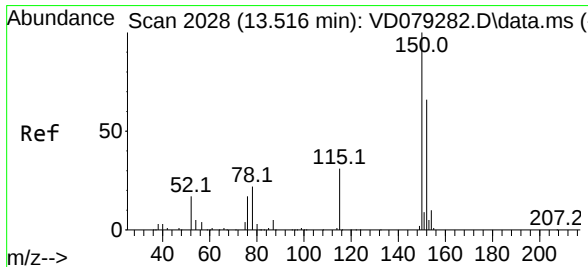
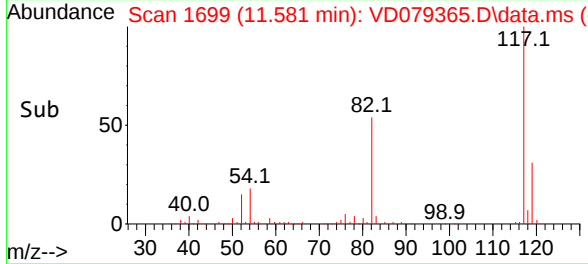
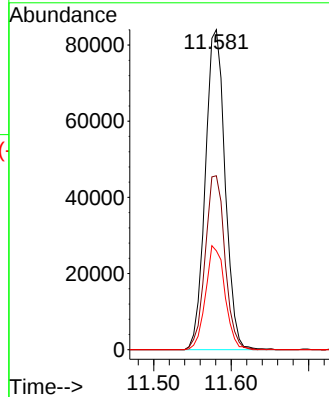
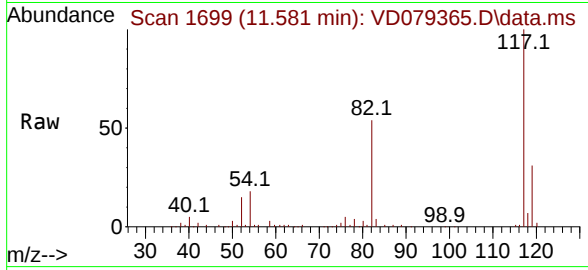




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-DUP-20240702

Tgt Ion:117 Resp: 148744
Ion Ratio Lower Upper
117 100
82 54.4 39.8 59.6
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion:152 Resp: 47291
Ion Ratio Lower Upper
152 100
115 59.5 26.5 79.5
150 151.6 0.0 341.6

