

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079354.D
 Acq On : 08 Jul 2024 21:20
 Operator : RP/MD
 Sample : P3167-16
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 09 04:59:53 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)

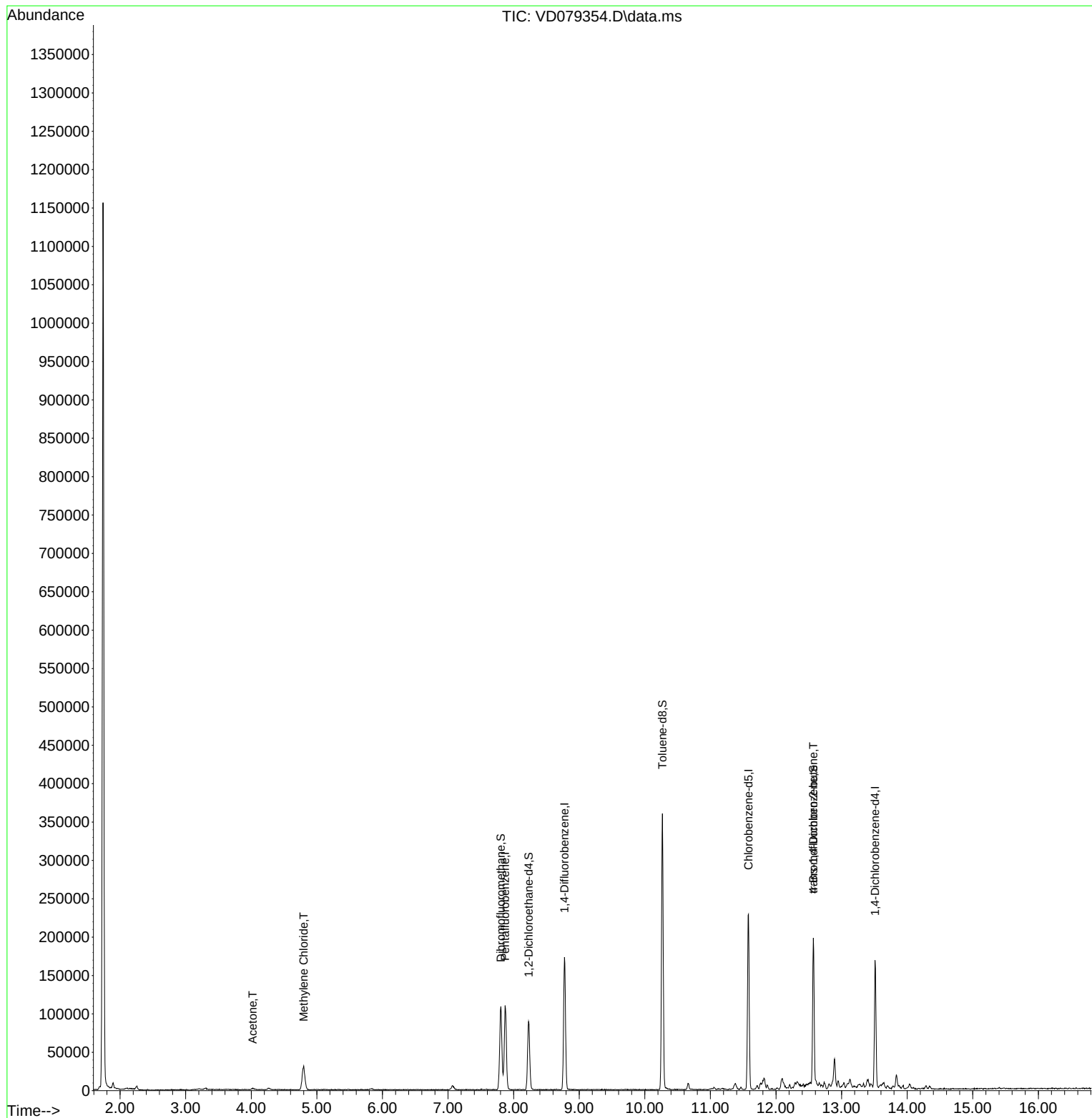
Internal Standards						
1) Pentafluorobenzene	7.869	168	79810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71768	76.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.620%
35) Dibromofluoromethane	7.805	113	80649	71.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.860%
50) Toluene-d8	10.269	98	257096	59.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.960%
62) 4-Bromofluorobenzene	12.569	95	63258	47.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.180%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	3316	18.538	ug/l #	82
20) Methylene Chloride	4.799	84	25402	11.480	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.569	75	31165	139.440	ug/l #	19

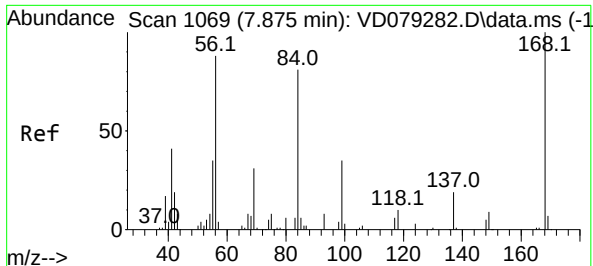
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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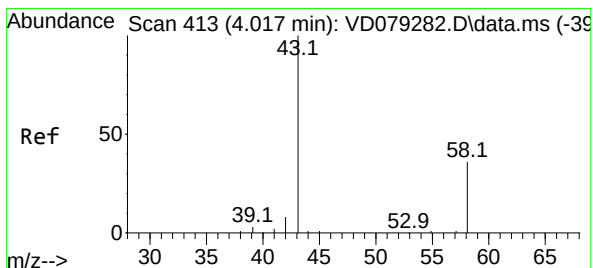
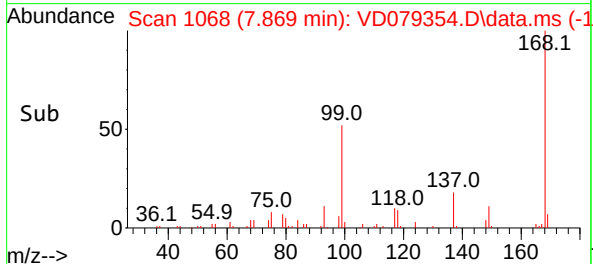
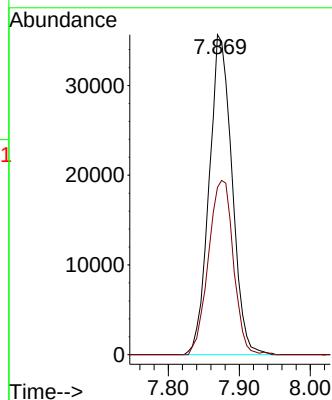
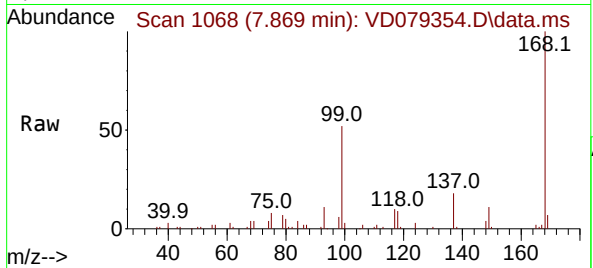




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

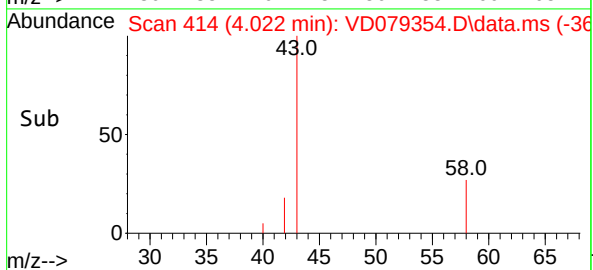
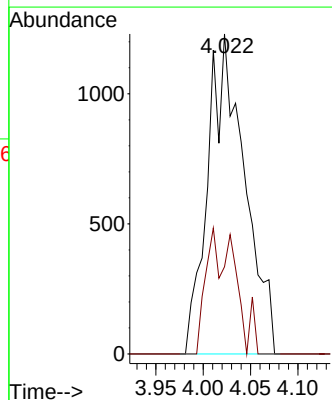
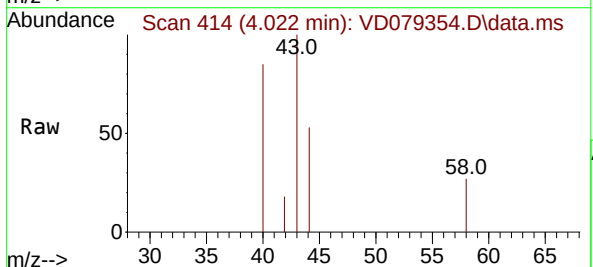
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-DUP-20240702

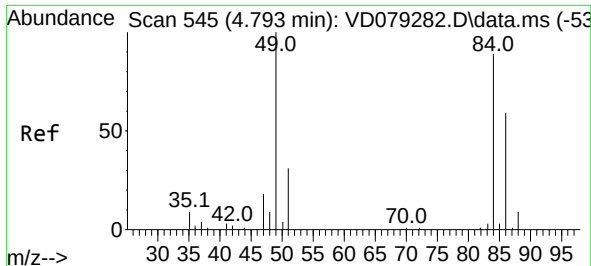
Tgt Ion:168 Resp: 79810
Ion Ratio Lower Upper
168 100
99 52.3 41.1 61.7



#16
Acetone
Concen: 18.538 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

Tgt Ion: 43 Resp: 3316
Ion Ratio Lower Upper
43 100
58 27.2 30.4 45.6#

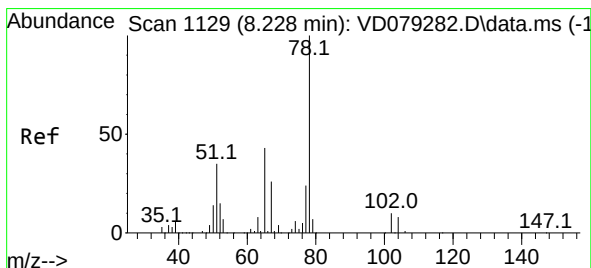
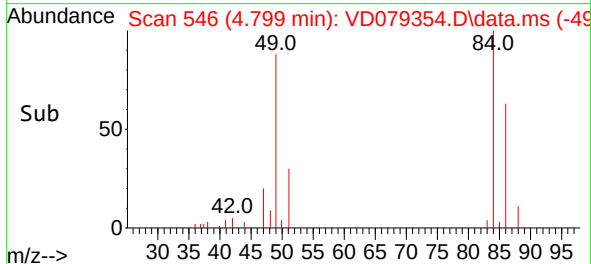
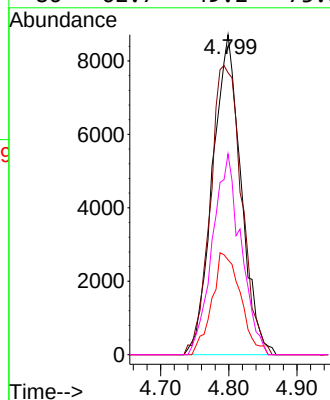
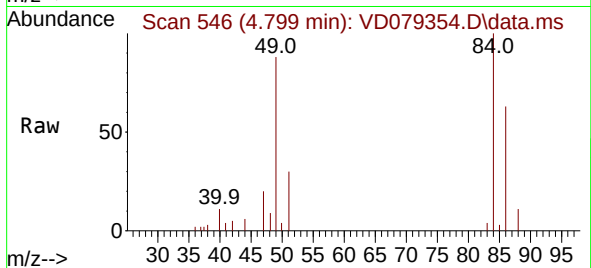




#20
Methylene Chloride
Concen: 11.480 ug/l
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

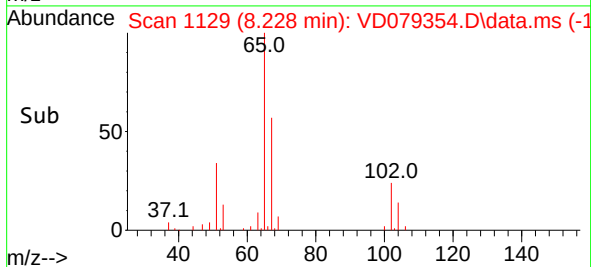
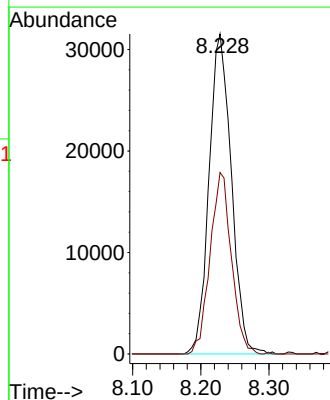
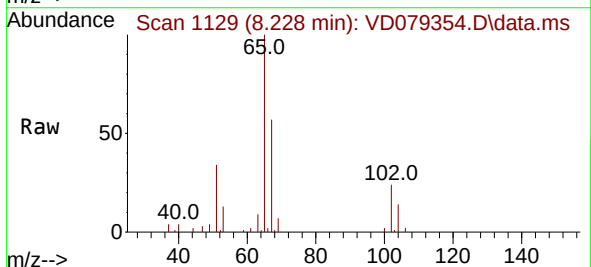
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-DUP-20240702

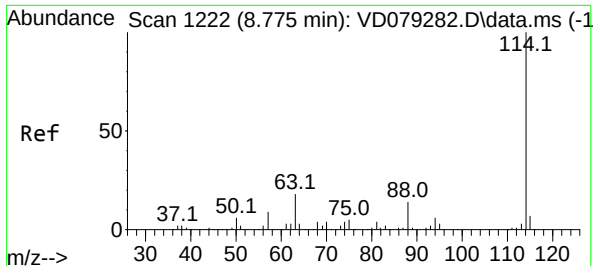
Tgt Ion:	84	Resp:	25402
Ion	Ratio	Lower	Upper
84	100		
49	88.1	75.6	113.4
51	29.6	24.2	36.2
86	62.7	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 76.307 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

Tgt Ion:	65	Resp:	71768
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079354.D

Acq: 08 Jul 2024 21:20

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-DUP-20240702

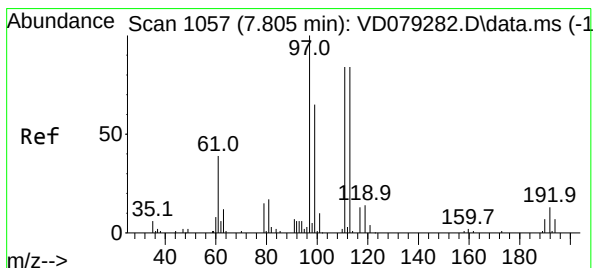
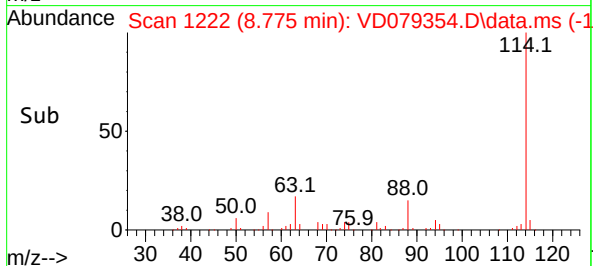
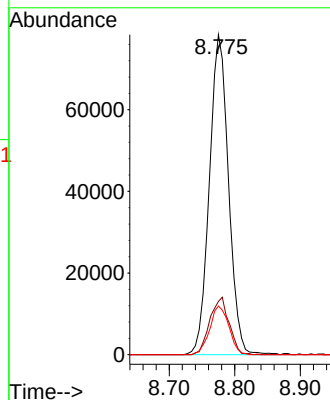
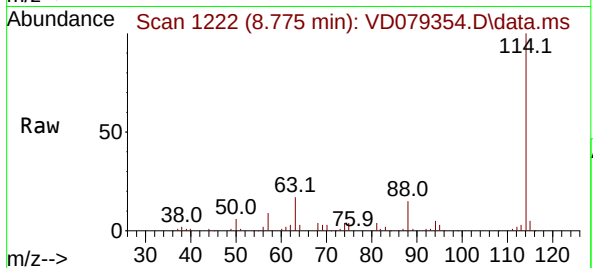
Tgt Ion:114 Resp: 158930

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 71.930 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079354.D

Acq: 08 Jul 2024 21:20

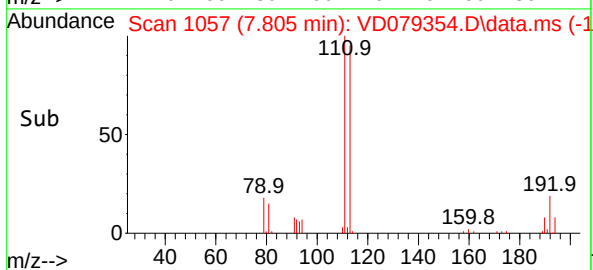
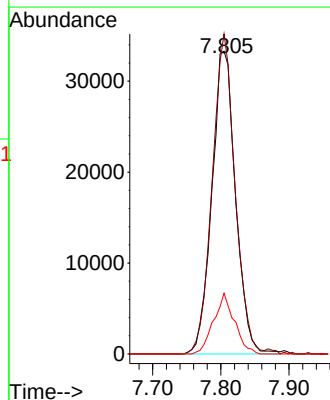
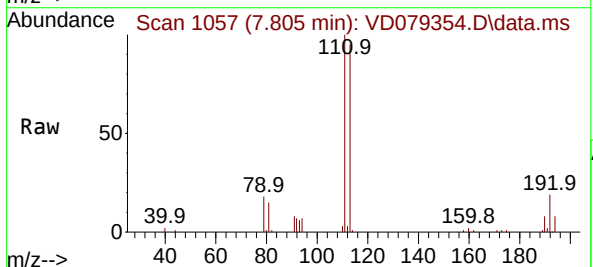
Tgt Ion:113 Resp: 80649

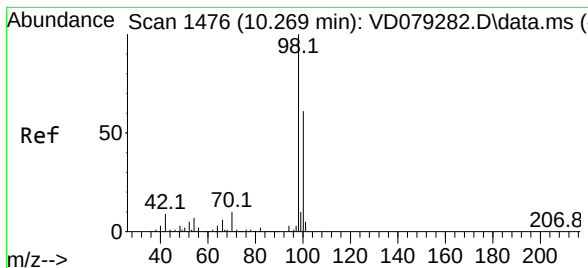
Ion Ratio Lower Upper

113 100

111 101.5 84.0 126.0

192 17.6 15.4 23.0

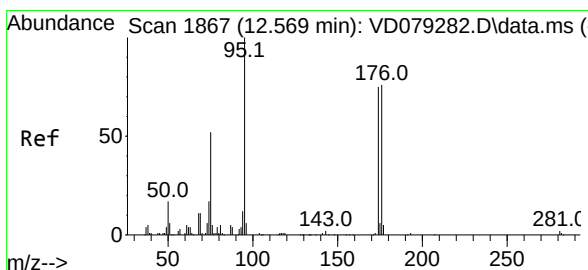
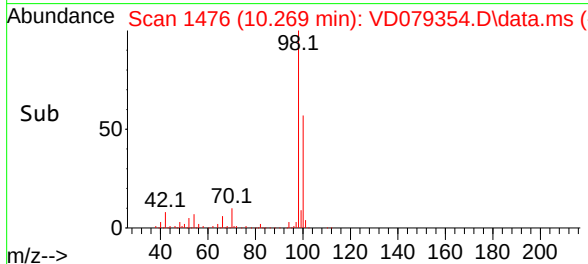
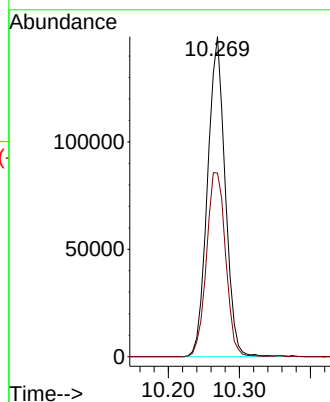
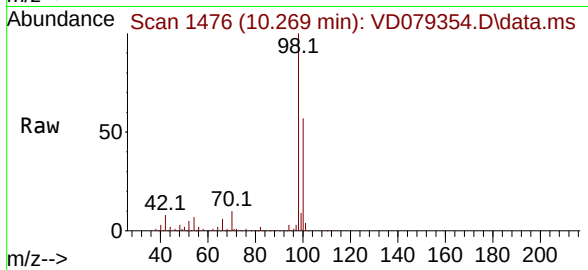




#50
Toluene-d8
Concen: 59.484 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

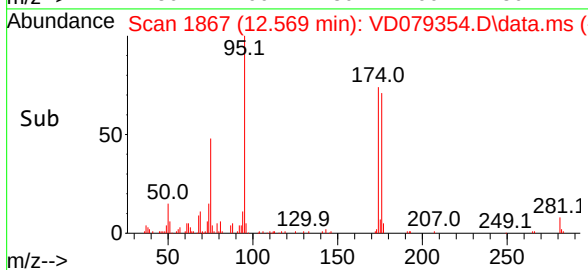
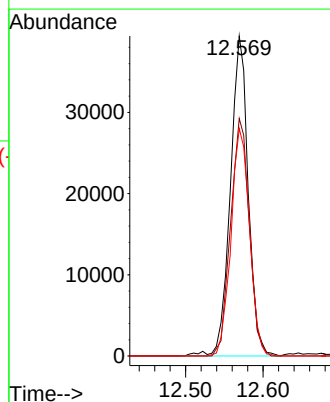
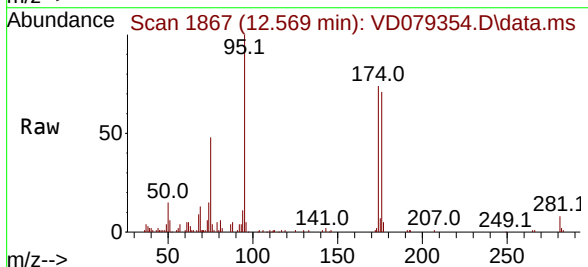
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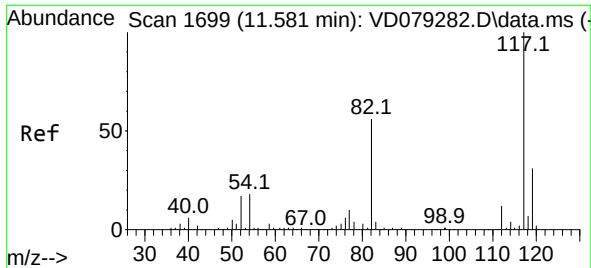
Tgt Ion: 98 Resp: 257096
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

Tgt Ion: 95 Resp: 63258
Ion Ratio Lower Upper
95 100
174 77.4 0.0 195.4
176 73.7 0.0 192.6

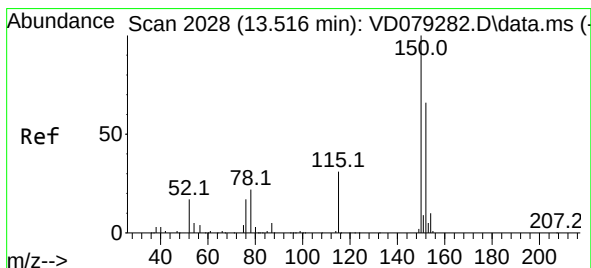
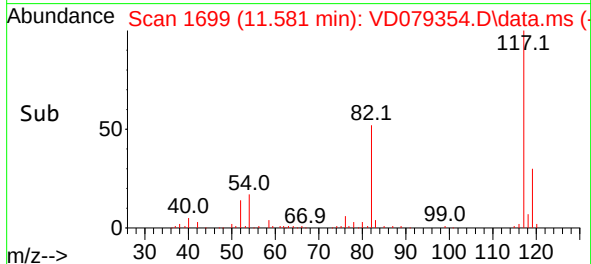
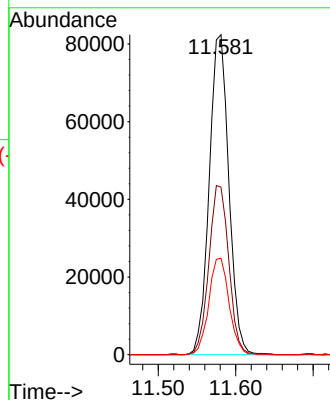
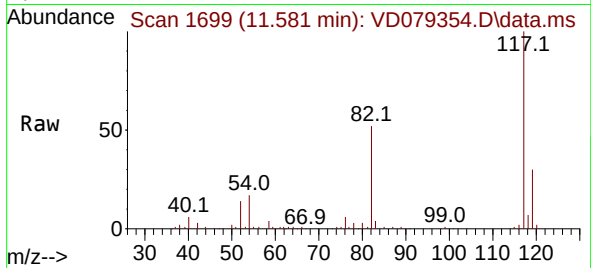




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

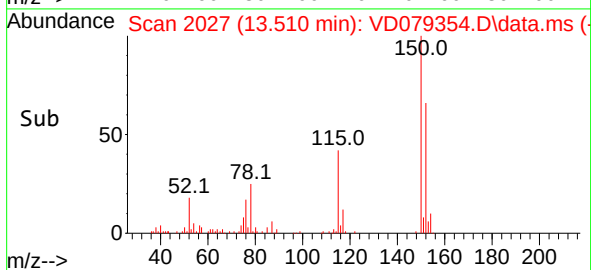
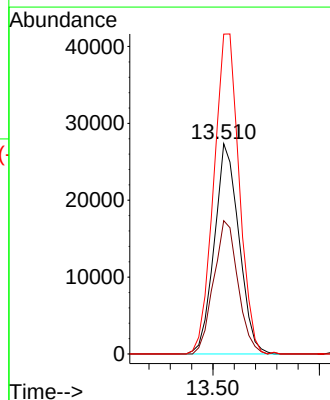
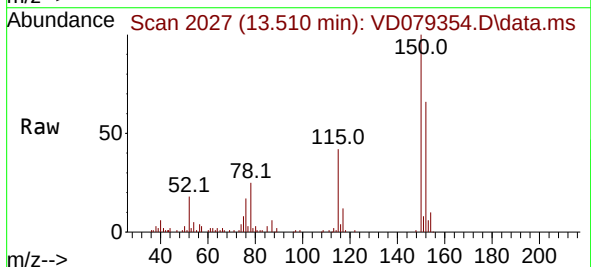
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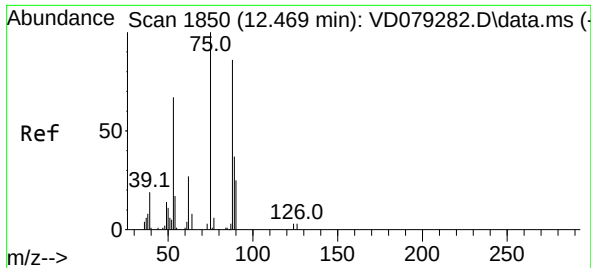
Tgt Ion:117 Resp: 145210
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 30.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

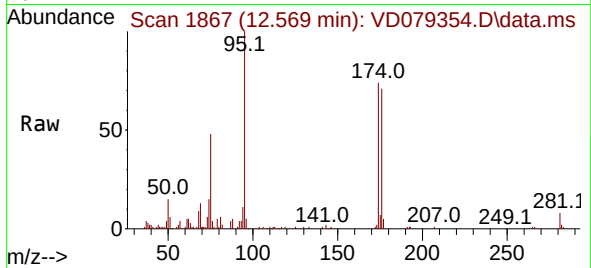
Tgt Ion:152 Resp: 43859
Ion Ratio Lower Upper
152 100
115 62.7 26.5 79.5
150 156.7 0.0 341.6





#81
trans-1,4-Dichloro-2-butene
Concen: 139.440 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079354.D
Acq: 08 Jul 2024 21:20

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



Tgt Ion:	75	Resp:	31165
Ion	Ratio	Lower	Upper
75	100		
53	0.4	61.4	92.2#
89	0.0	35.4	53.0#

