

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079453.D
 Acq On : 30 Jul 2024 12:41
 Operator : RP/MD
 Sample : P3362-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Quant Time: Jul 30 15:41:55 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)

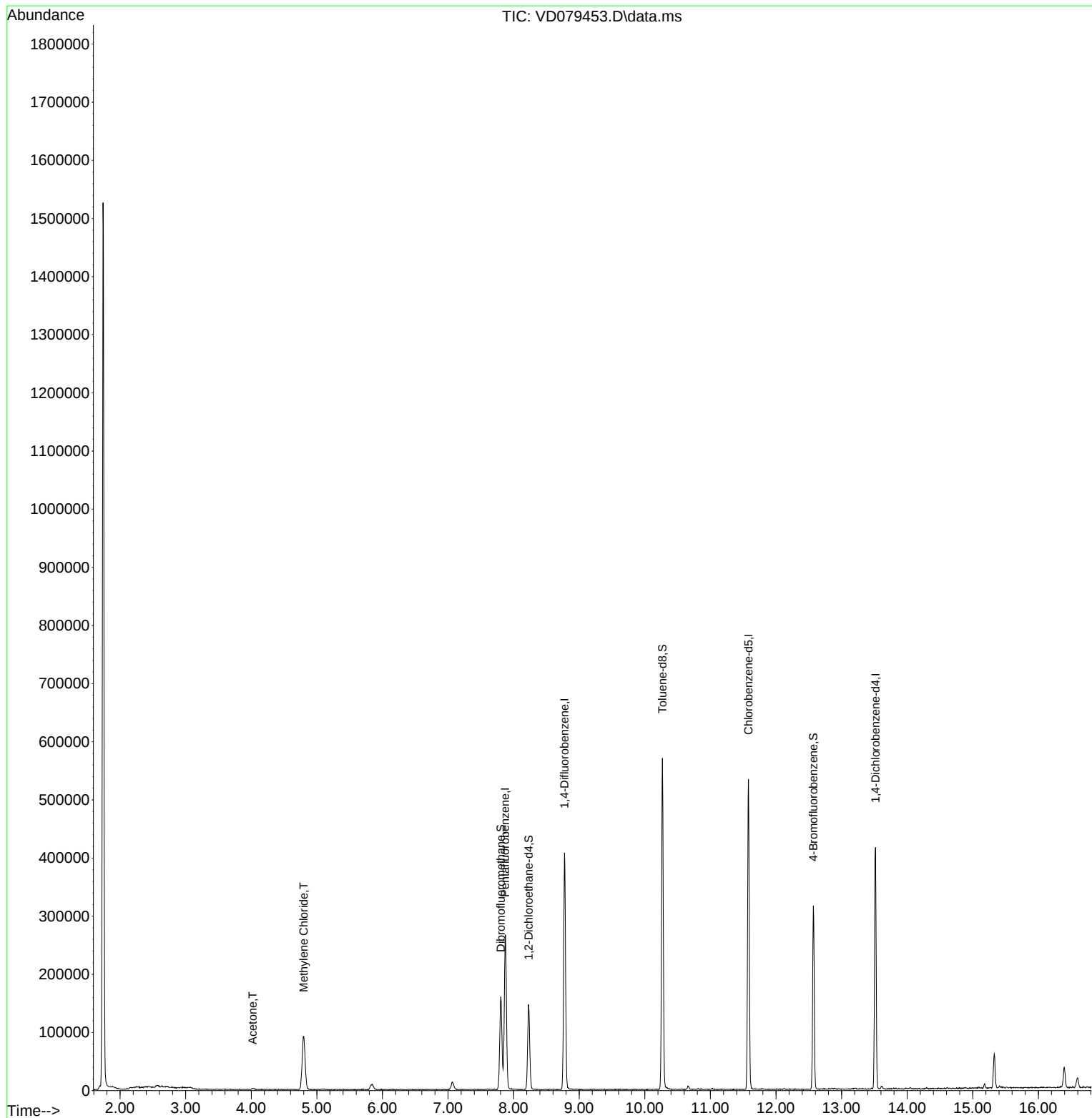
Internal Standards						
1) Pentafluorobenzene	7.869	168	216291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	372751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112865	51.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.805	113	116618	46.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.440%	
50) Toluene-d8	10.269	98	405629	41.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.800%	
62) 4-Bromofluorobenzene	12.569	95	99154	34.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.940%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	3217	7.533	ug/l	92
20) Methylene Chloride	4.799	84	76809	13.645	ug/l	96

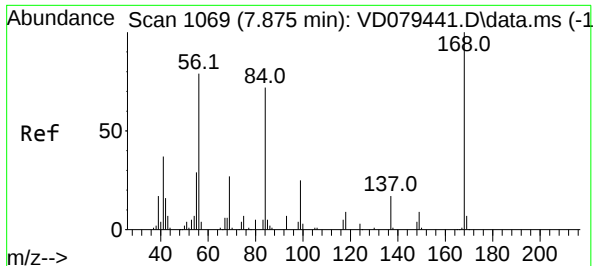
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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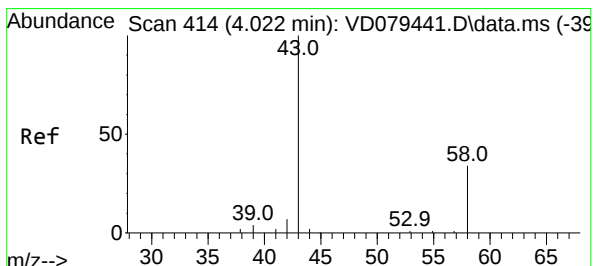
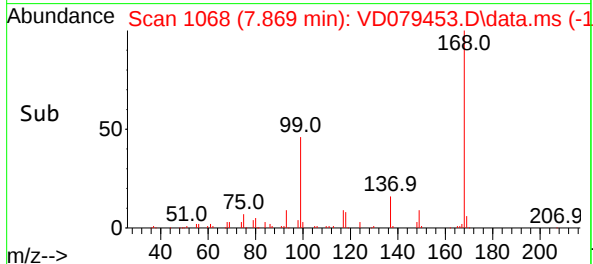
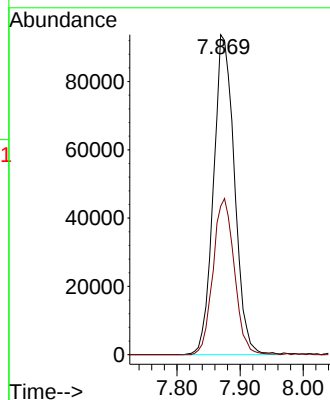
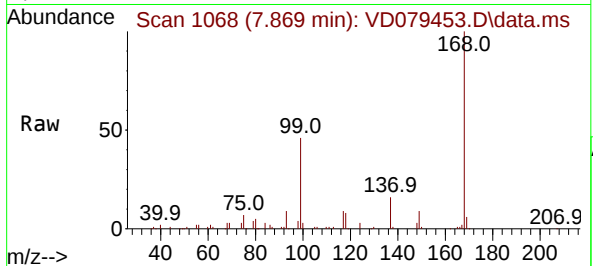




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

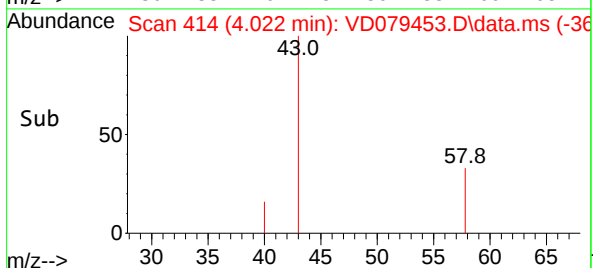
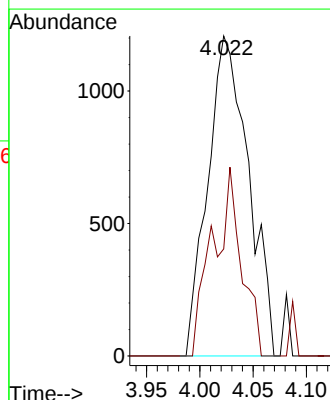
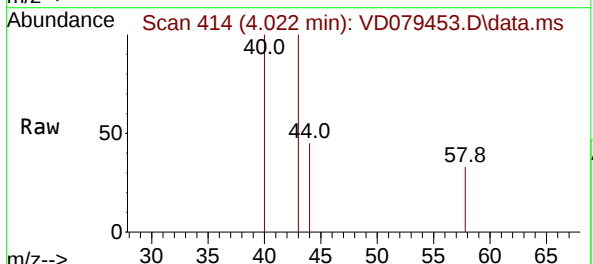
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

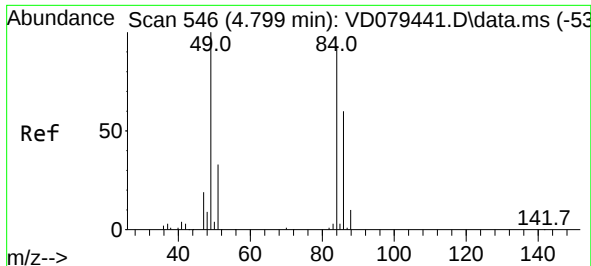
Tgt Ion:168 Resp: 216291
Ion Ratio Lower Upper
168 100
99 46.4 41.1 61.7



#16
Acetone
Concen: 7.533 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6

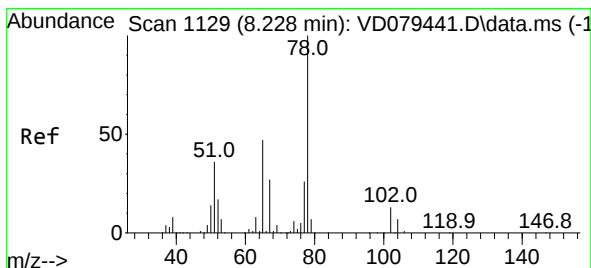
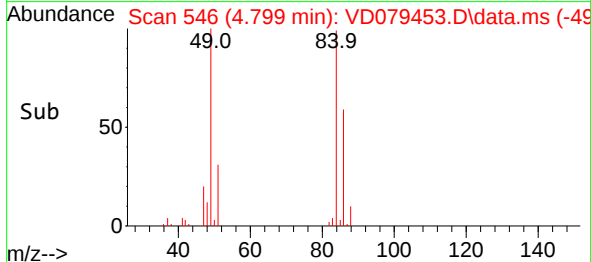
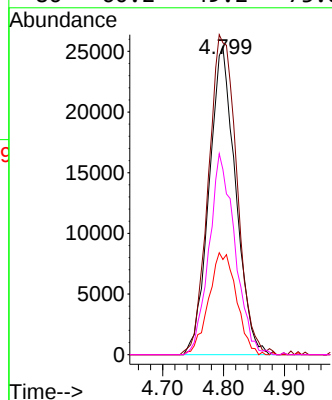
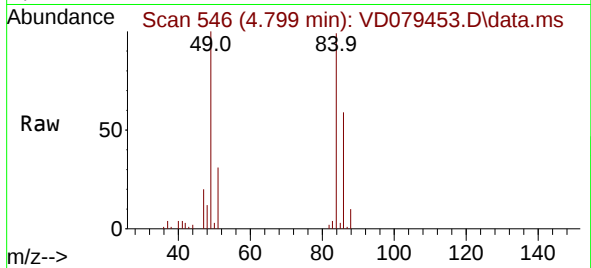




#20
Methylene Chloride
Concen: 13.645 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

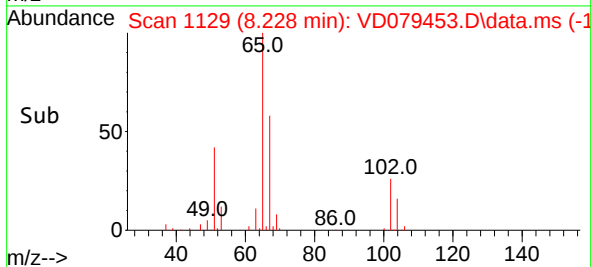
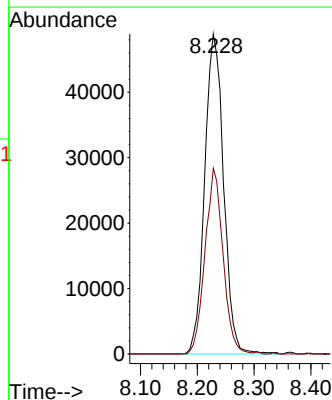
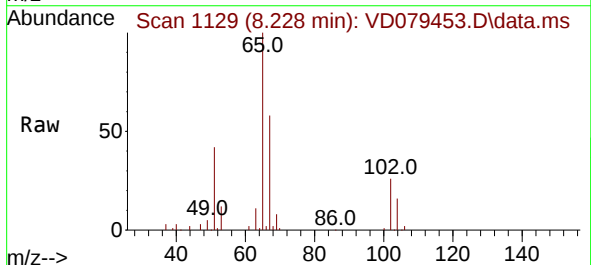
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

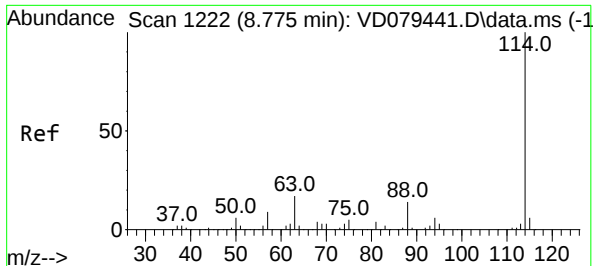
Tgt Ion:	84	Resp:	76809
Ion	Ratio	Lower	Upper
84	100		
49	101.4	75.6	113.4
51	30.9	24.2	36.2
86	60.2	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 51.365 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion:	65	Resp:	112865
Ion	Ratio	Lower	Upper
65	100		
67	55.4	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: VD079453.D

Acq: 30 Jul 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

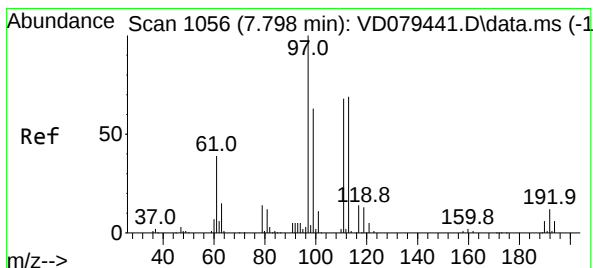
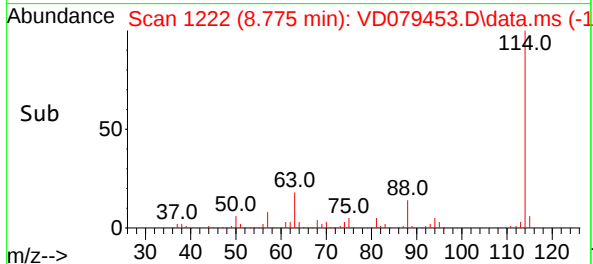
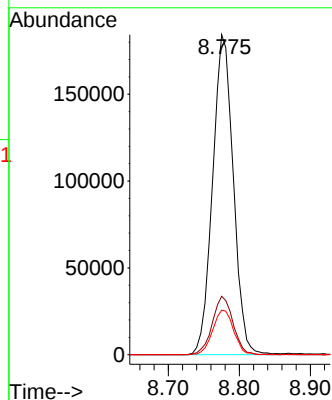
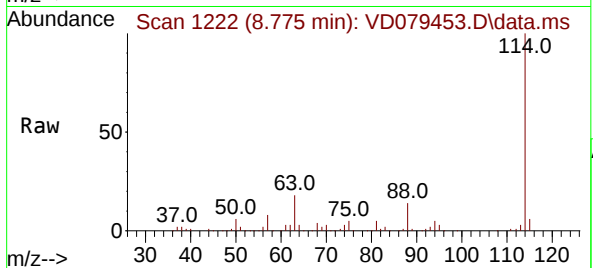
Tgt Ion:114 Resp: 372751

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.223 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079453.D

Acq: 30 Jul 2024 12:41

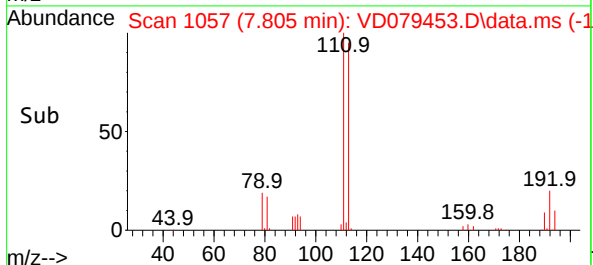
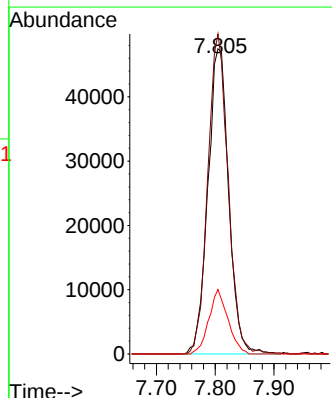
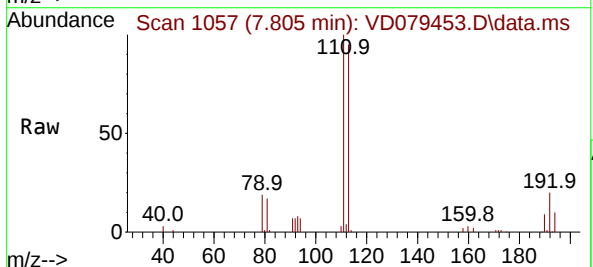
Tgt Ion:113 Resp: 116618

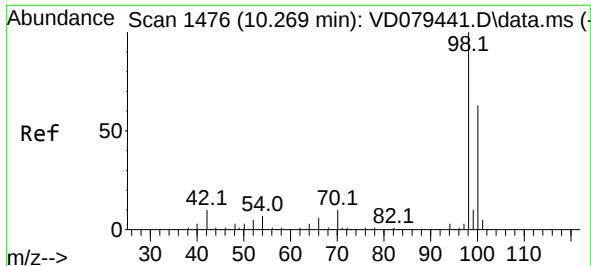
Ion Ratio Lower Upper

113 100

111 102.5 84.0 126.0

192 19.4 15.4 23.0

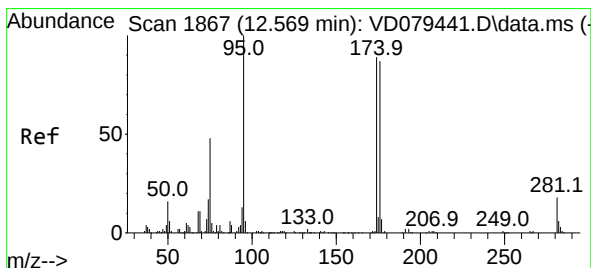
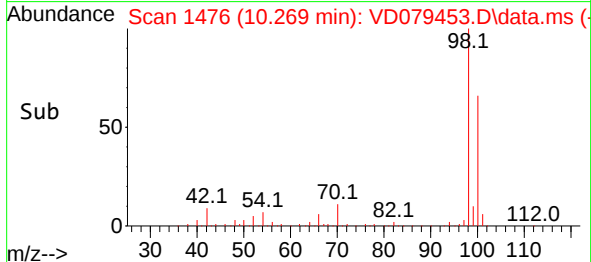
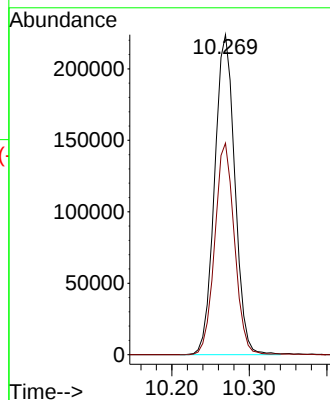
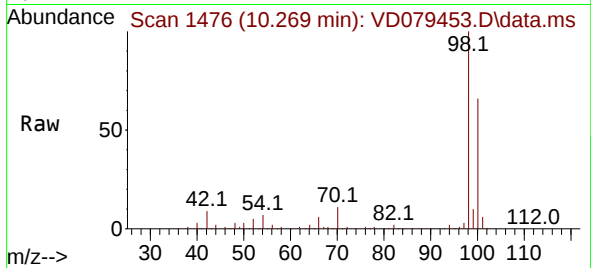




#50
Toluene-d8
Concen: 41.401 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

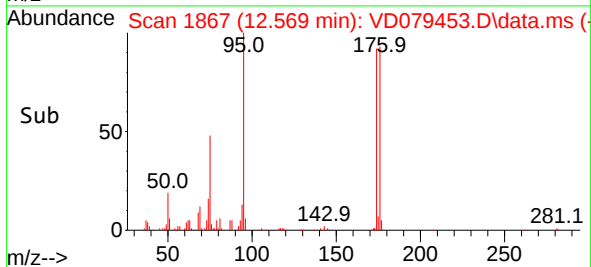
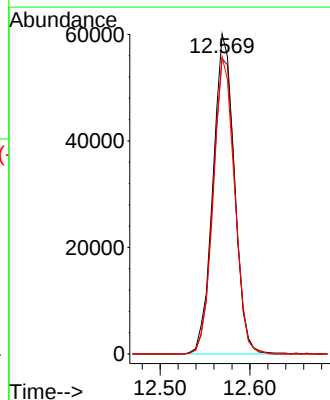
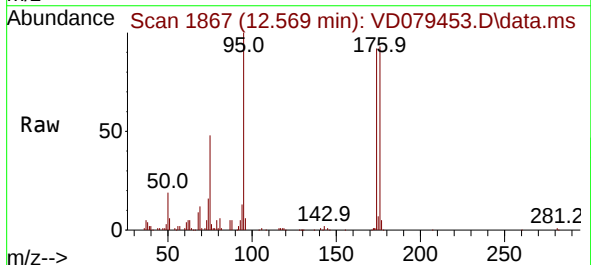
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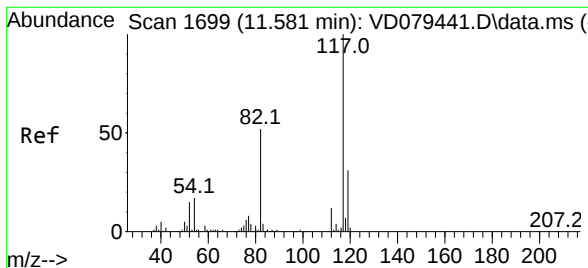
Tgt Ion: 98 Resp: 405629
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.972 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 95 Resp: 99154
Ion Ratio Lower Upper
95 100
174 95.2 0.0 195.4
176 92.3 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079453.D

Acq: 30 Jul 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

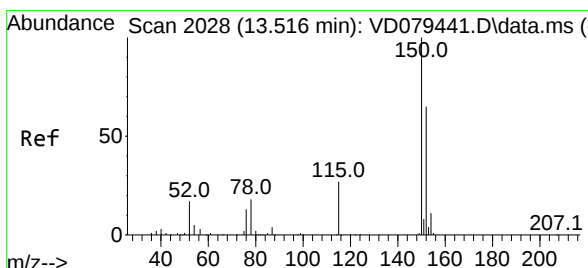
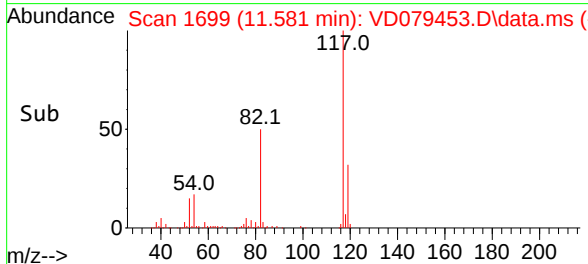
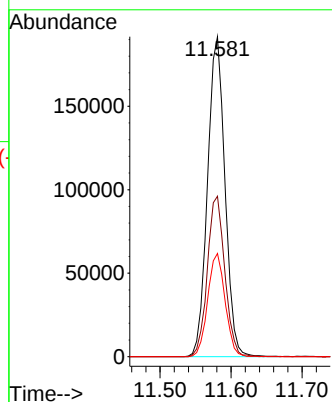
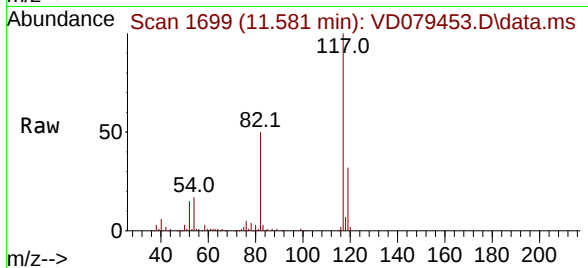
Tgt Ion:117 Resp: 326848

Ion Ratio Lower Upper

117 100

82 50.2 39.8 59.6

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079453.D

Acq: 30 Jul 2024 12:41

Tgt Ion:152 Resp: 123759

Ion Ratio Lower Upper

152 100

115 54.2 26.5 79.5

150 157.6 0.0 341.6

