

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079414.D
 Acq On : 26 Jul 2024 18:10
 Operator : RP/MD
 Sample : P3362-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Quant Time: Jul 27 03:36:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

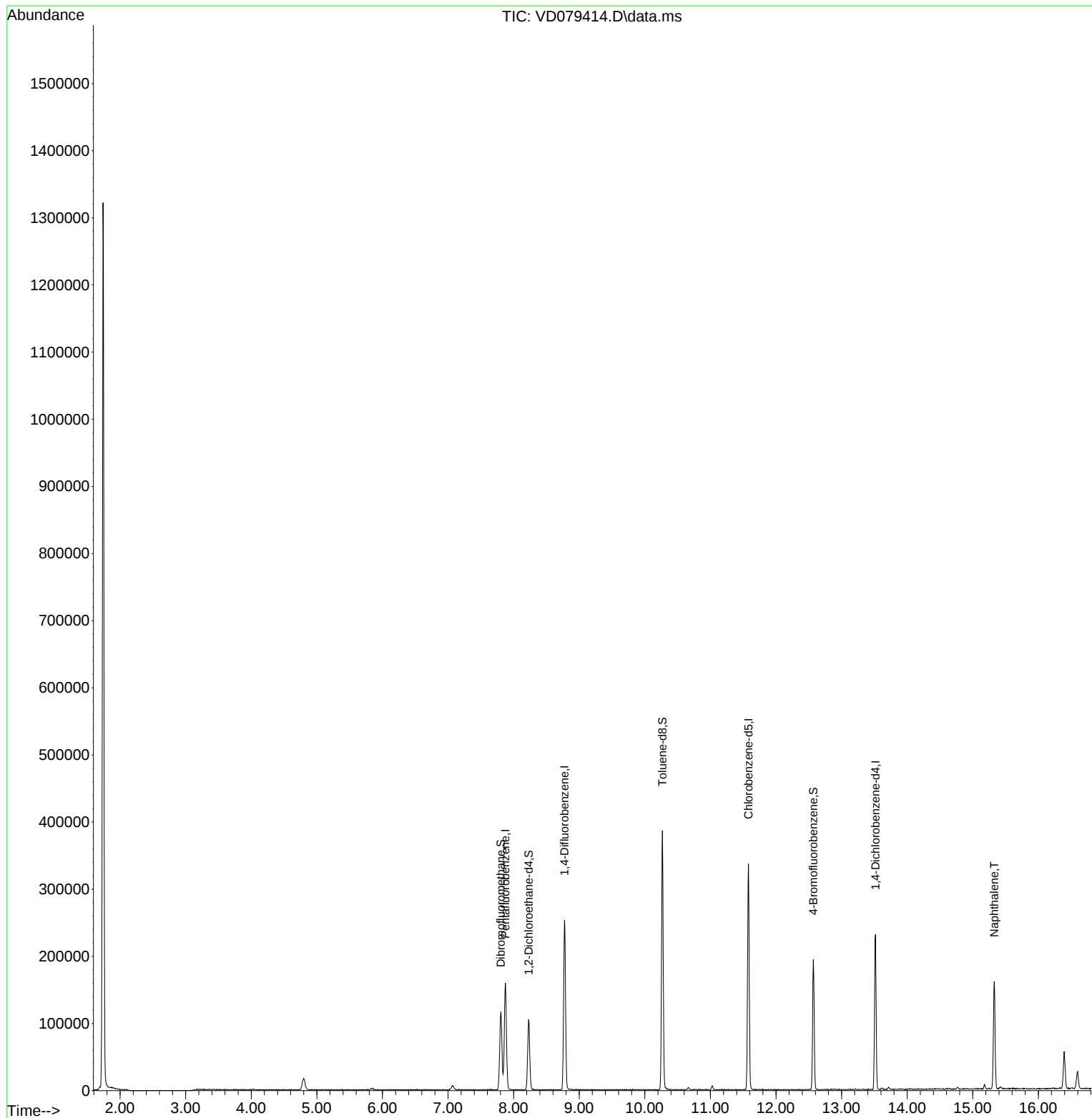
Internal Standards						
1) Pentafluorobenzene	7.875	168	114059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	232028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80851	74.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.700%	
35) Dibromofluoromethane	7.805	113	87575	62.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.180%	
50) Toluene-d8	10.269	98	271165	49.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.080%	
62) 4-Bromofluorobenzene	12.569	95	65580	38.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.100%	
Target Compounds						
					Qvalue	
95) Naphthalene	15.328	128	139688	65.068	ug/l	96

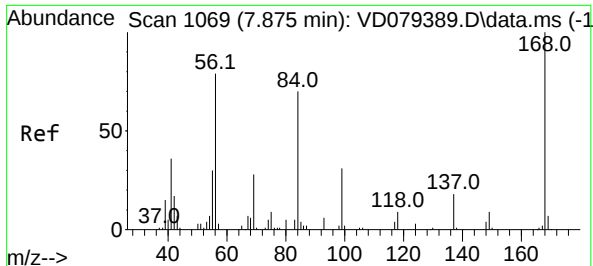
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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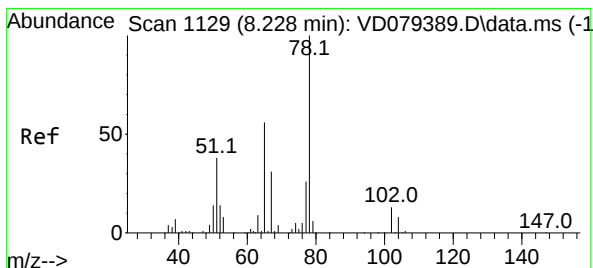
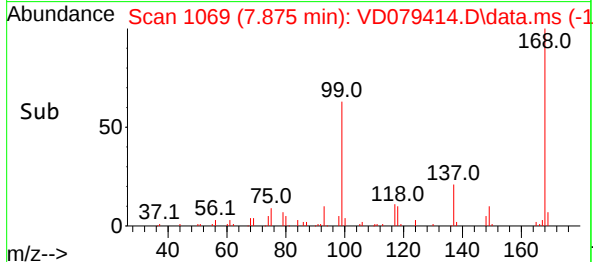
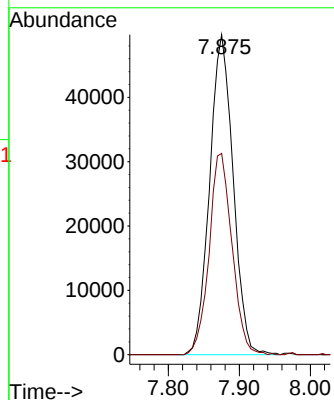
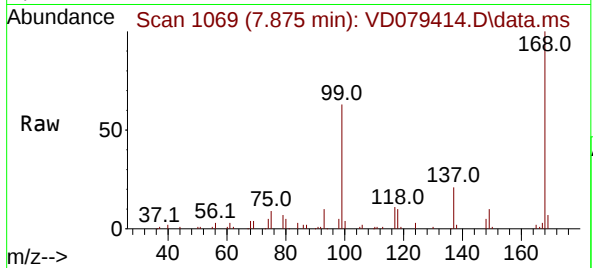




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

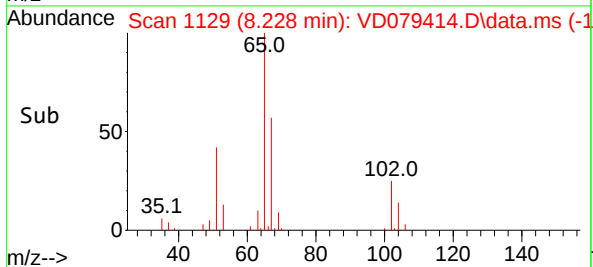
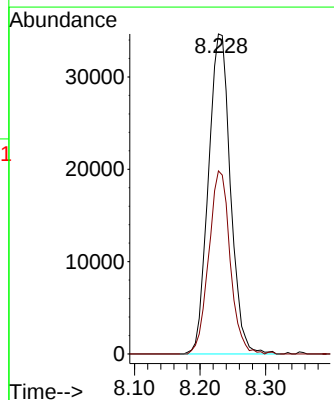
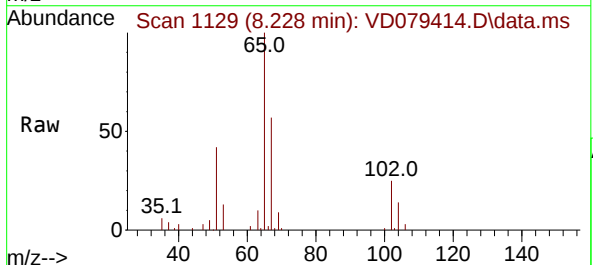
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

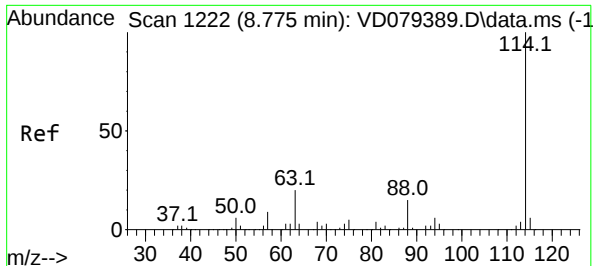
Tgt Ion:168 Resp: 114059
Ion Ratio Lower Upper
168 100
99 62.9 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 74.855 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

Tgt Ion: 65 Resp: 80851
Ion Ratio Lower Upper
65 100
67 55.3 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: VD079414.D

Acq: 26 Jul 2024 18:10

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

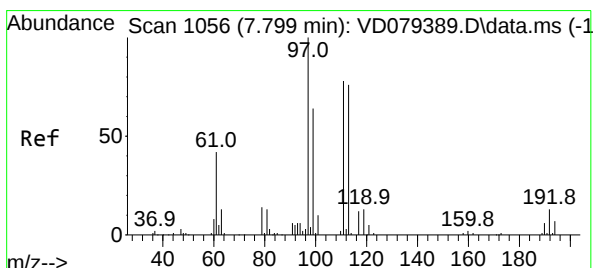
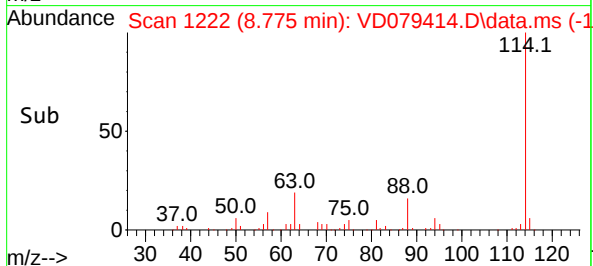
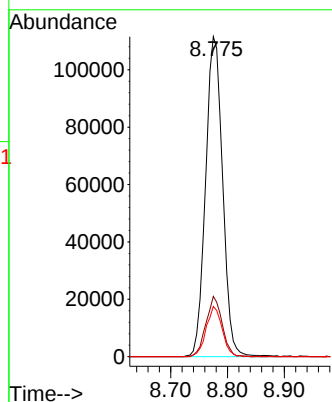
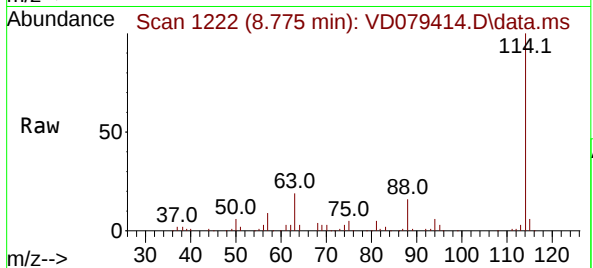
Tgt Ion:114 Resp: 232028

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 62.091 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079414.D

Acq: 26 Jul 2024 18:10

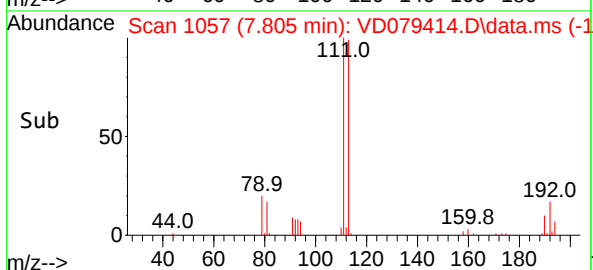
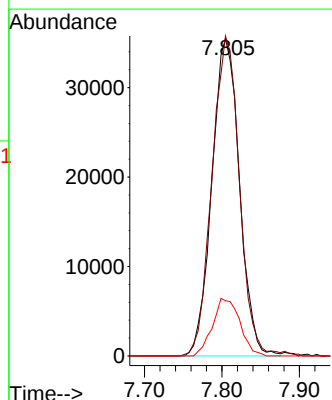
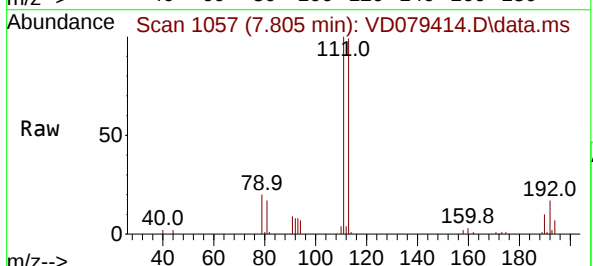
Tgt Ion:113 Resp: 87575

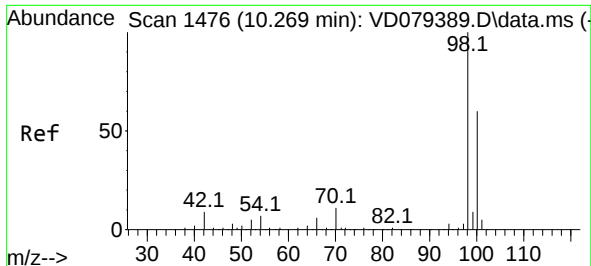
Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 18.0 15.4 23.0

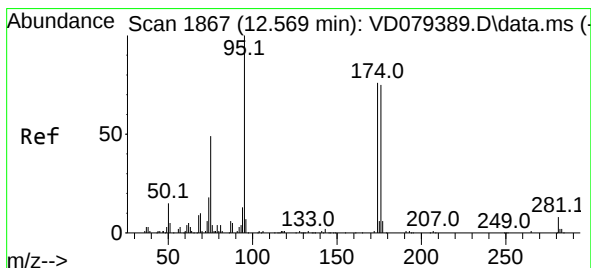
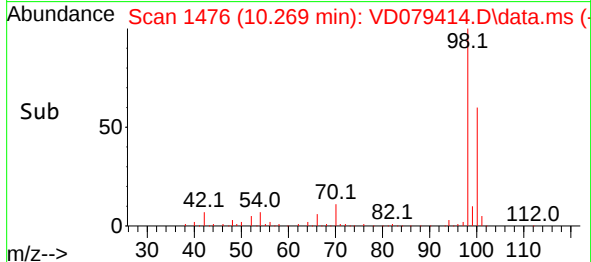
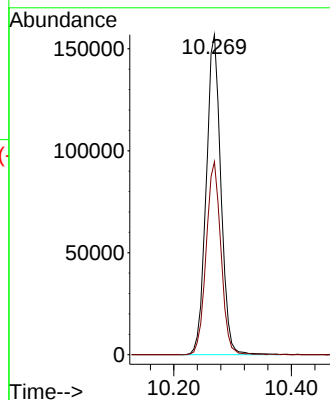
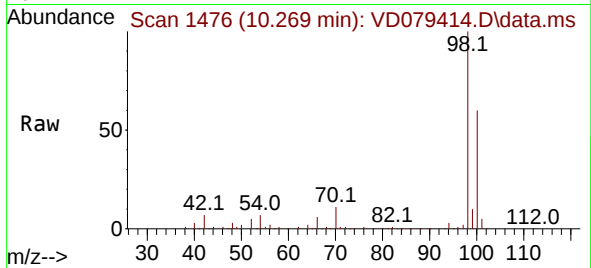




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

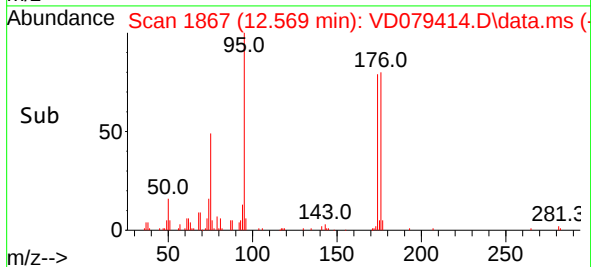
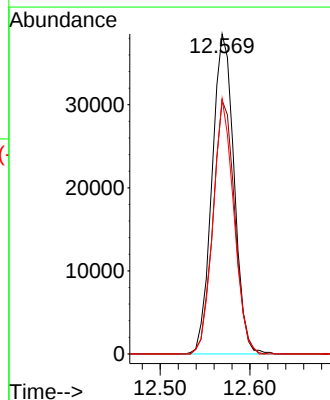
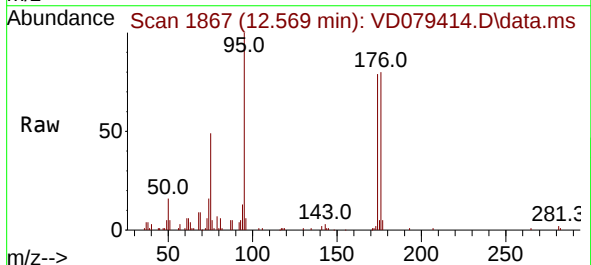
Instrument :
MSVOA_D
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VNJ-220

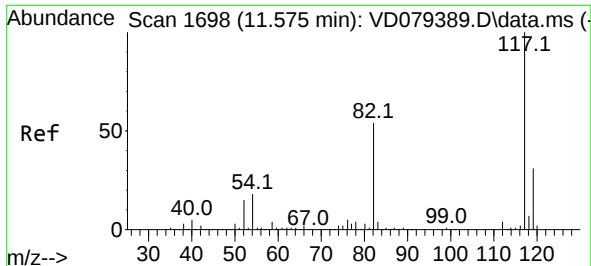
Tgt Ion: 98 Resp: 271165
Ion Ratio Lower Upper
98 100
100 60.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.049 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

Tgt Ion: 95 Resp: 65580
Ion Ratio Lower Upper
95 100
174 78.4 0.0 195.4
176 75.2 0.0 192.6

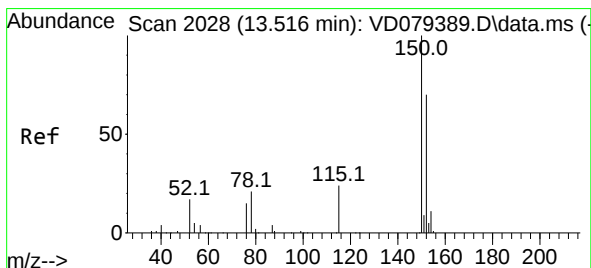
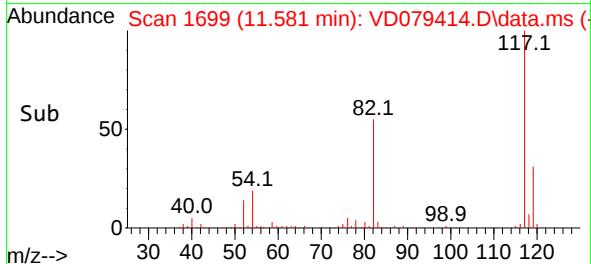
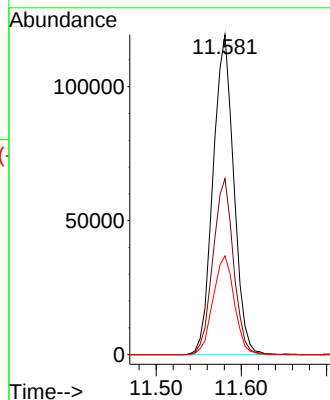
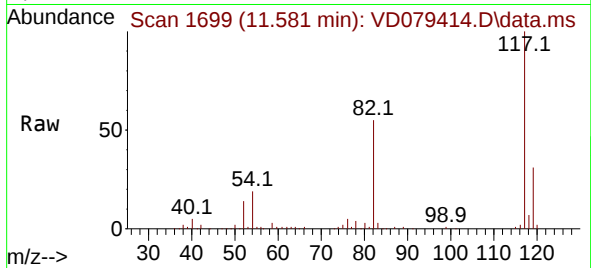




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

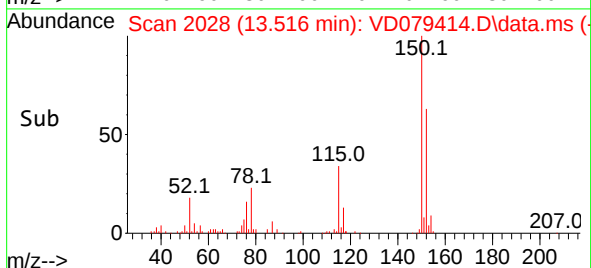
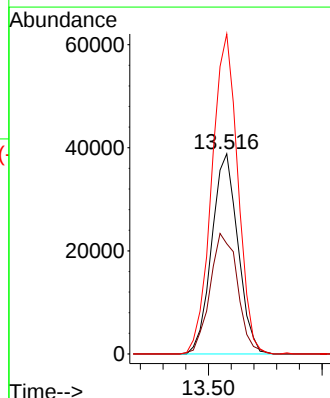
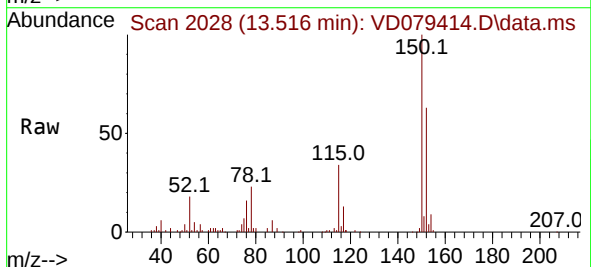
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

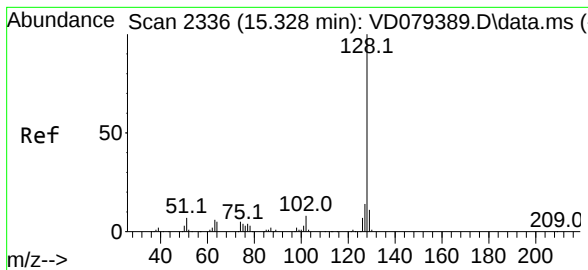
Tgt Ion:117 Resp: 201564
Ion Ratio Lower Upper
117 100
82 55.0 39.8 59.6
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

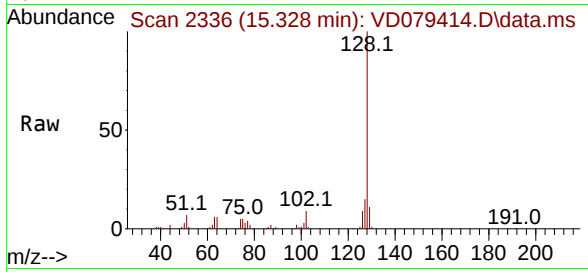
Tgt Ion:152 Resp: 62106
Ion Ratio Lower Upper
152 100
115 63.5 26.5 79.5
150 158.8 0.0 341.6





#95
Naphthalene
Concen: 65.068 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079414.D
Acq: 26 Jul 2024 18:10

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220



Tgt Ion:128 Resp: 139688

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	11.2	8.5	12.7

