

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079299.D
 Acq On : 01 Jul 2024 16:40
 Operator : RP/MD
 Sample : P3134-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-238

Quant Time: Jul 02 05:59:16 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)

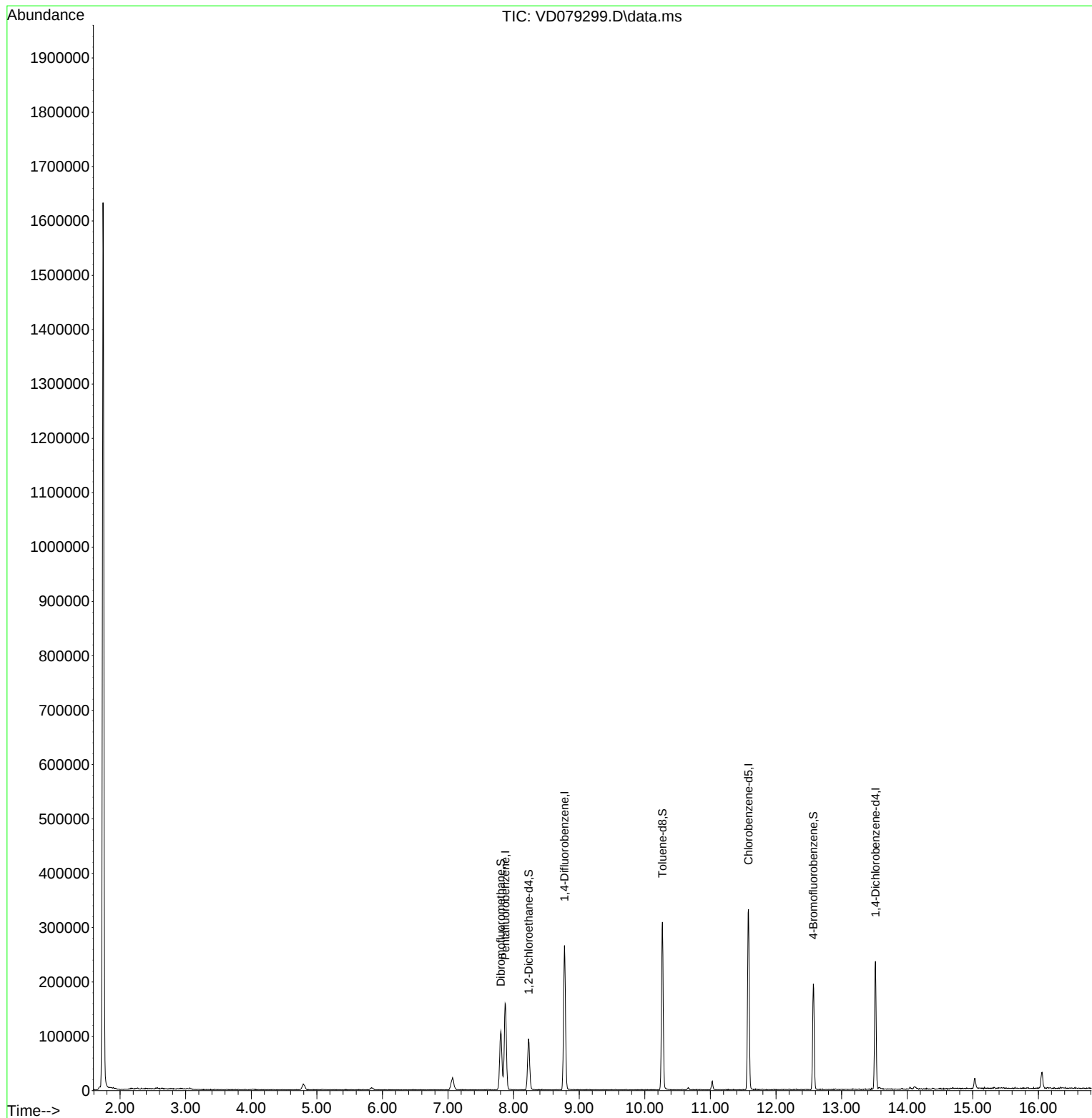
Internal Standards						
1) Pentafluorobenzene	7.875	168	110870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	236863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72330	68.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.400%
35) Dibromofluoromethane	7.805	113	81406	52.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.269	98	219636	39.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.540%
62) 4-Bromofluorobenzene	12.569	95	66311	36.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.940%
Target Compounds						
20) Methylene Chloride	4.793	84	8478	Below Cal	Qvalue 86	

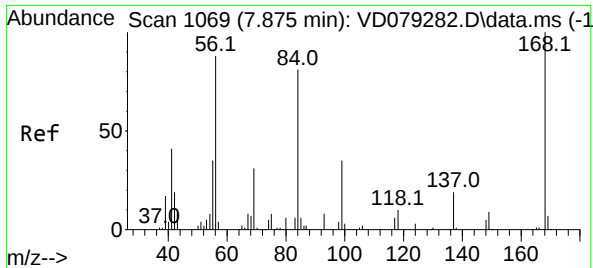
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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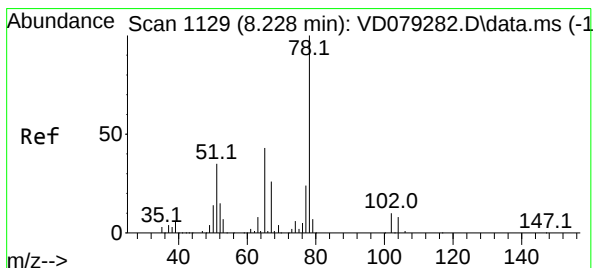
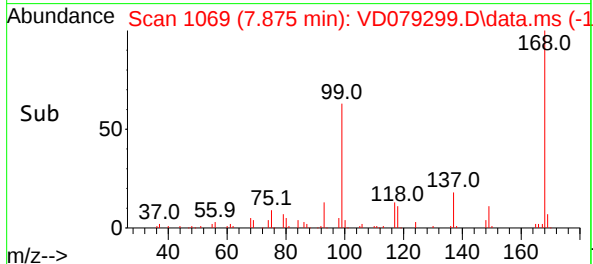
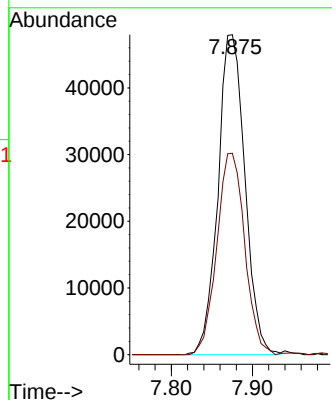
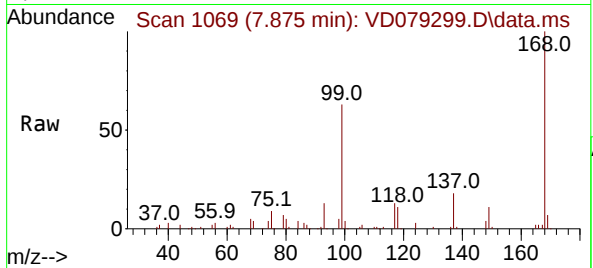




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079299.D
Acq: 01 Jul 2024 16:40

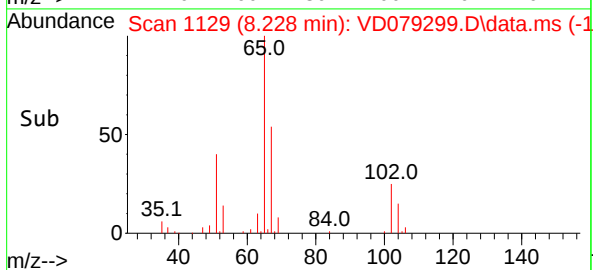
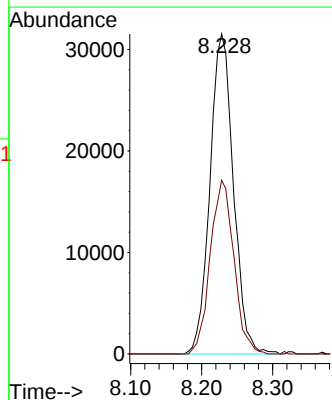
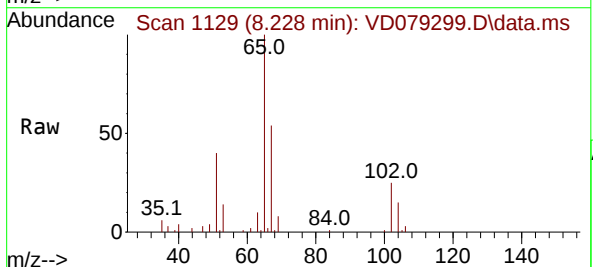
Instrument :
MSVOA_D
ClientSampleId :
VNJ-238

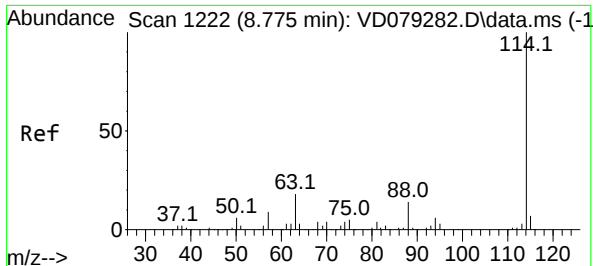
Tgt Ion:168 Resp: 110870
Ion Ratio Lower Upper
168 100
99 62.9 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 68.202 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079299.D
Acq: 01 Jul 2024 16:40

Tgt Ion: 65 Resp: 72330
Ion Ratio Lower Upper
65 100
67 54.7 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: VD079299.D

Acq: 01 Jul 2024 16:40

Instrument :

MSVOA_D

ClientSampleId :

VNJ-238

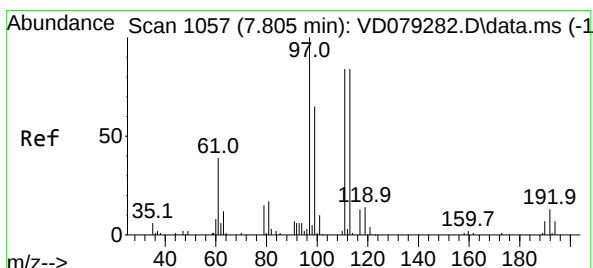
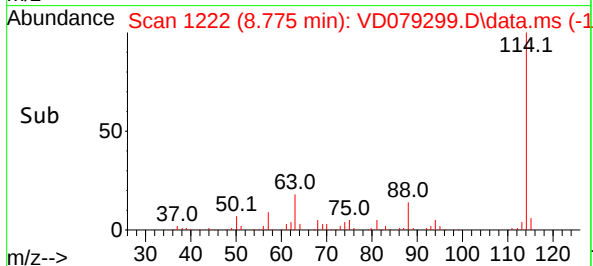
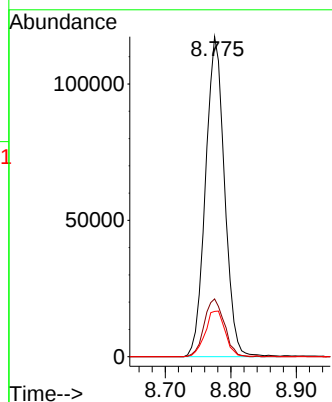
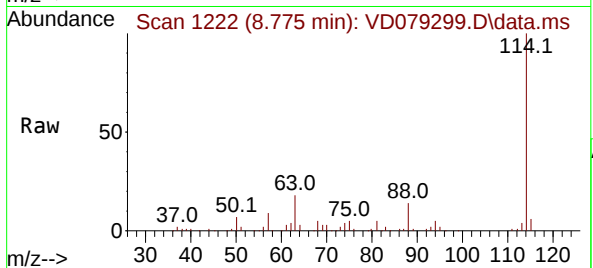
Tgt Ion:114 Resp: 236863

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.359 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079299.D

Acq: 01 Jul 2024 16:40

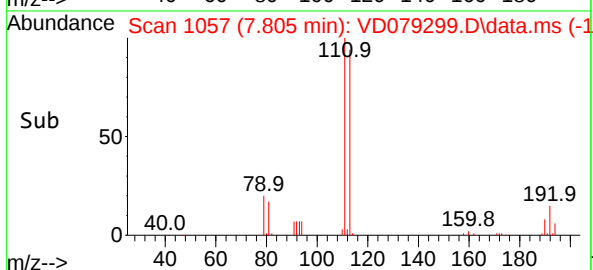
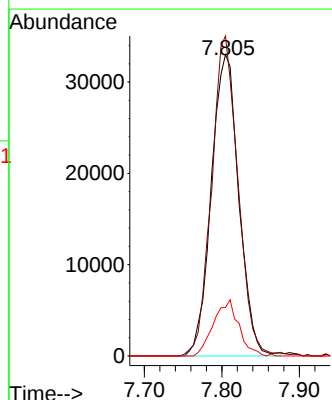
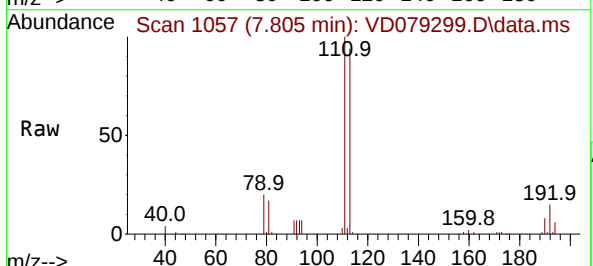
Tgt Ion:113 Resp: 81406

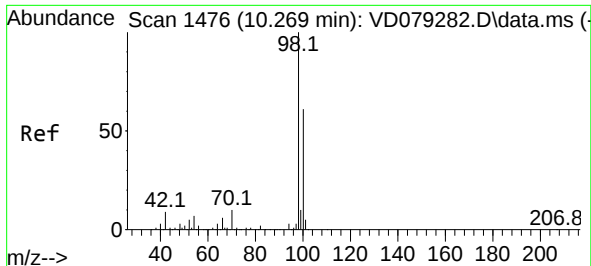
Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 17.0 15.4 23.0

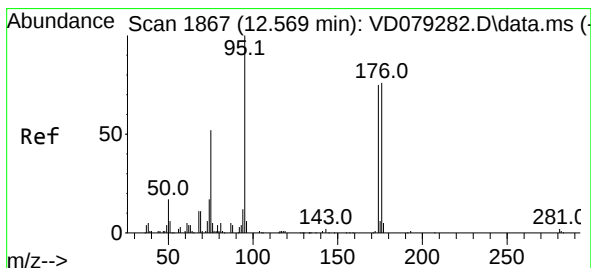
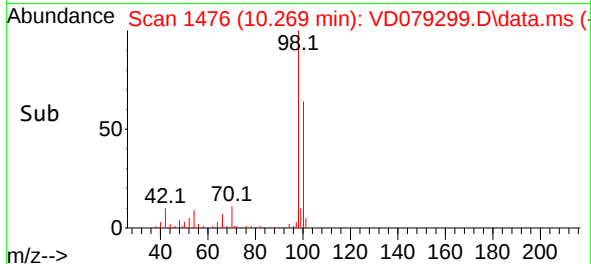
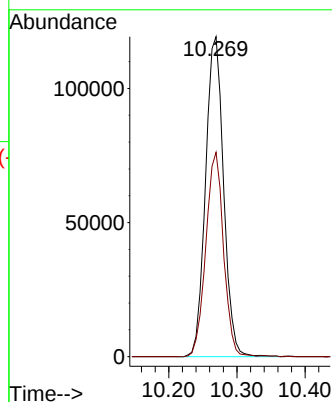
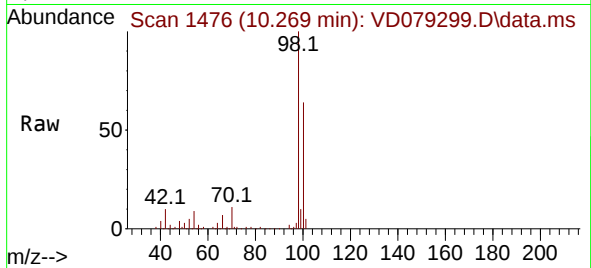




#50
Toluene-d8
Concen: 39.268 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079299.D
Acq: 01 Jul 2024 16:40

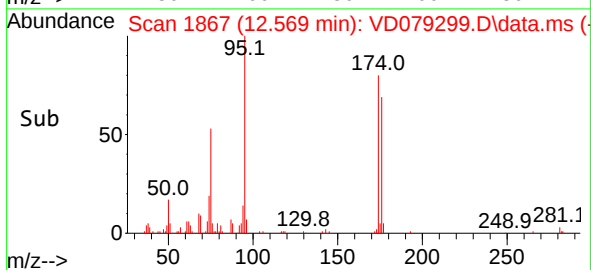
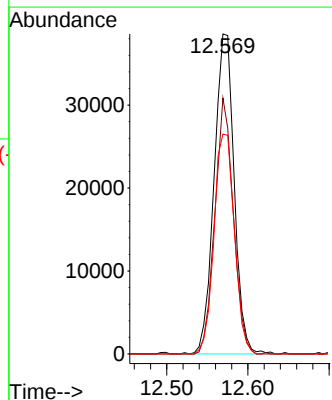
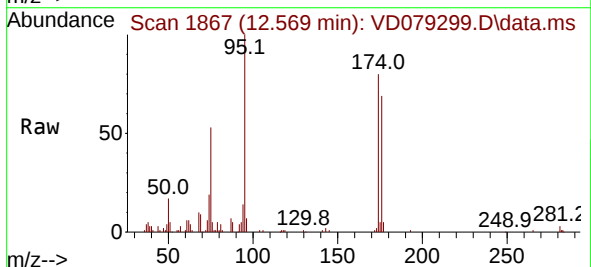
Instrument :
MSVOA_D
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VNJ-238

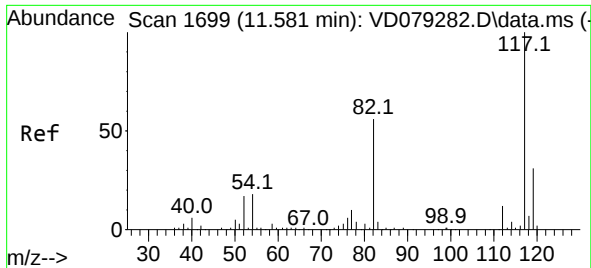
Tgt Ion: 98 Resp: 219636
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.971 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079299.D
Acq: 01 Jul 2024 16:40

Tgt Ion: 95 Resp: 66311
Ion Ratio Lower Upper
95 100
174 73.5 0.0 195.4
176 69.8 0.0 192.6

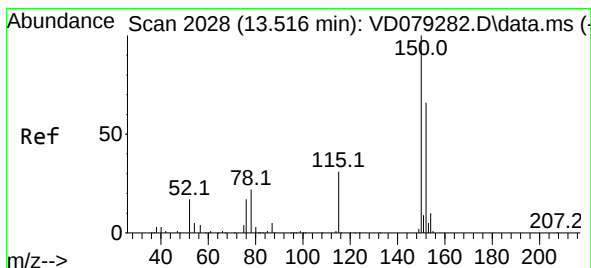
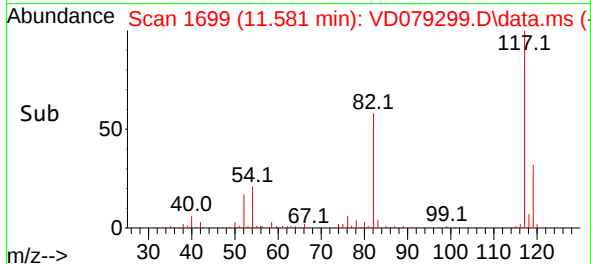
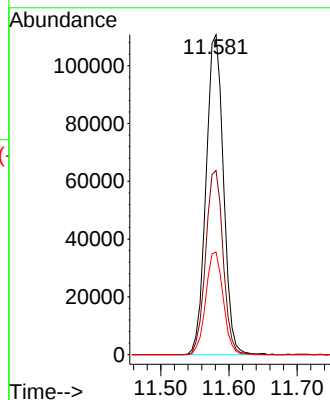
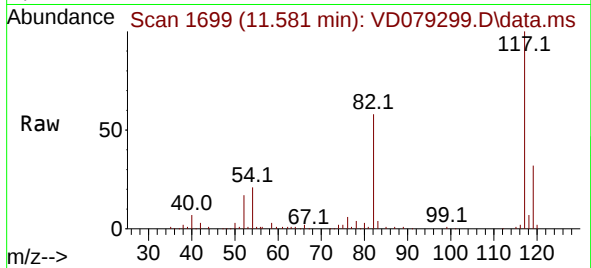




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079299.D
Acq: 01 Jul 2024 16:40

Instrument :
MSVOA_D
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 196850
Ion Ratio Lower Upper
117 100
82 57.6 39.8 59.6
119 32.1 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: VD079299.D
Acq: 01 Jul 2024 16:40

Tgt Ion:152 Resp: 61620
Ion Ratio Lower Upper
152 100
115 63.7 26.5 79.5
150 158.4 0.0 341.6

