

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078246.D
 Acq On : 25 Jan 2024 15:02
 Operator : RP/MD
 Sample : P1240-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223

Quant Time: Jan 26 14:40:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

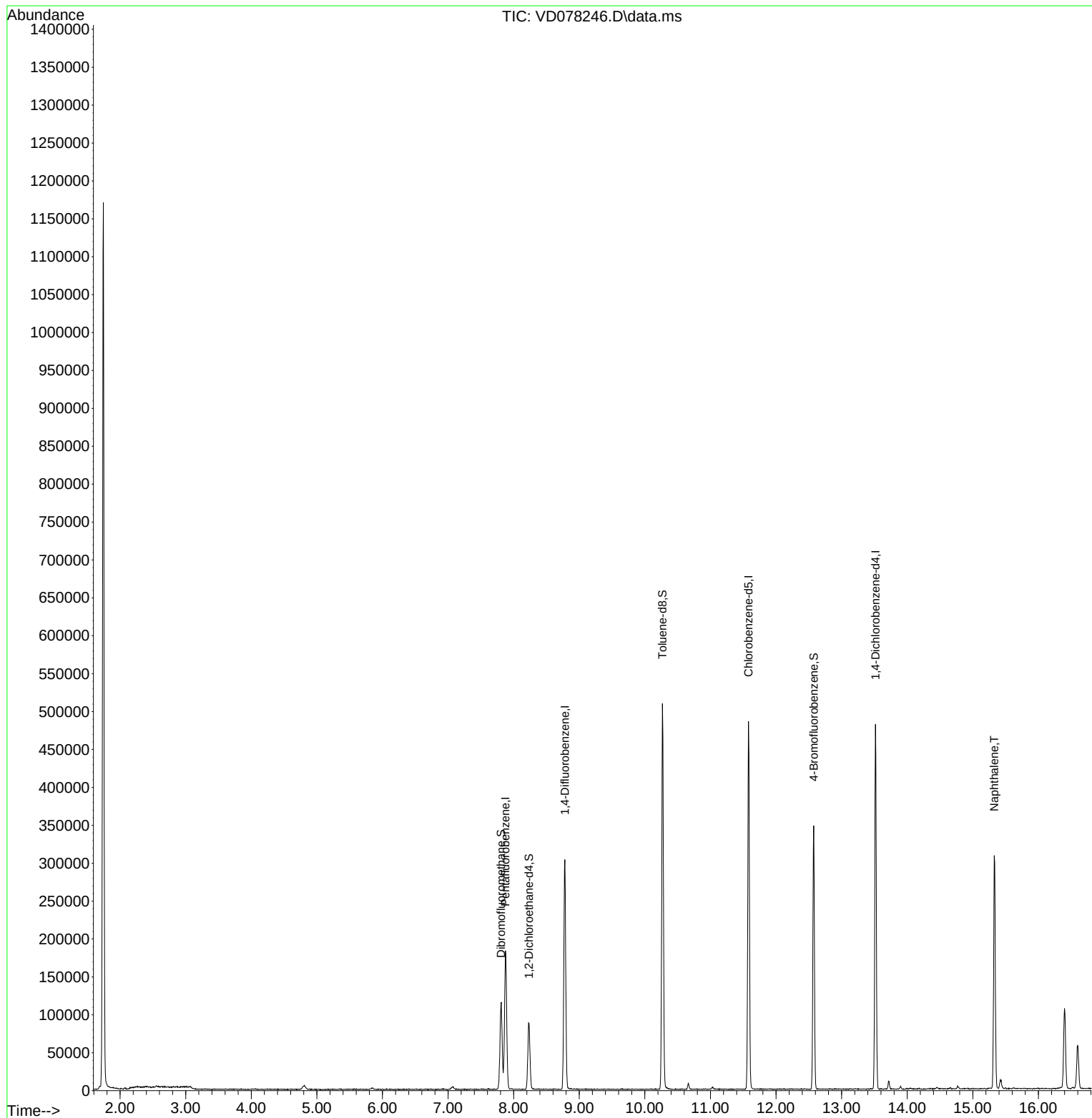
Internal Standards						
1) Pentafluorobenzene	7.875	168	131137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	267097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69568	46.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.810	113	81233	46.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.269	98	343612	49.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.575	95	105578	52.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.600%
Target Compounds						
95) Naphthalene	15.328	128	262693	63.598	ug/l	Qvalue 97

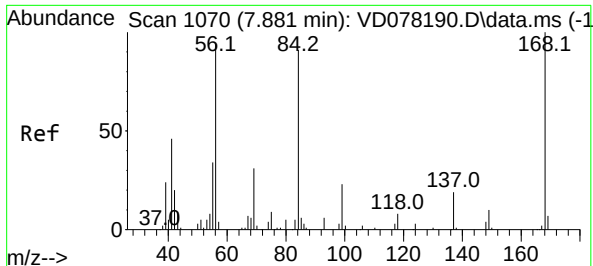
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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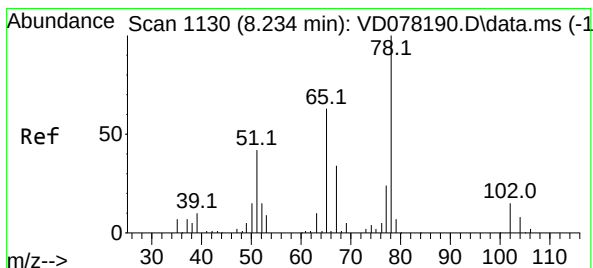
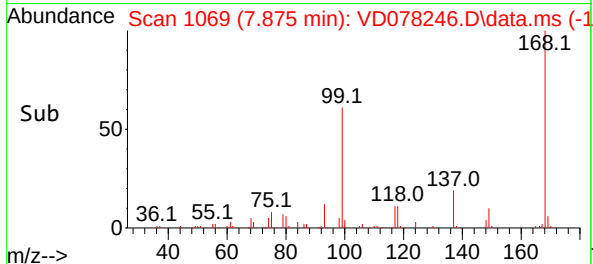
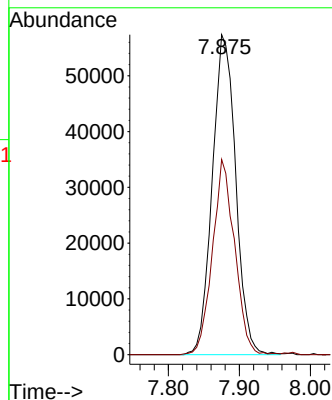
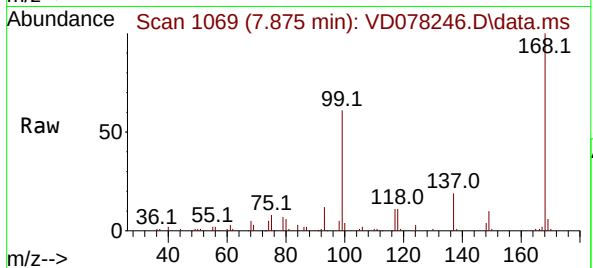




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

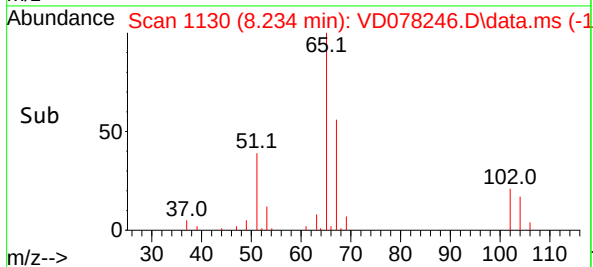
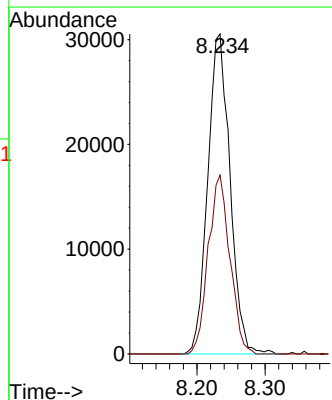
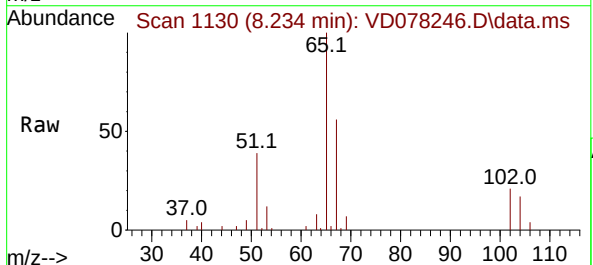
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

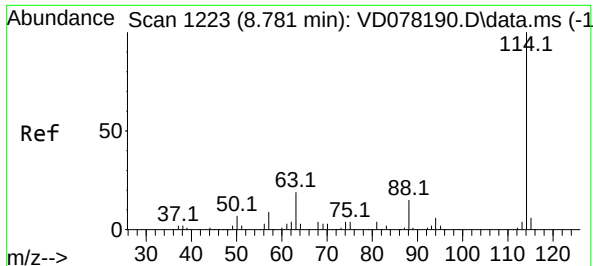
Tgt Ion:168 Resp: 131137
Ion Ratio Lower Upper
168 100
99 61.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 46.470 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

Tgt Ion: 65 Resp: 69568
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078246.D

Acq: 25 Jan 2024 15:02

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

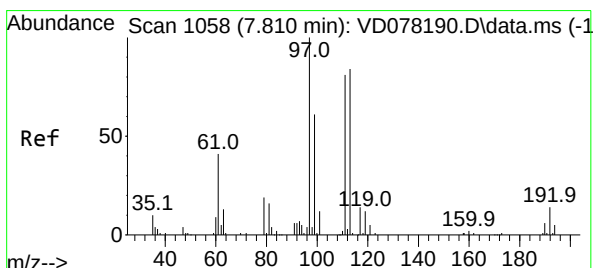
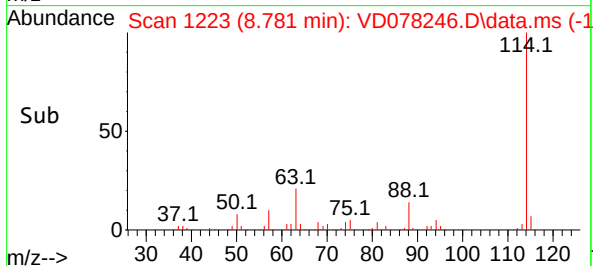
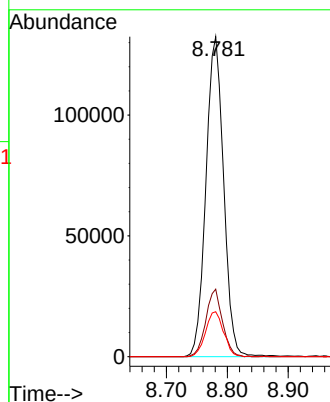
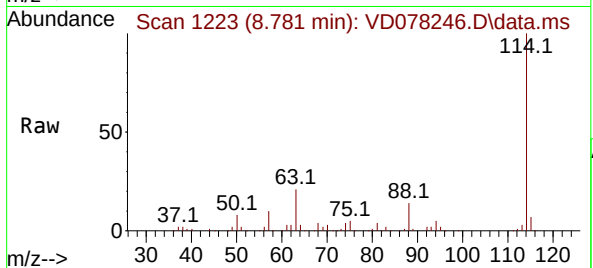
Tgt Ion:114 Resp: 267097

Ion Ratio Lower Upper

114 100

63 21.1 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.211 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078246.D

Acq: 25 Jan 2024 15:02

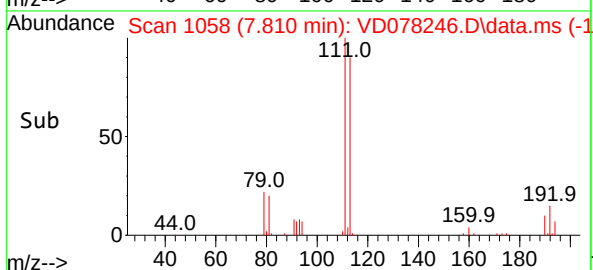
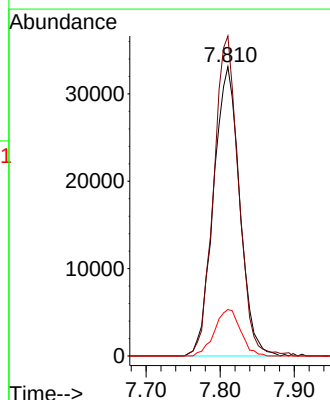
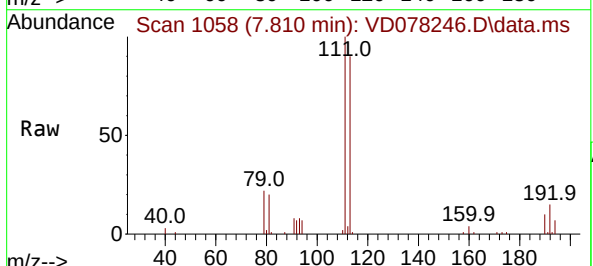
Tgt Ion:113 Resp: 81233

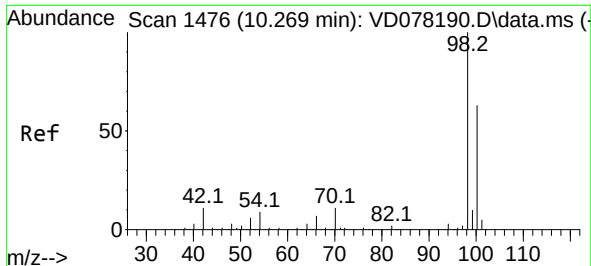
Ion Ratio Lower Upper

113 100

111 105.3 84.7 127.1

192 15.9 16.8 25.2#

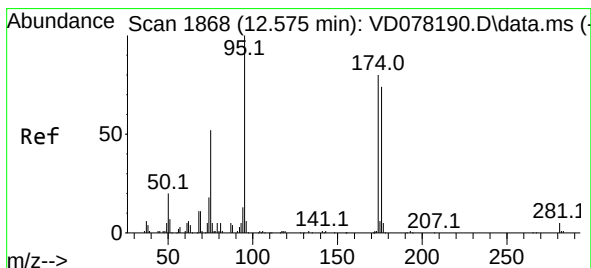
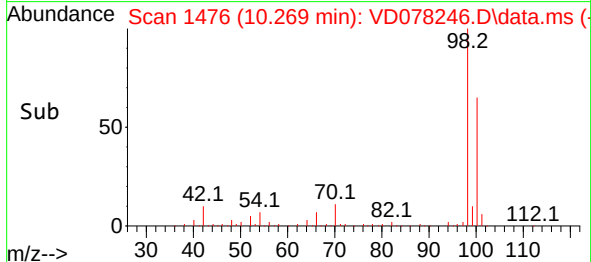
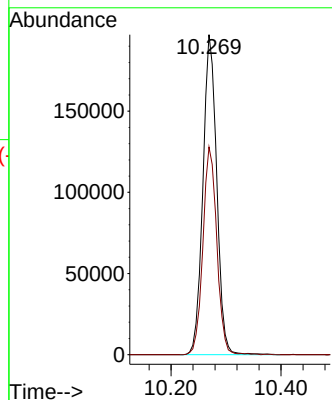
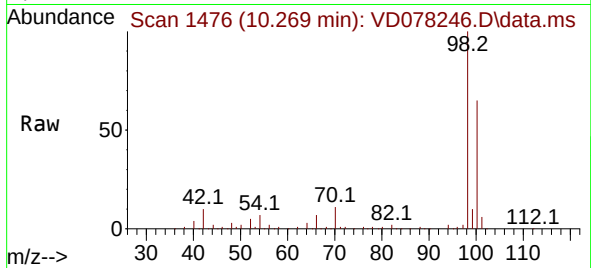




#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

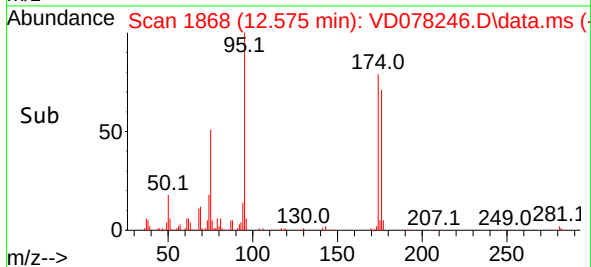
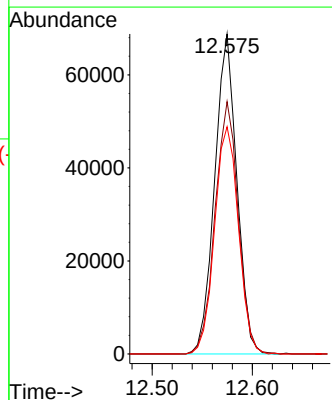
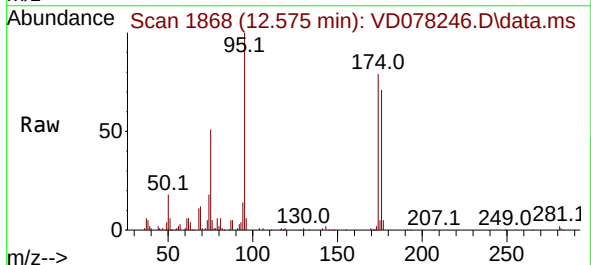
Instrument :
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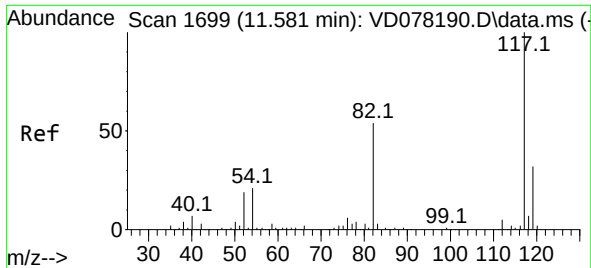
Tgt Ion: 98 Resp: 343612
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

Tgt Ion: 95 Resp: 105578
Ion Ratio Lower Upper
95 100
174 82.7 0.0 201.8
176 76.4 0.0 191.8

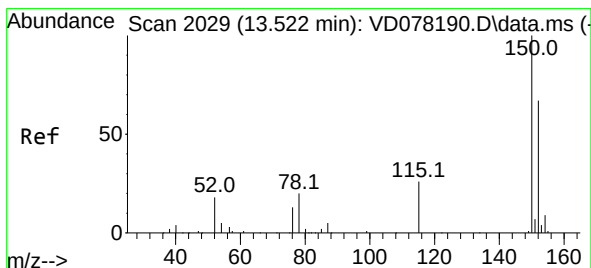
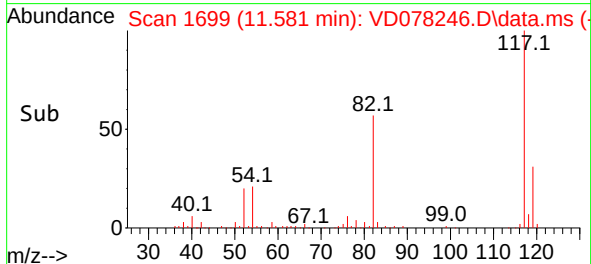
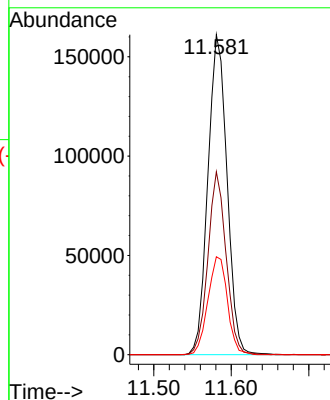
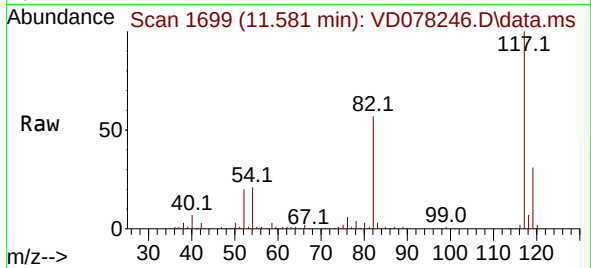




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

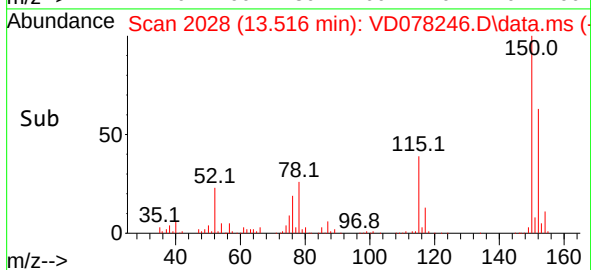
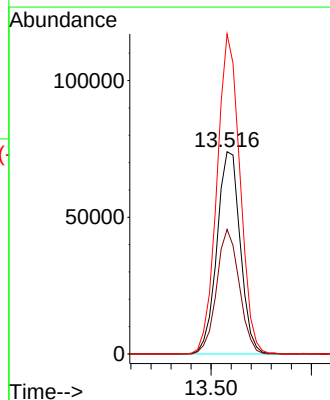
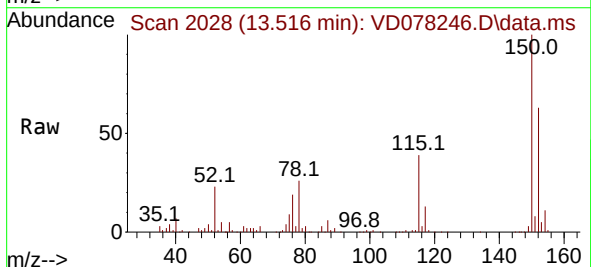
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

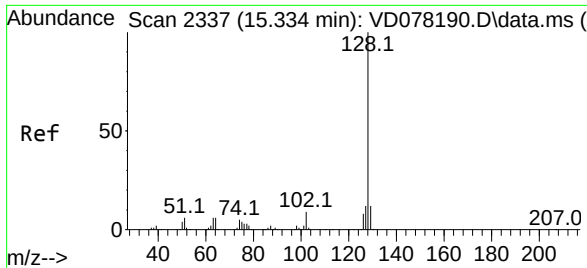
Tgt Ion:117 Resp: 276208
Ion Ratio Lower Upper
117 100
82 57.1 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078246.D
Acq: 25 Jan 2024 15:02

Tgt Ion:152 Resp: 119080
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 156.5 0.0 353.6





#95

Naphthalene

Concen: 63.598 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078246.D

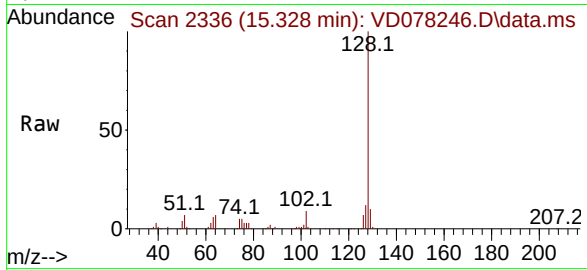
Acq: 25 Jan 2024 15:02

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223



Tgt Ion:128 Resp: 262693

Ion Ratio Lower Upper

128 100

127 11.7 10.5 15.7

129 10.2 8.7 13.1

