

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078375.D
 Acq On : 08 Feb 2024 17:57
 Operator : RP/MD
 Sample : P1413-02
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Feb 09 03:13:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	9470	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.781	114	18785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	8056	68.718	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.440%
35) Dibromofluoromethane	7.793	113	7598	56.814	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.620%
50) Toluene-d8	10.269	98	23332	46.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.569	95	8779	57.897	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.800%

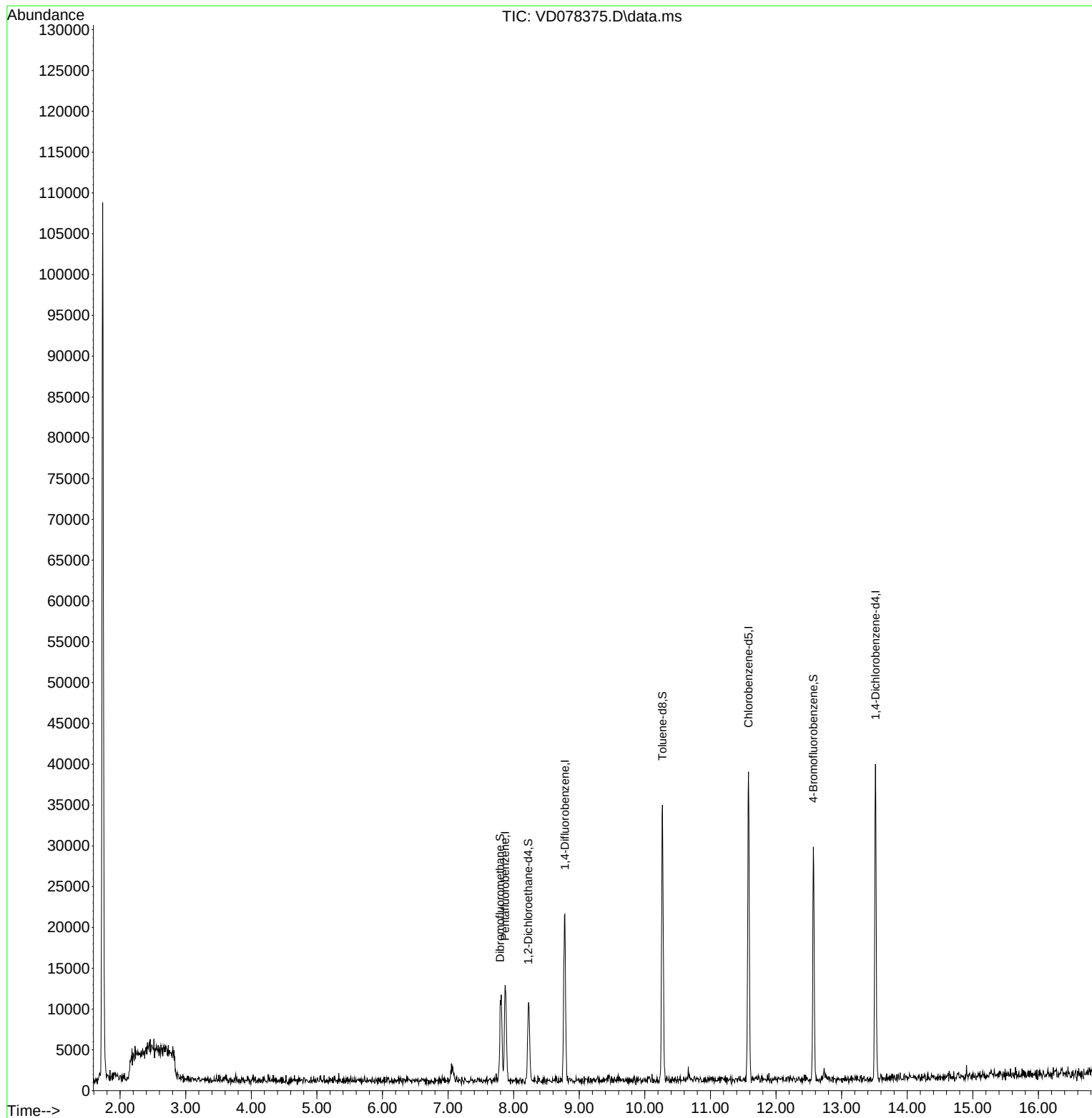
Target Compounds	Qvalue

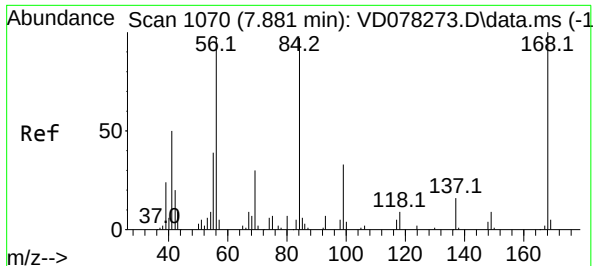
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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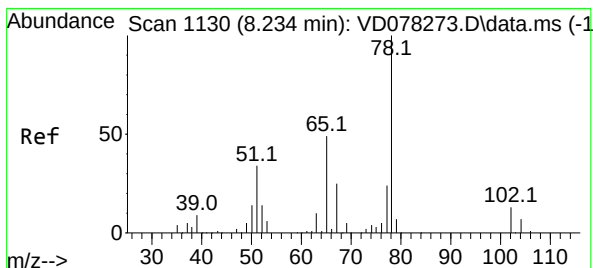
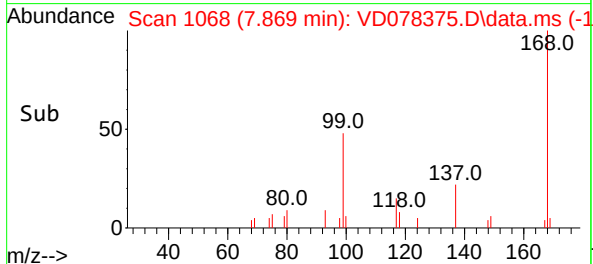
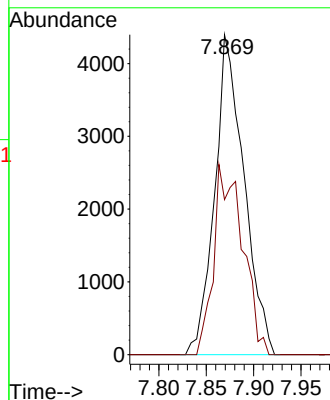
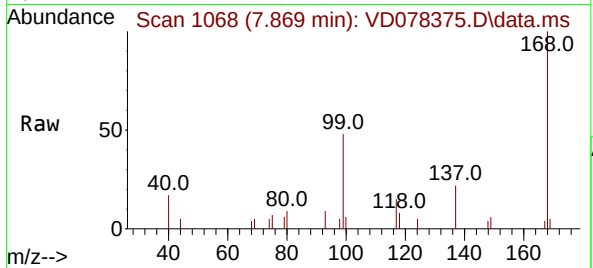




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1108
Delta R.T. -0.012 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

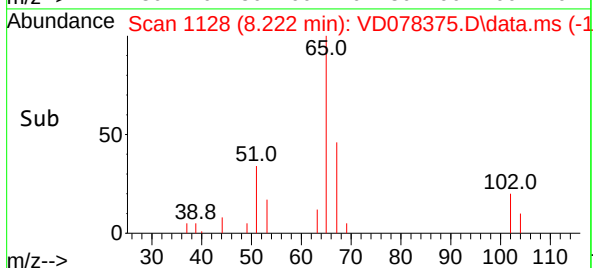
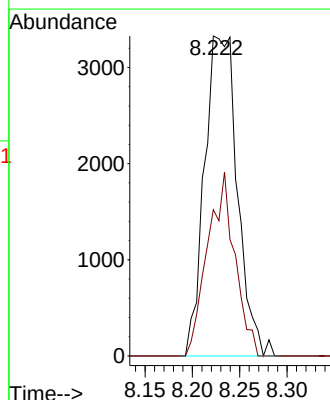
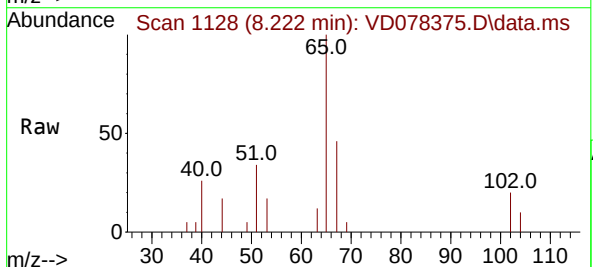
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

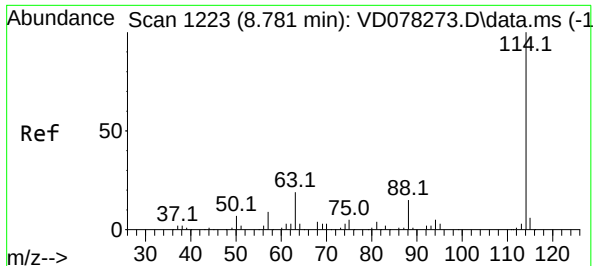
Tgt Ion:168 Resp: 9470
Ion Ratio Lower Upper
168 100
99 48.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 68.718 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

Tgt Ion: 65 Resp: 8056
Ion Ratio Lower Upper
65 100
67 47.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078375.D

Acq: 08 Feb 2024 17:57

Instrument :

MSVOA_D

ClientSampleId :

VNJ-209

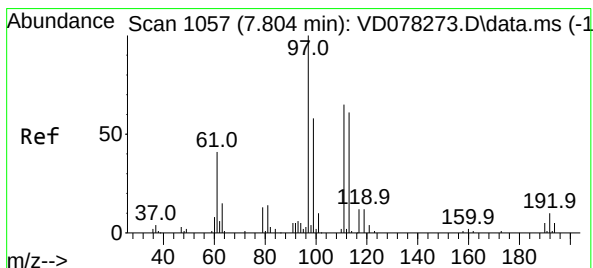
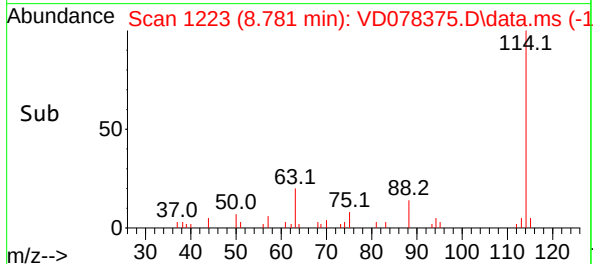
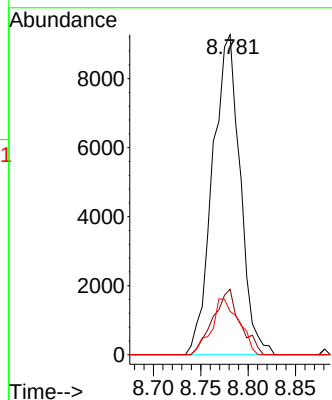
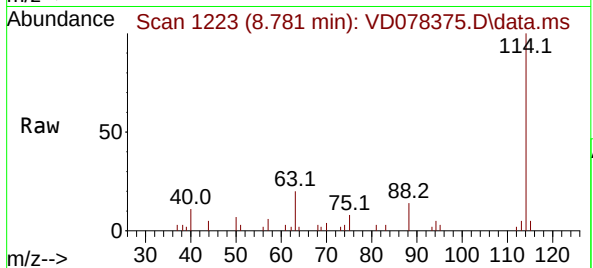
Tgt Ion:114 Resp: 18785

Ion Ratio Lower Upper

114 100

63 20.5 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.814 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD078375.D

Acq: 08 Feb 2024 17:57

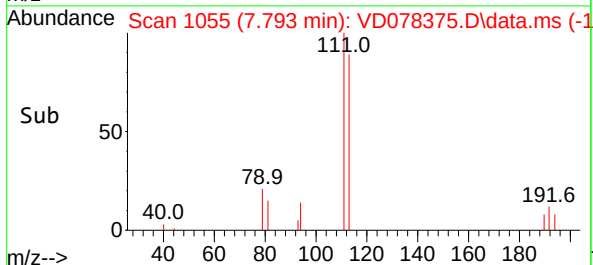
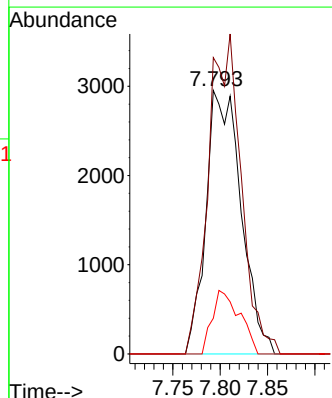
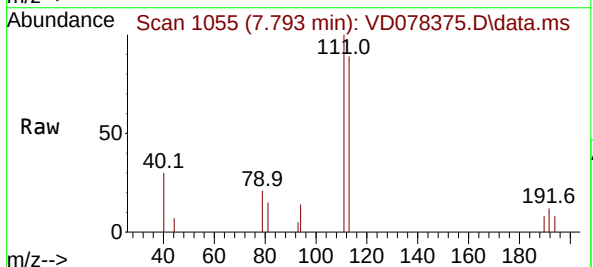
Tgt Ion:113 Resp: 7598

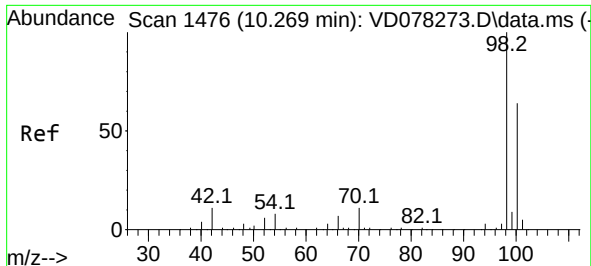
Ion Ratio Lower Upper

113 100

111 113.2 84.7 127.1

192 18.8 16.8 25.2

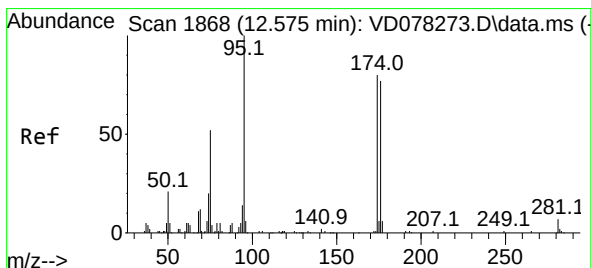
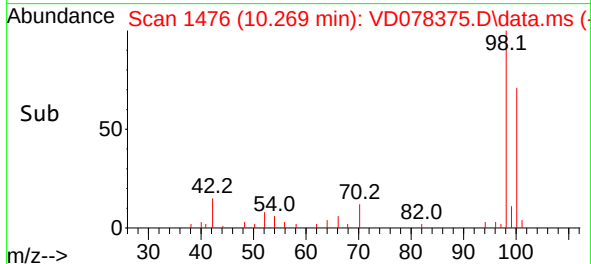
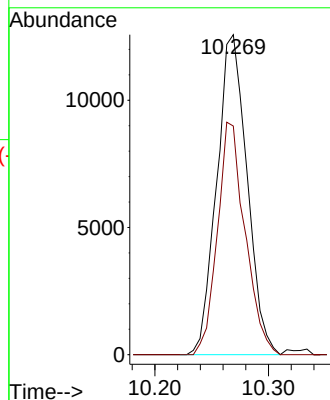
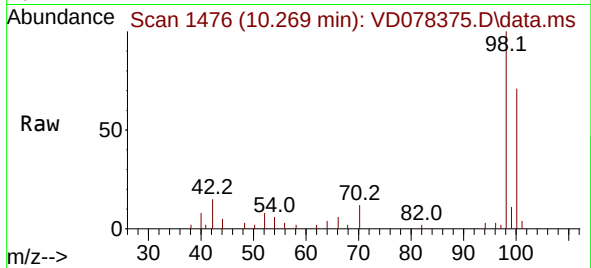




#50
Toluene-d8
Concen: 46.081 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

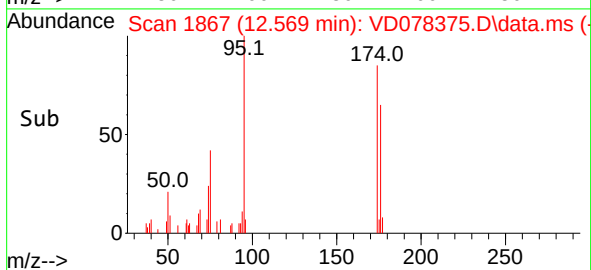
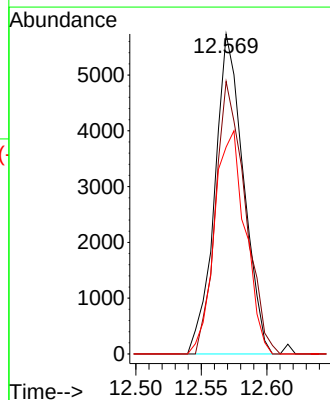
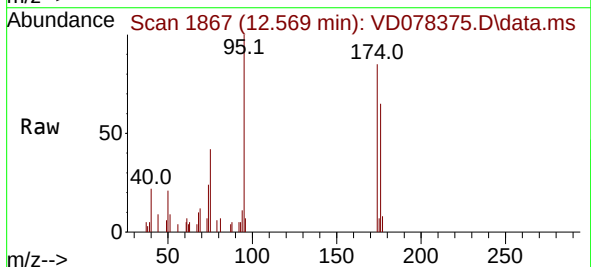
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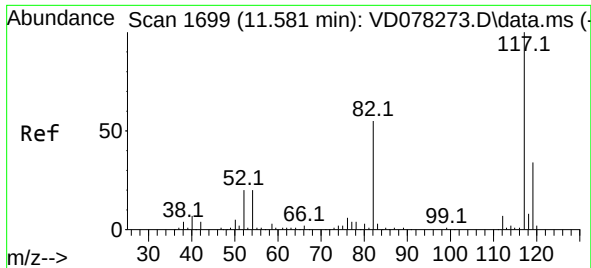
Tgt Ion: 98 Resp: 23332
Ion Ratio Lower Upper
98 100
100 66.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.897 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

Tgt Ion: 95 Resp: 8779
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 74.6 0.0 191.8

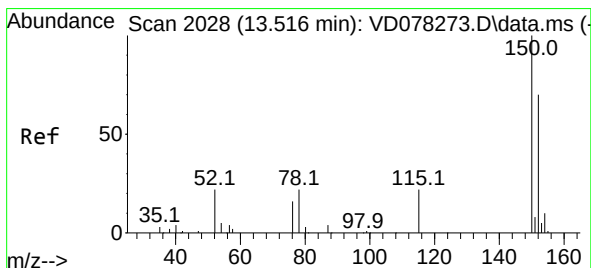
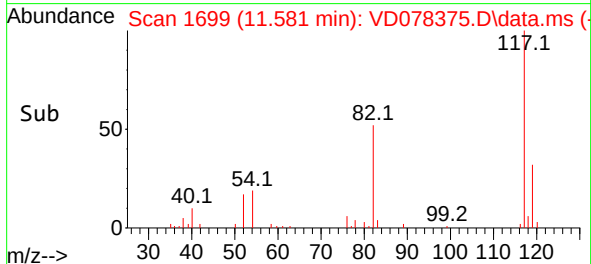
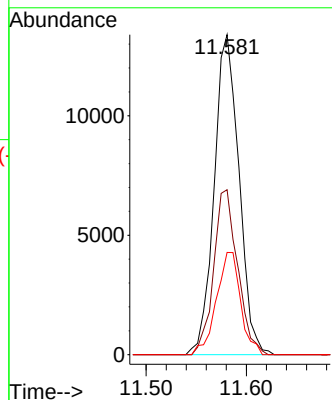
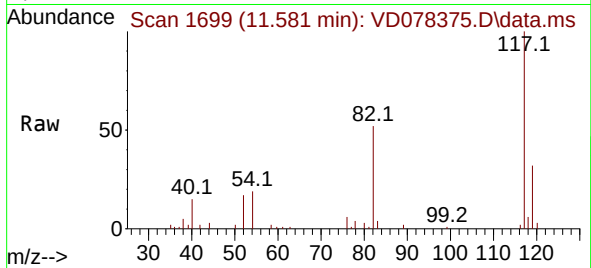




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:117	Resp:	23008
Ion	Ratio	Lower Upper
117	100	
82	51.5	38.3 57.5
119	31.9	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078375.D
Acq: 08 Feb 2024 17:57

Tgt Ion:152	Resp:	9988
Ion	Ratio	Lower Upper
152	100	
115	60.2	27.1 81.3
150	151.1	0.0 353.6

