

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078436.D
 Acq On : 15 Feb 2024 15:23
 Operator : RP/MD
 Sample : P1483-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-205

Quant Time: Feb 16 02:36:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	30896	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	61719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	81425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16761	50.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.340%
35) Dibromofluoromethane	7.810	113	20262	51.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.275	98	84278	53.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.575	95	41535	91.009	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	182.020%#

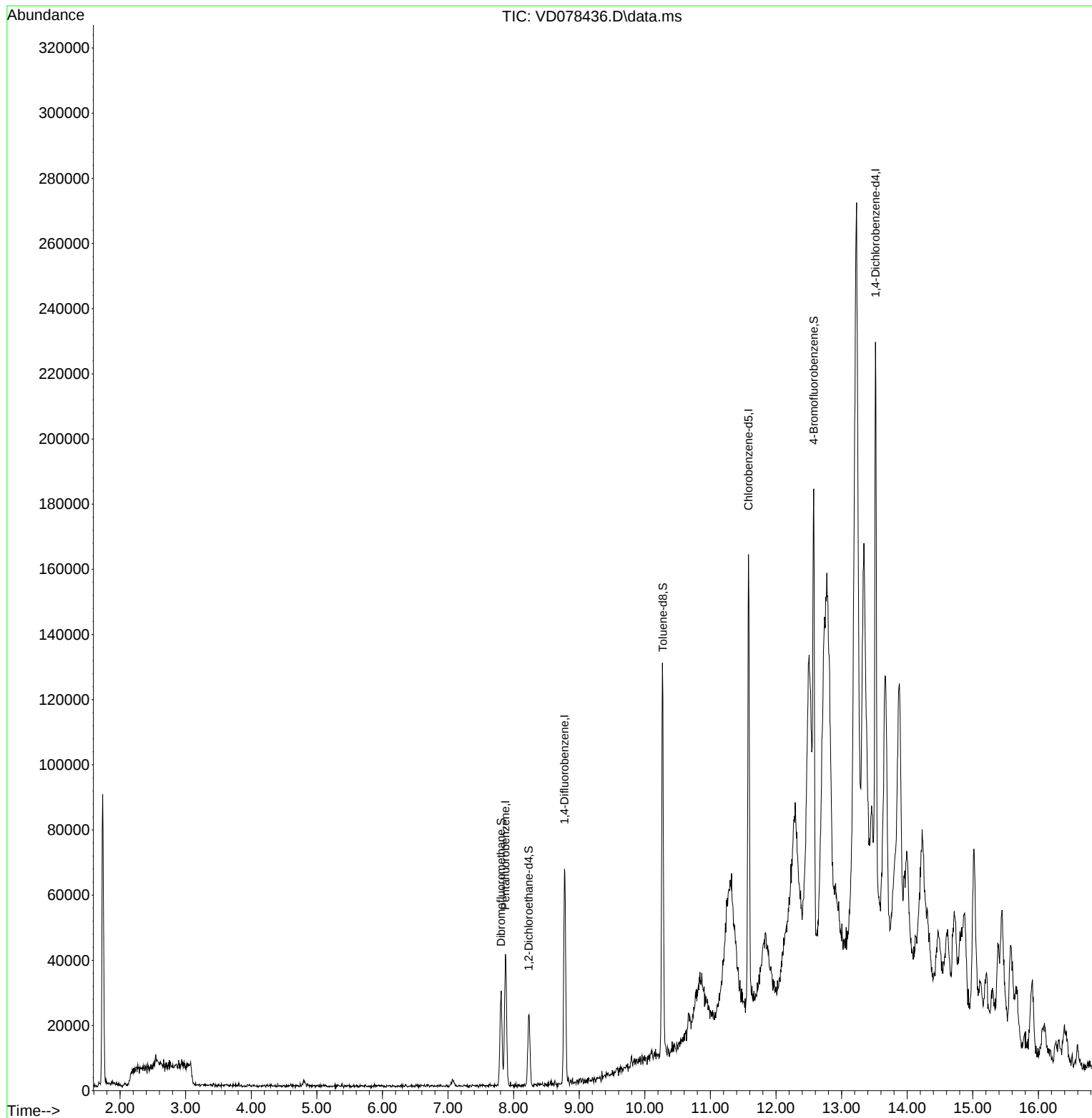
Target Compounds	Qvalue

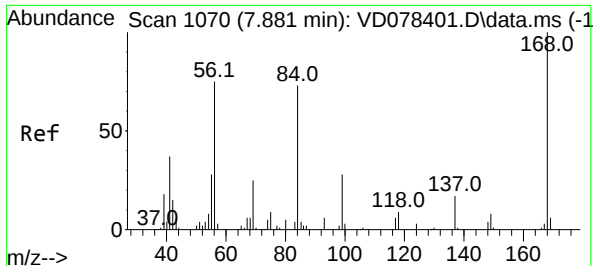
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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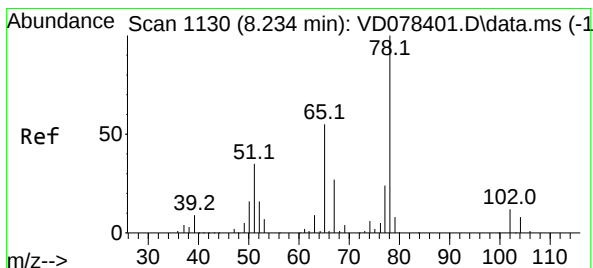
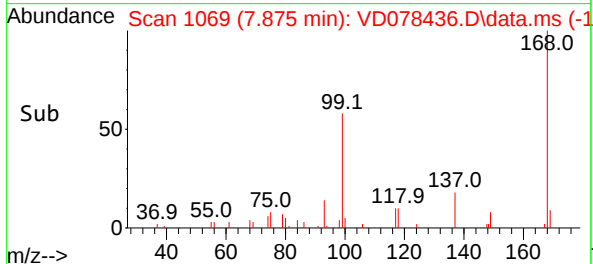
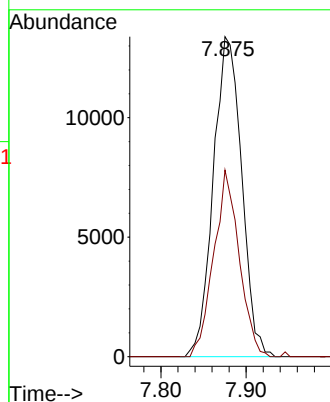
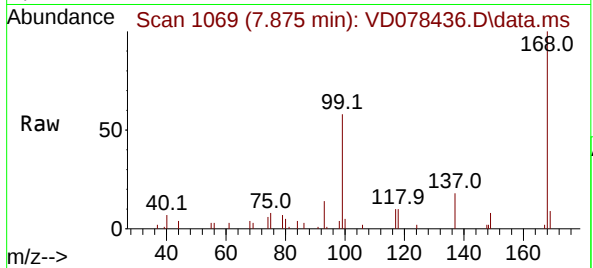




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

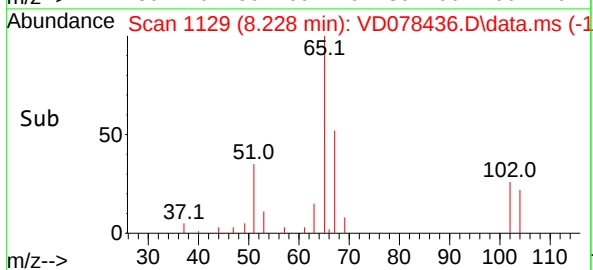
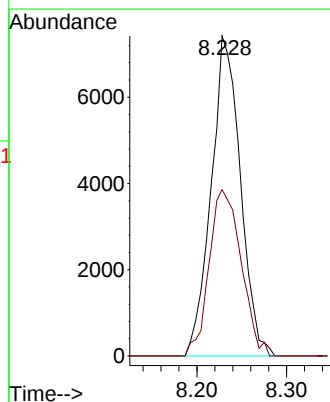
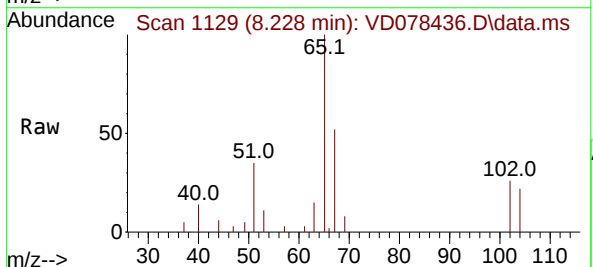
Instrument :
MSVOA_D
ClientSampleId :
VNJ-205

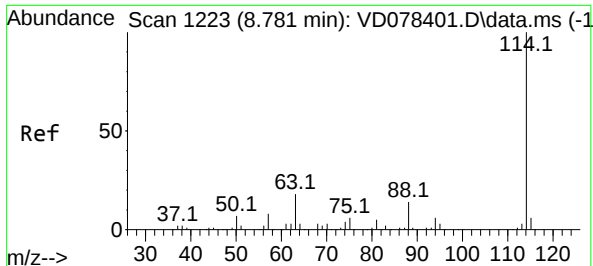
Tgt Ion:168 Resp: 30896
Ion Ratio Lower Upper
168 100
99 58.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 50.173 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

Tgt Ion: 65 Resp: 16761
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0

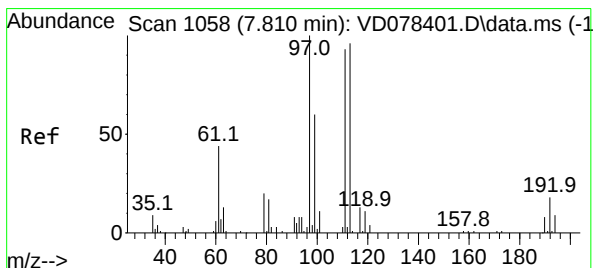
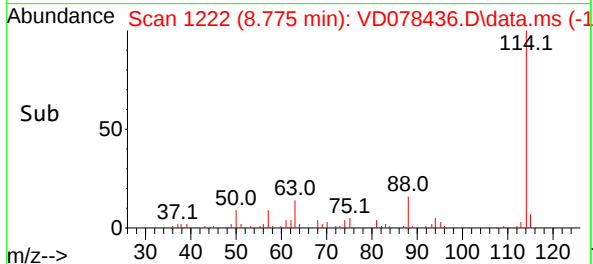
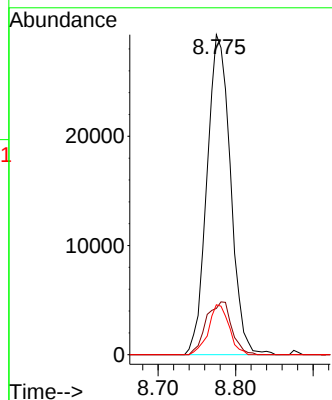
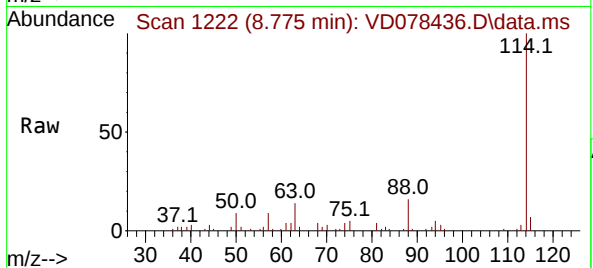




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

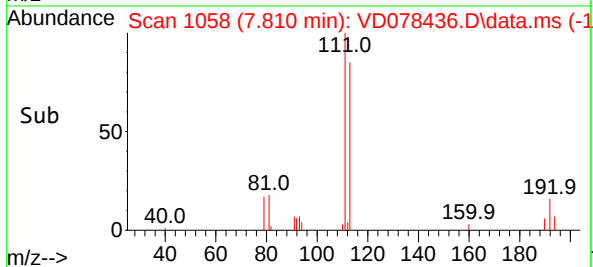
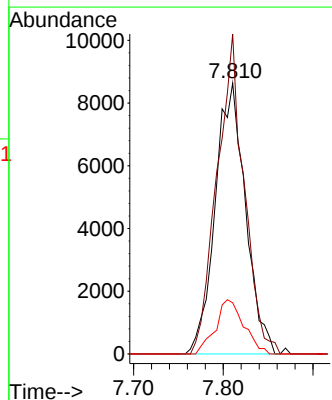
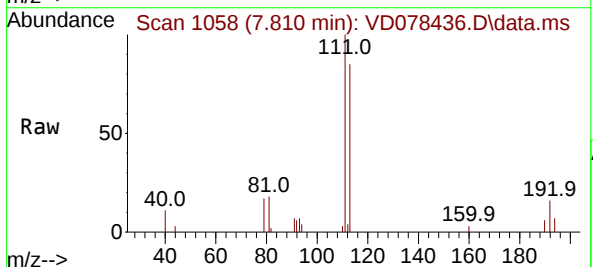
Instrument :
MSVOA_D
ClientSampleId :
VNJ-205

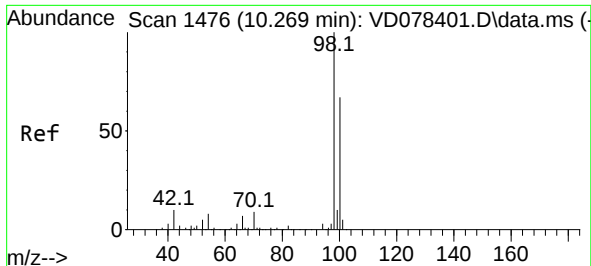
Tgt Ion:114	Resp:	61719
Ion	Ratio	Lower Upper
114	100	
63	14.5	0.0 33.4
88	15.6	0.0 26.2



#35
Dibromofluoromethane
Concen: 51.682 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

Tgt Ion:113	Resp:	20262
Ion	Ratio	Lower Upper
113	100	
111	105.6	84.7 127.1
192	18.8	16.8 25.2

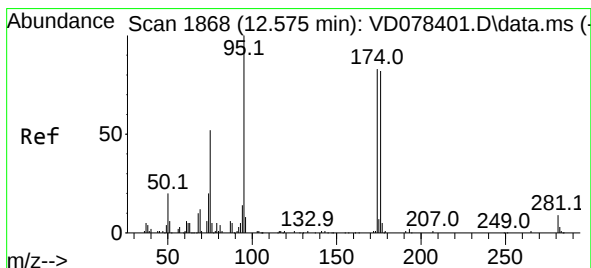
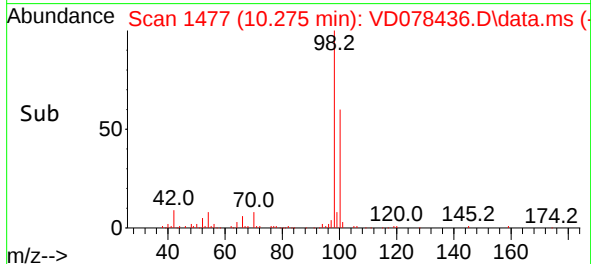
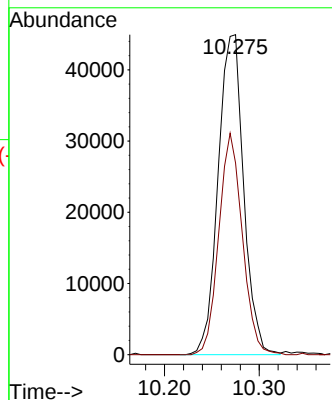
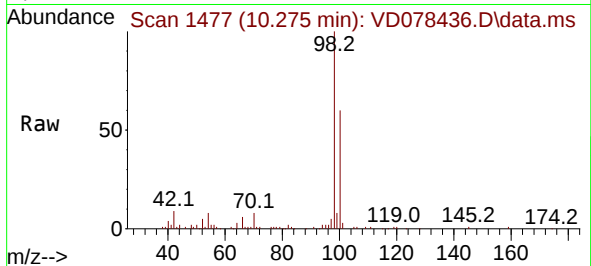




#50
Toluene-d8
Concen: 53.738 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

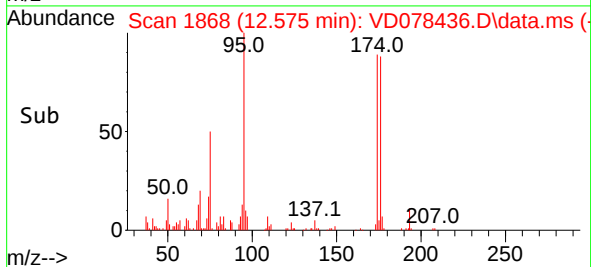
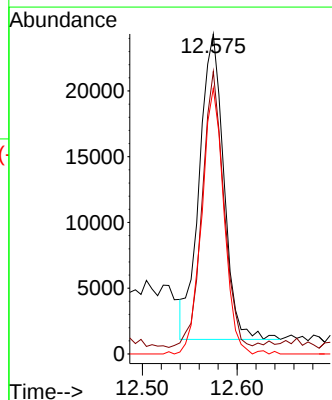
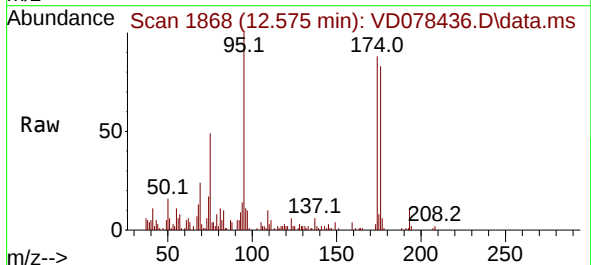
Instrument :
MSVOA_D
ClientSampleId :
VNJ-205

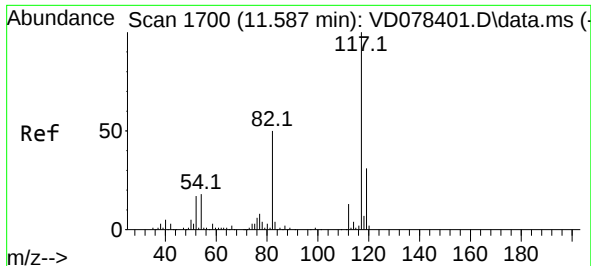
Tgt Ion: 98 Resp: 84278
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 91.009 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

Tgt Ion: 95 Resp: 41535
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 78.9 0.0 191.8

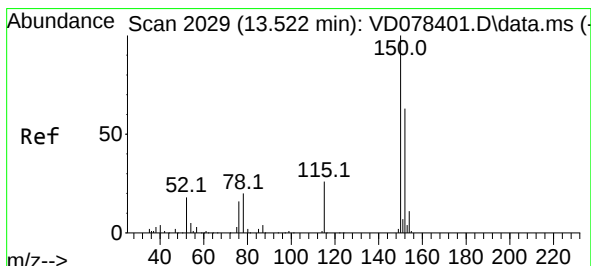
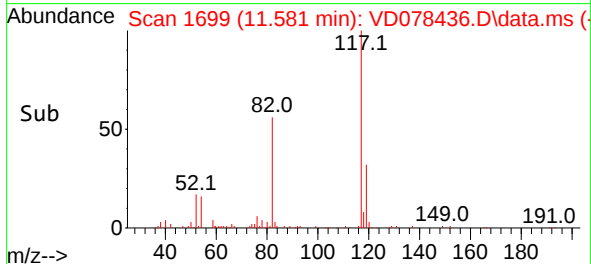
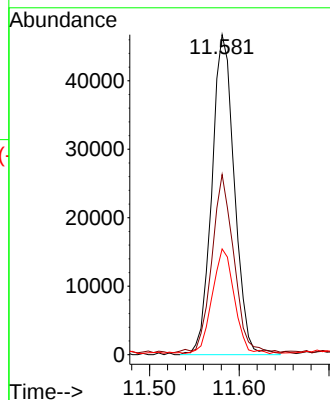
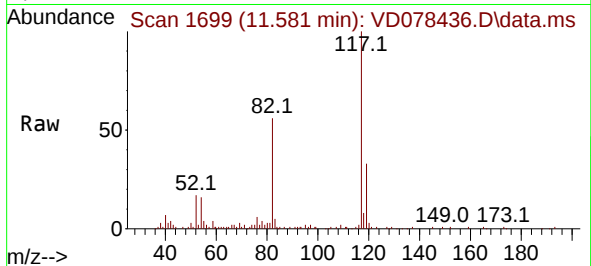




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078436.D
Acq: 15 Feb 2024 15:23

Instrument :
MSVOA_D
ClientSampleId :
VNJ-205

Tgt Ion:117 Resp: 81425
Ion Ratio Lower Upper
117 100
82 55.5 38.3 57.5
119 32.6 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: VD078436.D
Acq: 15 Feb 2024 15:23

Tgt Ion:152 Resp: 44088
Ion Ratio Lower Upper
152 100
115 68.3 27.1 81.3
150 169.2 0.0 353.6

