

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078771.D
 Acq On : 28 Mar 2024 13:45
 Operator : RP/MD
 Sample : P1883-03
 Misc : 4.58G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DOMINICK-STREET

Quant Time: Mar 29 01:34:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	292553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72945	51.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.540%
35) Dibromofluoromethane	7.810	113	89851	47.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.269	98	354029	51.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.575	95	80297	39.621	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.240%

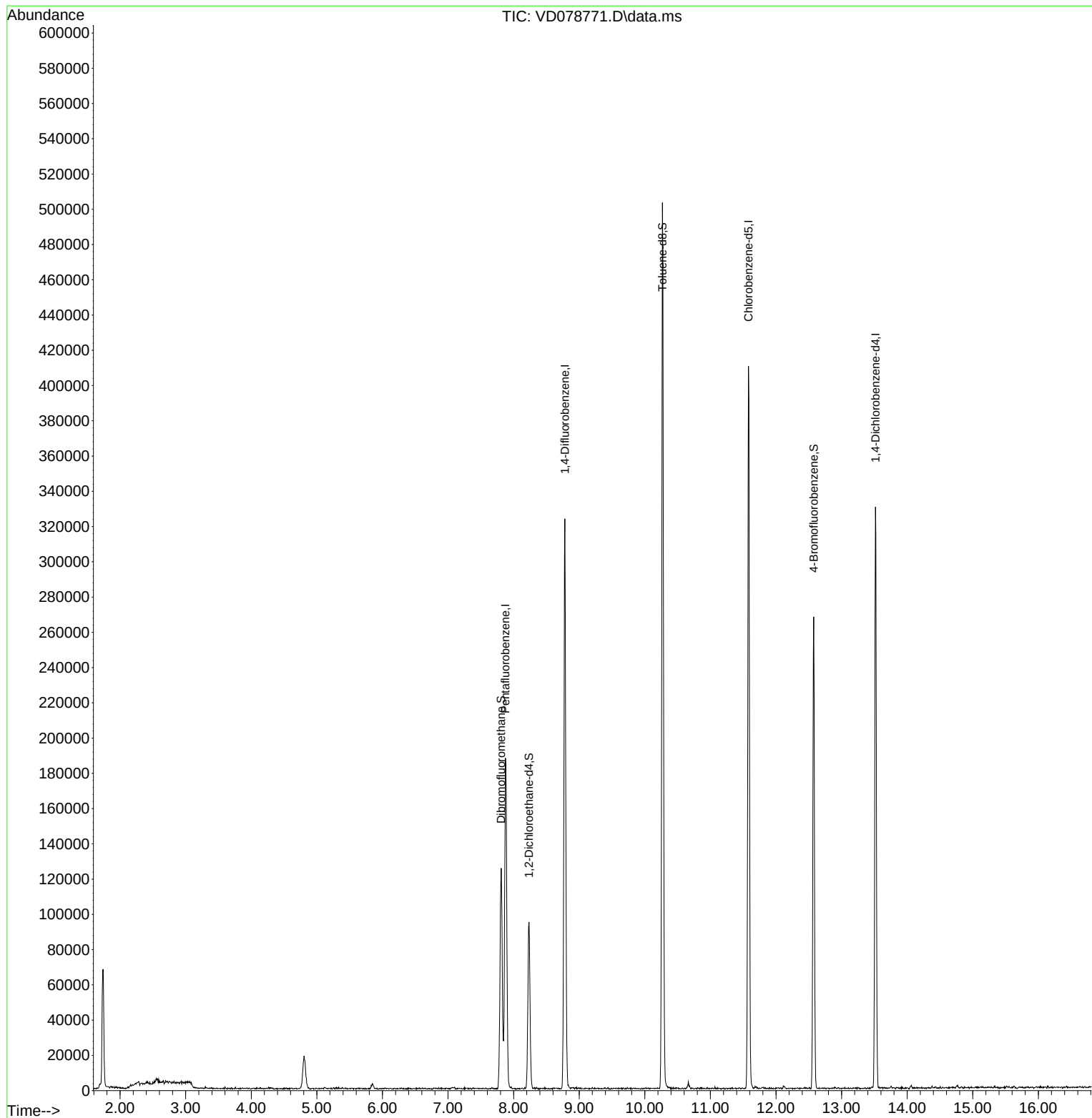
Target Compounds	Qvalue

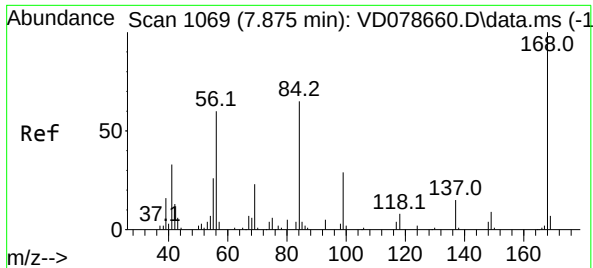
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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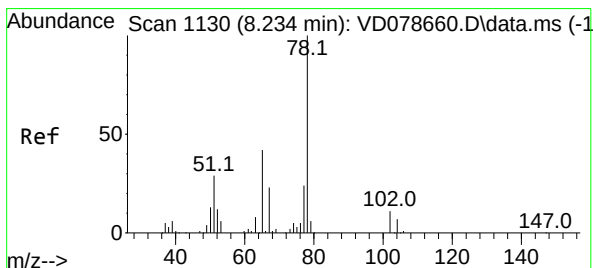
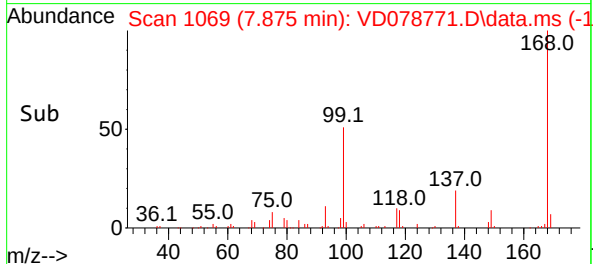
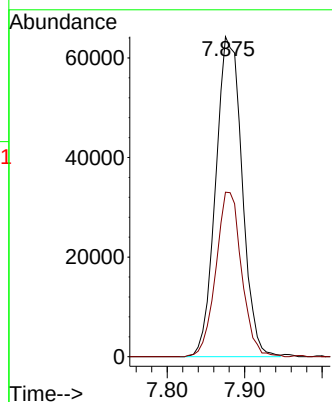
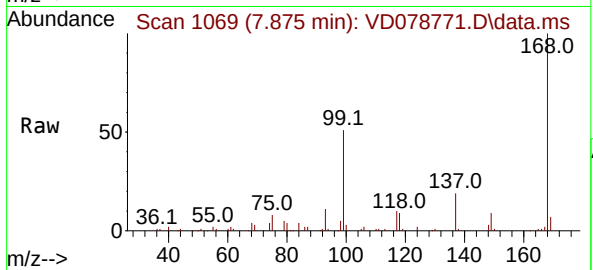




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

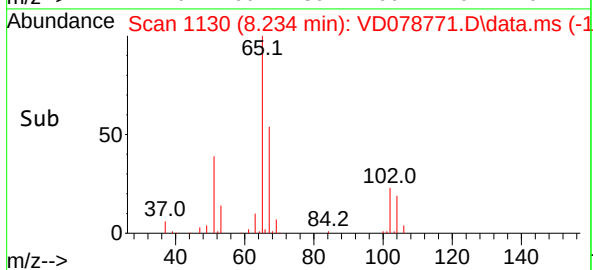
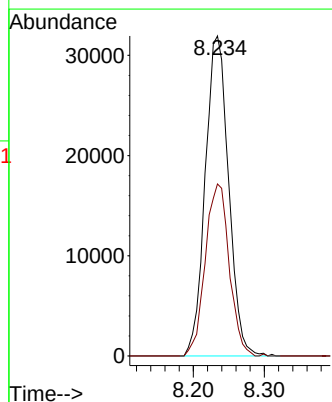
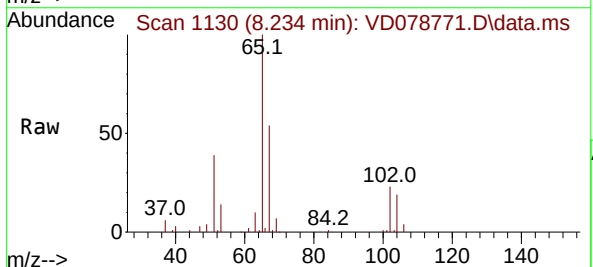
Instrument :
MSVOA_D
ClientSampleId :
DOMINICK-STREET

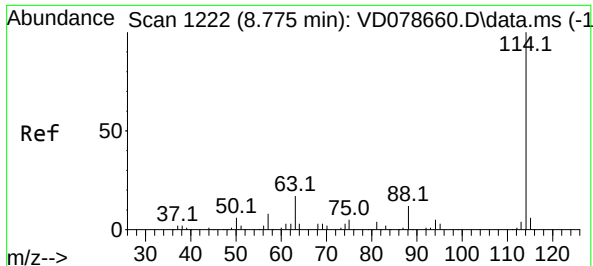
Tgt Ion:168 Resp: 151814
Ion Ratio Lower Upper
168 100
99 51.4 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.271 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

Tgt Ion: 65 Resp: 72945
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078771.D

Acq: 28 Mar 2024 13:45

Instrument :

MSVOA_D

ClientSampleId :

DOMINICK-STREET

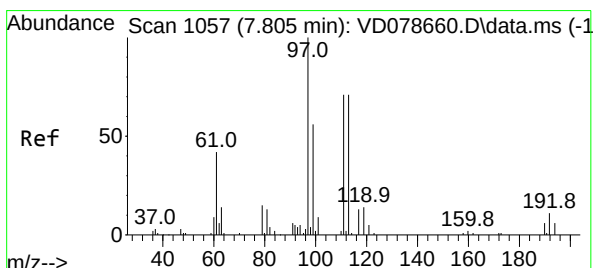
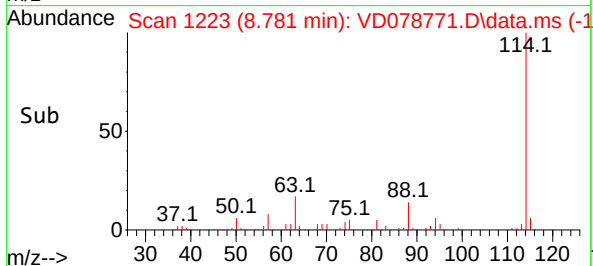
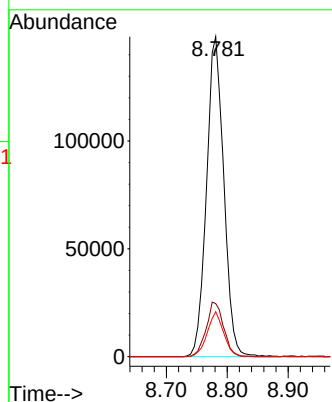
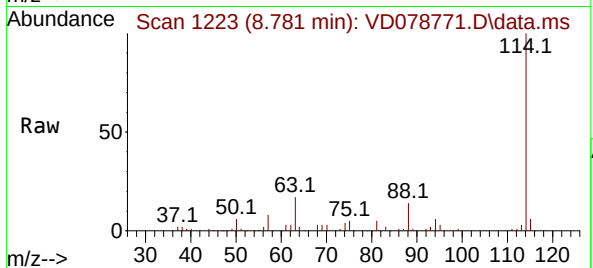
Tgt Ion:114 Resp: 292553

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 14.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.702 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078771.D

Acq: 28 Mar 2024 13:45

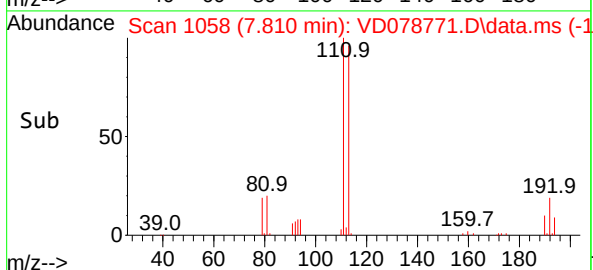
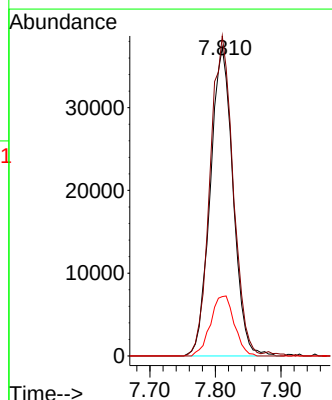
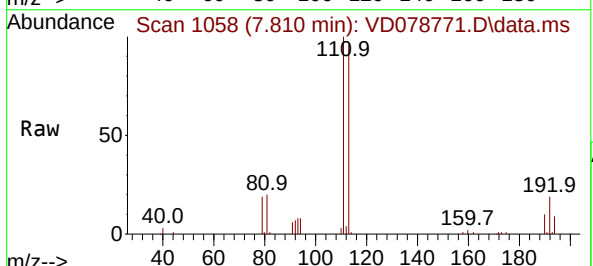
Tgt Ion:113 Resp: 89851

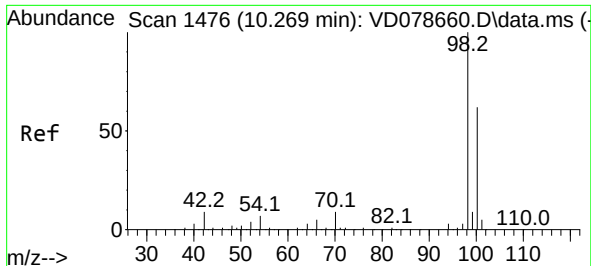
Ion Ratio Lower Upper

113 100

111 105.0 81.9 122.9

192 20.3 15.4 23.0

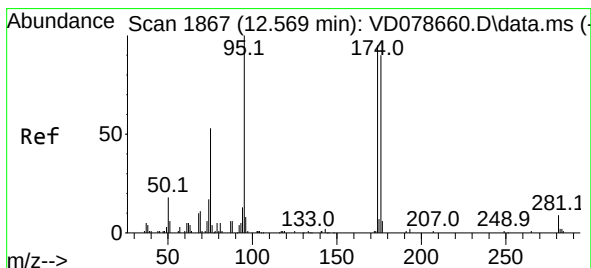
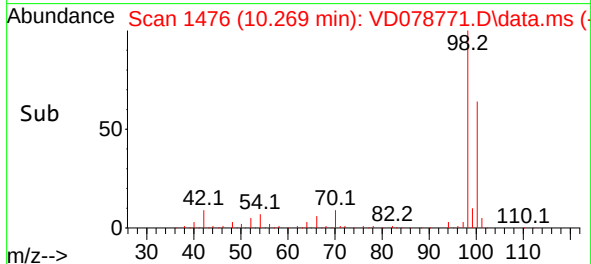
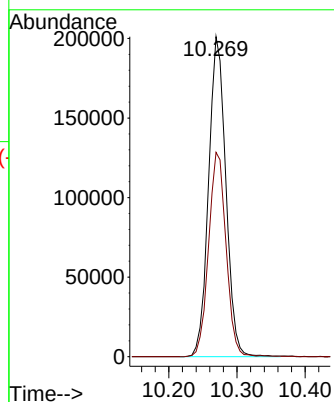
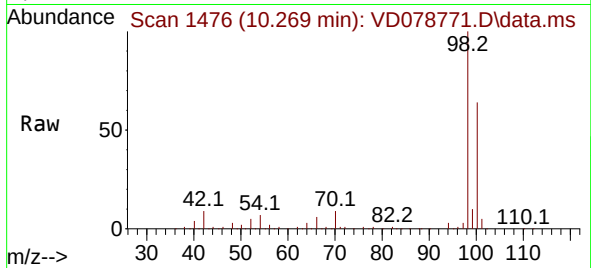




#50
Toluene-d8
Concen: 51.106 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

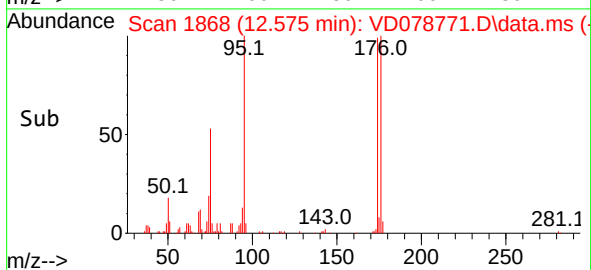
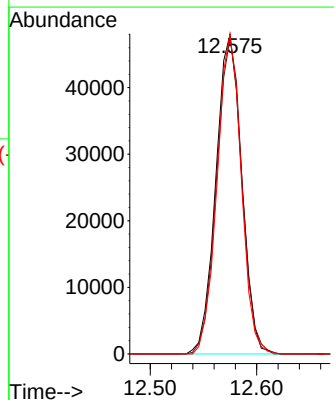
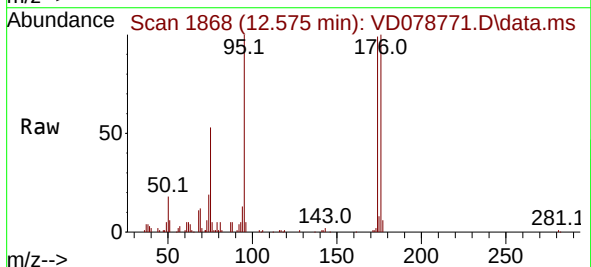
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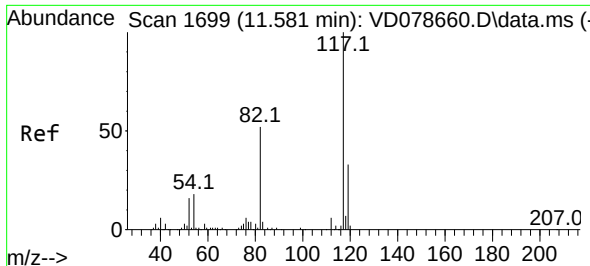
Tgt Ion: 98 Resp: 354029
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.621 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

Tgt Ion: 95 Resp: 80297
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.2
176 93.8 0.0 188.2

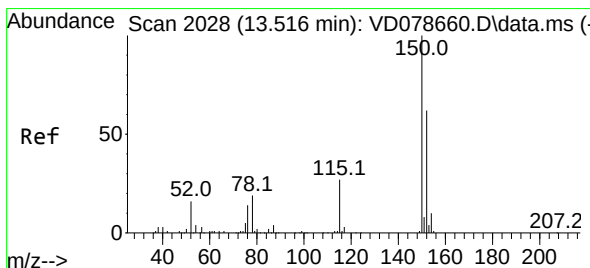
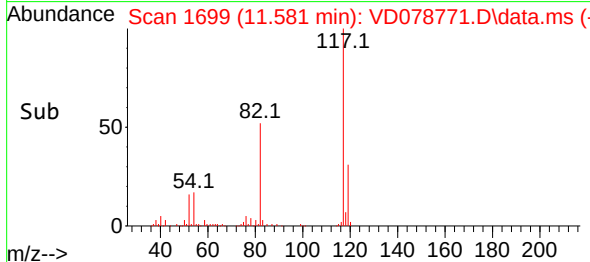
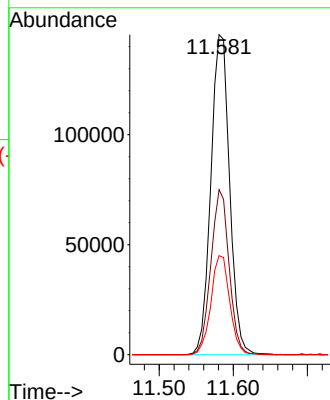
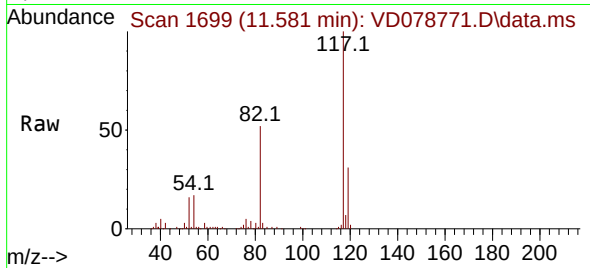




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

Instrument :
MSVOA_D
ClientSampleId :
DOMINICK-STREET

Tgt Ion:117 Resp: 255645
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078771.D
Acq: 28 Mar 2024 13:45

Tgt Ion:152 Resp: 95705
Ion Ratio Lower Upper
152 100
115 52.1 27.1 81.2
150 151.9 0.0 350.2

