

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075343.D
 Acq On : 14 Feb 2023 15:11
 Operator : KP/SY
 Sample : 01432-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

Quant Time: Feb 15 03:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	114803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32949	43.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.804	113	36418	45.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.269	98	143806	47.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.575	95	48130	47.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%

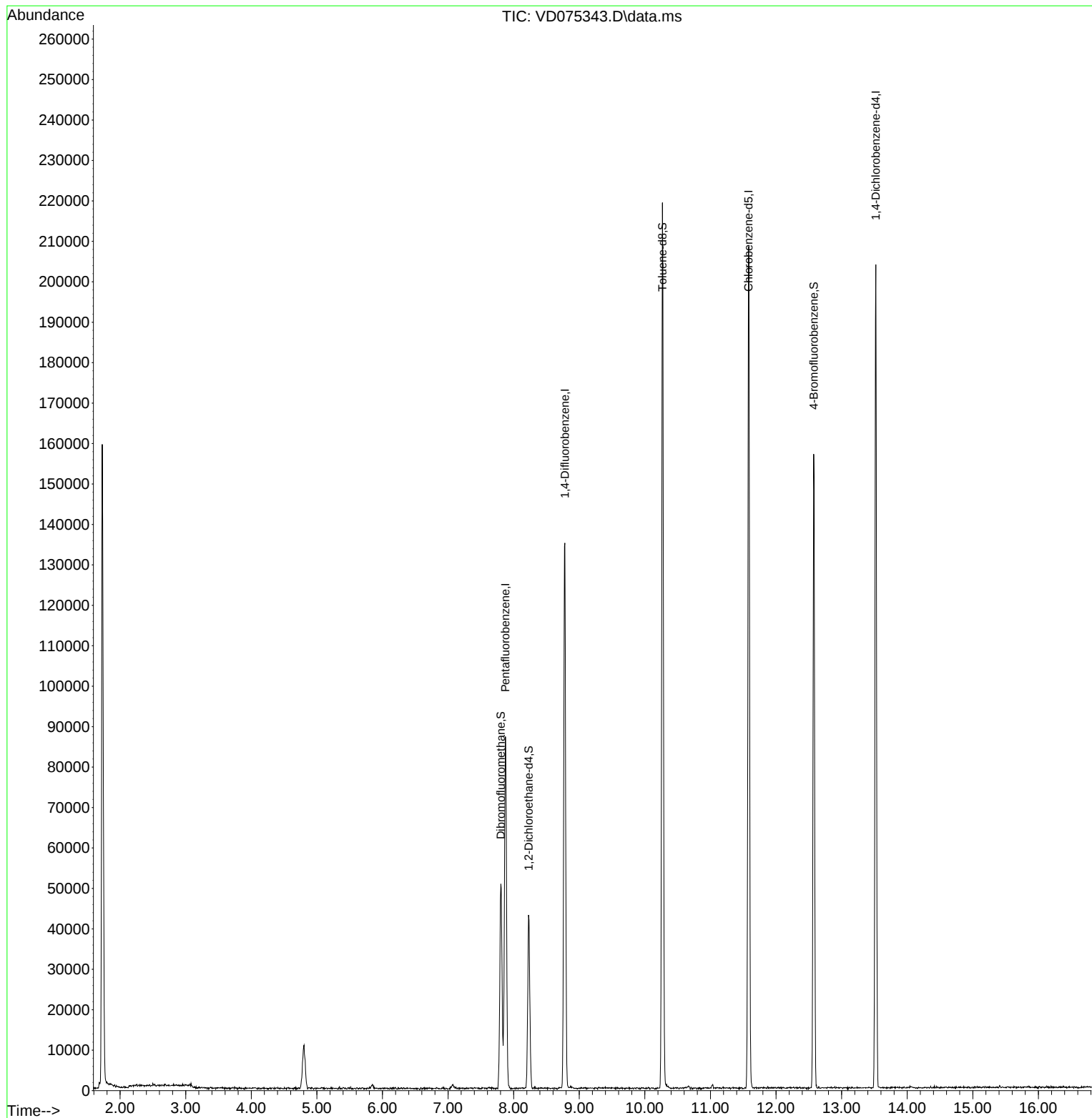
Target Compounds	Qvalue

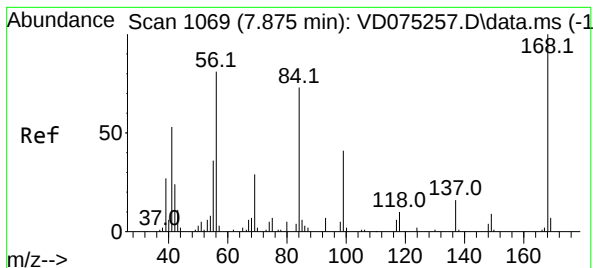
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD075343.D

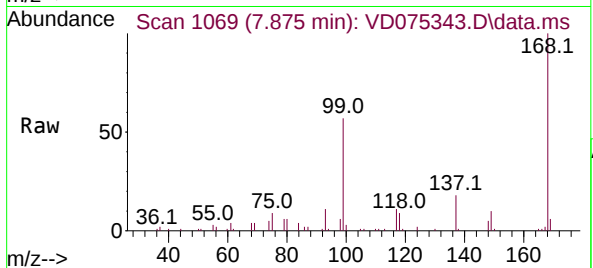
Acq: 14 Feb 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

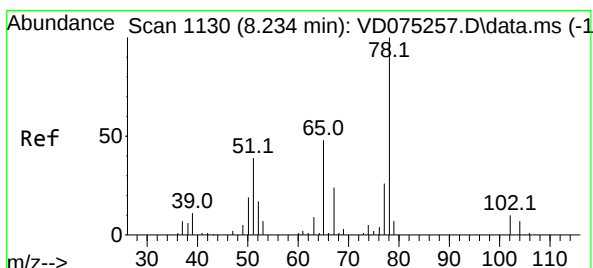
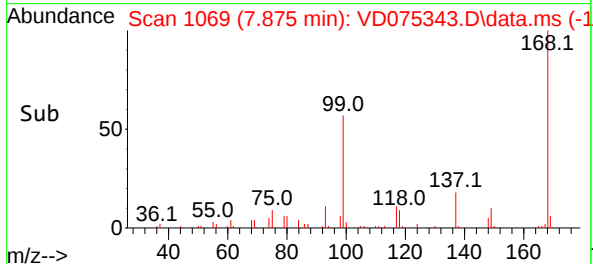
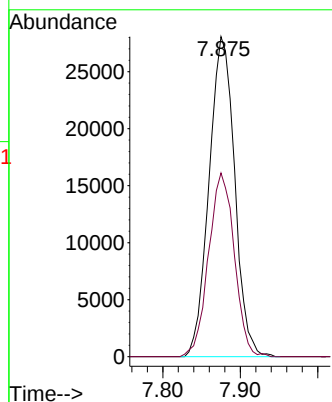


Tgt Ion:168 Resp: 64456

Ion Ratio Lower Upper

168 100

99 57.4 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 43.595 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075343.D

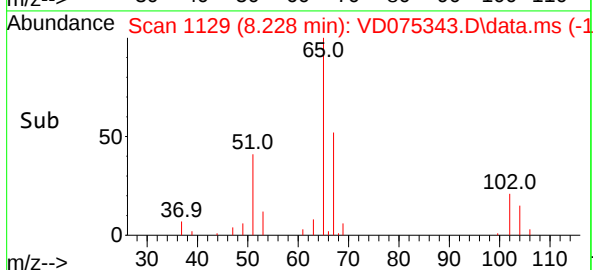
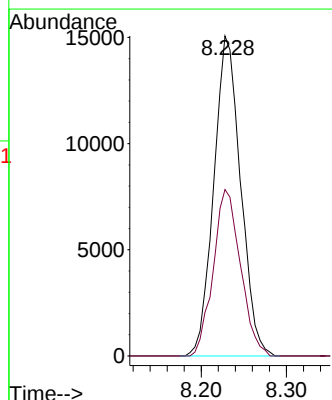
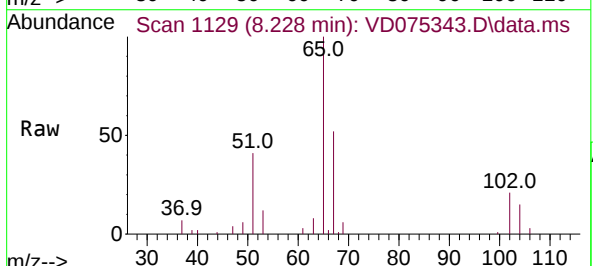
Acq: 14 Feb 2023 15:11

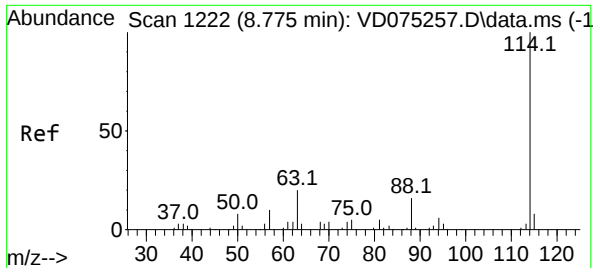
Tgt Ion: 65 Resp: 32949

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD075343.D

Acq: 14 Feb 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

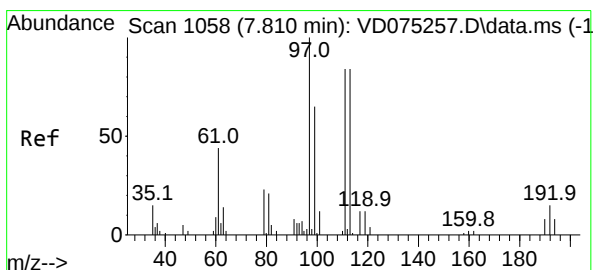
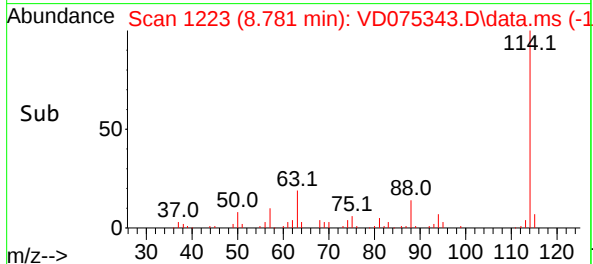
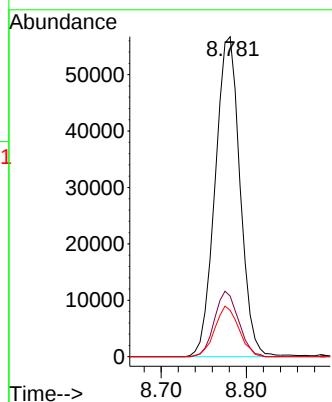
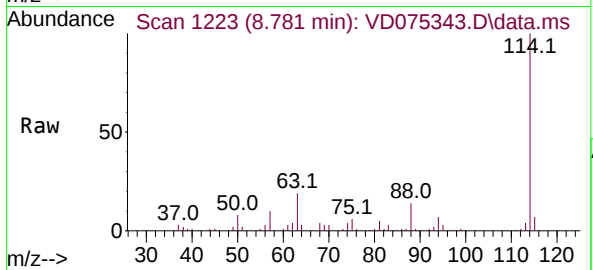
Tgt Ion:114 Resp: 114803

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 14.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.240 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075343.D

Acq: 14 Feb 2023 15:11

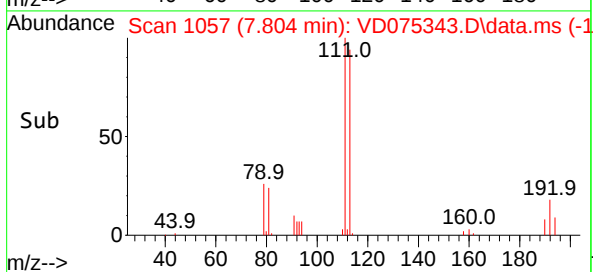
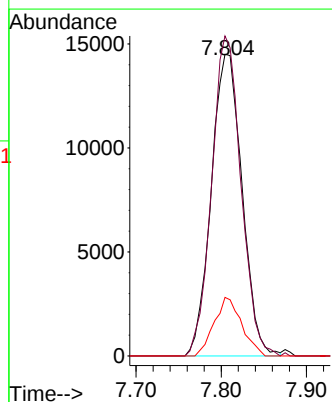
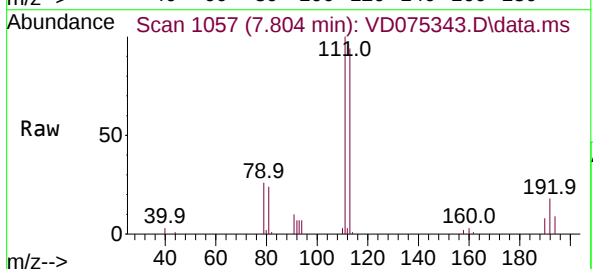
Tgt Ion:113 Resp: 36418

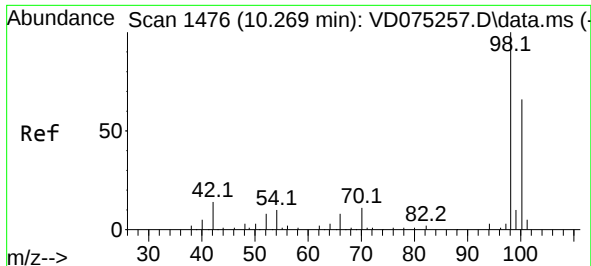
Ion Ratio Lower Upper

113 100

111 100.9 80.1 120.1

192 17.3 15.4 23.0





#50
Toluene-d8
Concen: 47.106 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

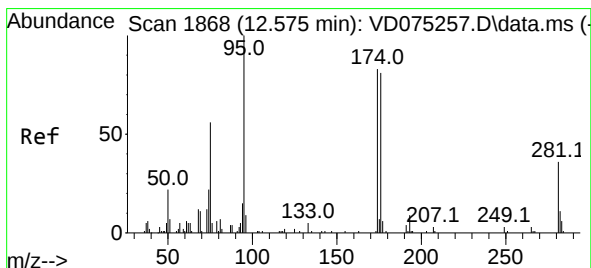
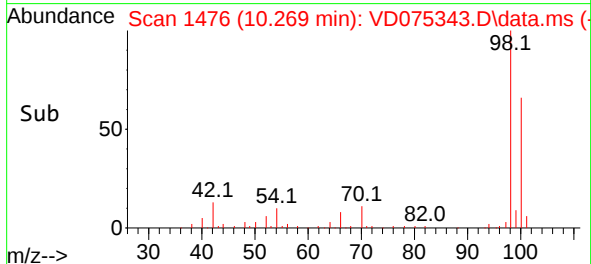
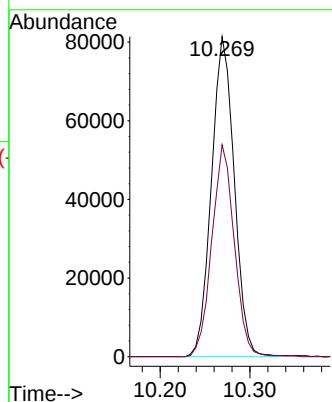
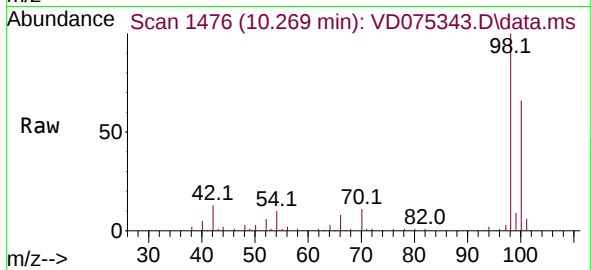
Instrument :

MSVOA_D

ClientSampleId :

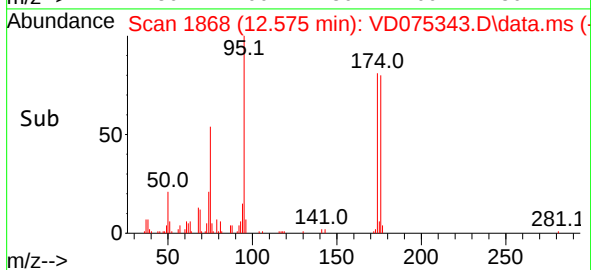
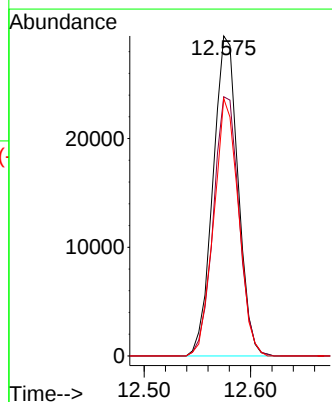
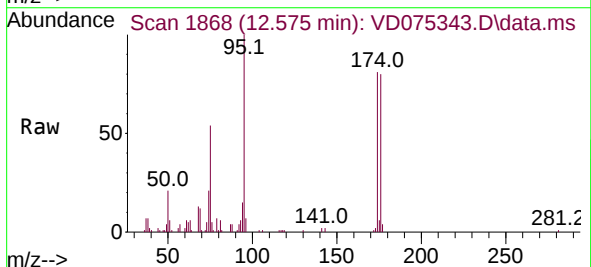
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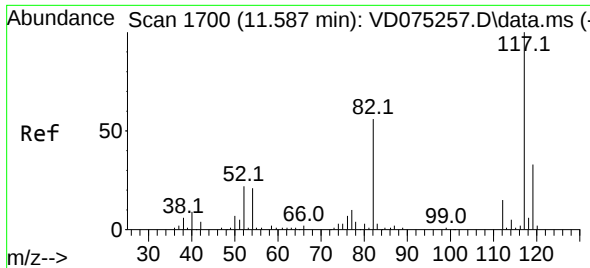
Tgt Ion: 98 Resp: 143806
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.813 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion: 95 Resp: 48130
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.2
176 79.3 0.0 160.2

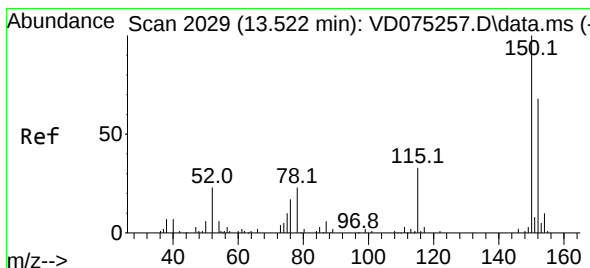
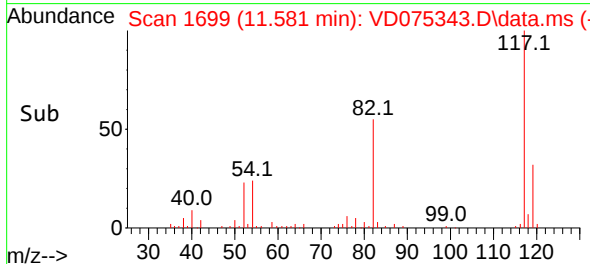
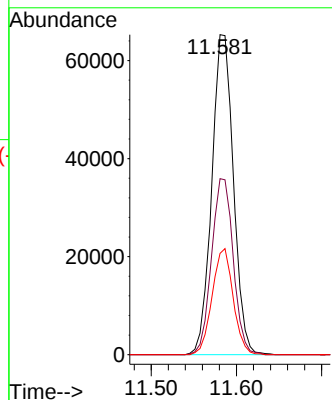
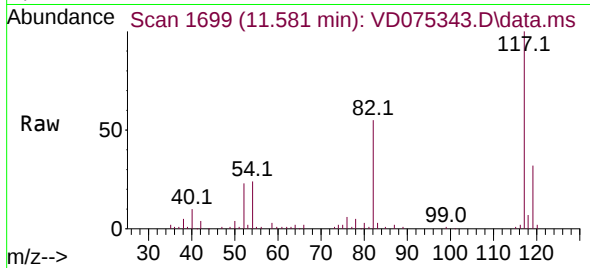




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 115087
Delta R.T. -0.006 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Instrument :
MSVOA_D
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Tgt Ion:117 Resp: 115087
Ion Ratio Lower Upper
117 100
82 55.0 39.6 59.4
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion:152 Resp: 51210
Ion Ratio Lower Upper
152 100
115 60.9 28.8 86.4
150 157.7 0.0 348.6

