

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074674.D
 Acq On : 28 Oct 2022 16:25
 Operator : VA/SY
 Sample : N5313-20
 Misc : 9.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-2-SE-QUARTER

Quant Time: Oct 29 02:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71495	57.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.804	113	89418	59.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.760%
50) Toluene-d8	10.269	98	333694	57.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.240%
62) 4-Bromofluorobenzene	12.575	95	72006	45.272	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.540%

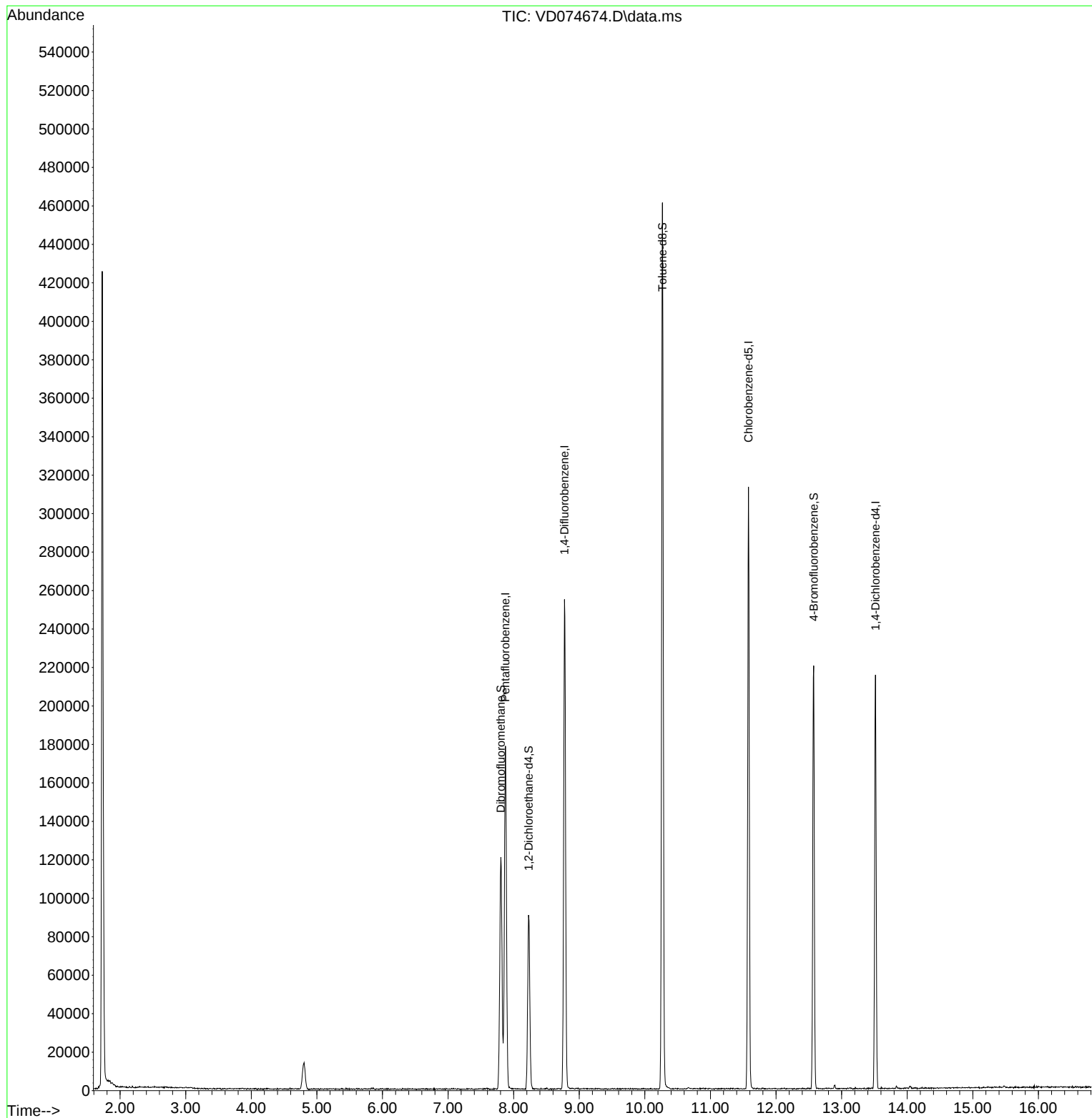
Target Compounds	Qvalue

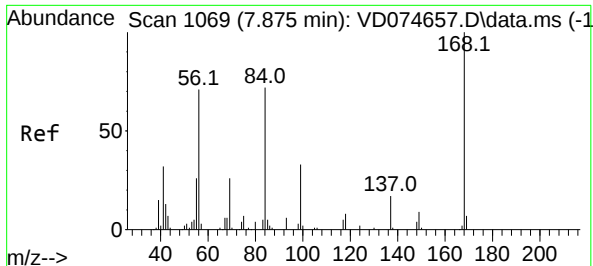
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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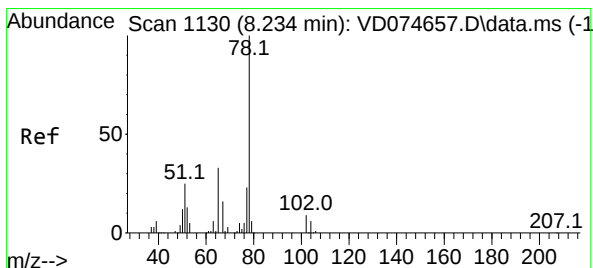
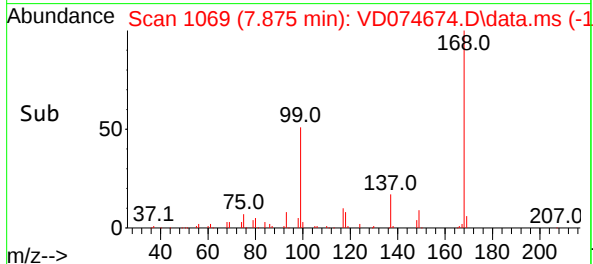
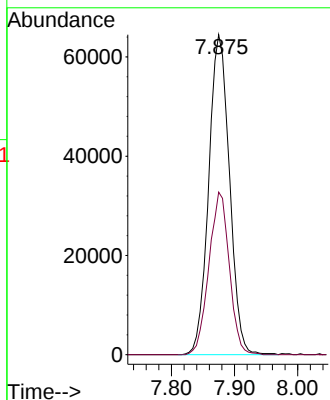
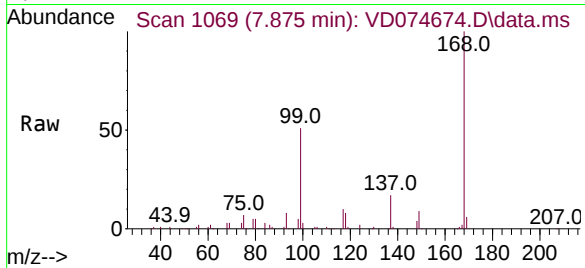




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

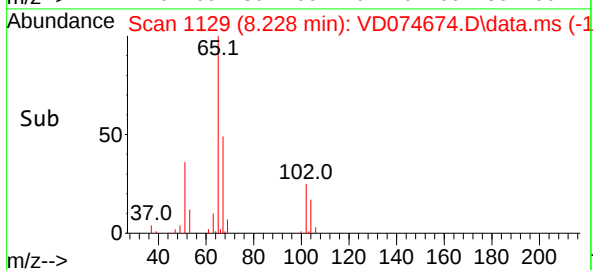
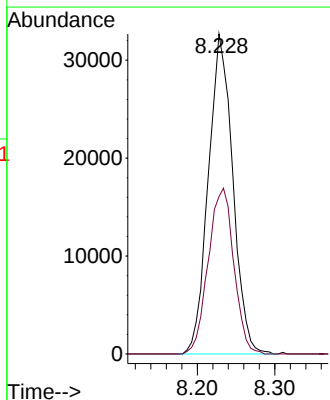
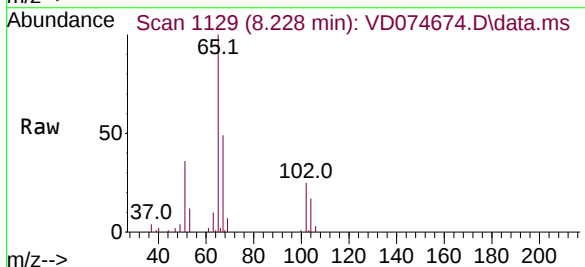
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-2-SE-QUARTER

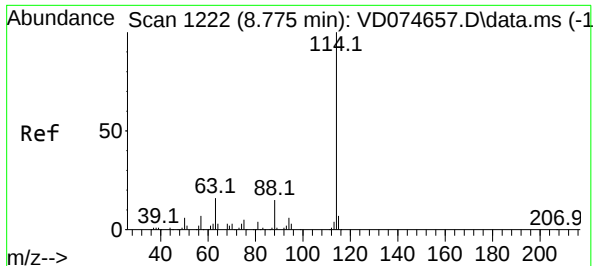
Tgt Ion:168 Resp: 147359
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 57.484 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 65 Resp: 71495
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074674.D

Acq: 28 Oct 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-2-SE-QUARTER

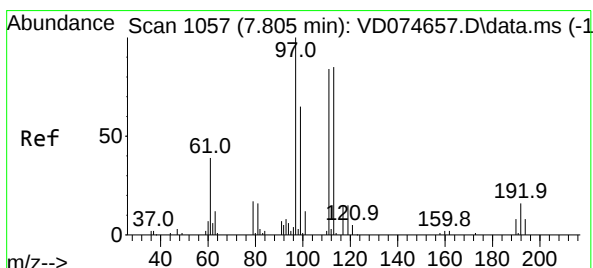
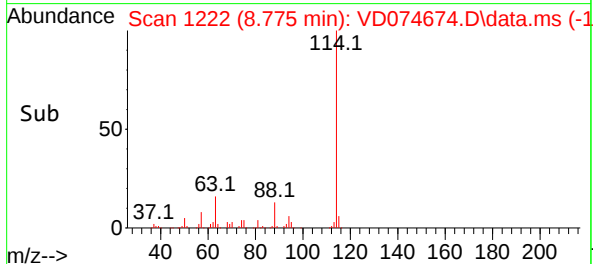
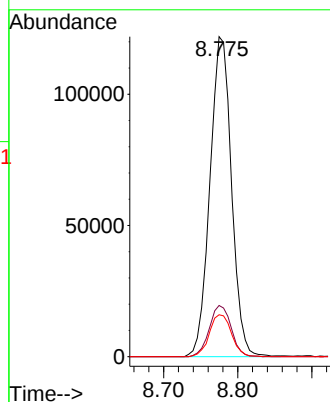
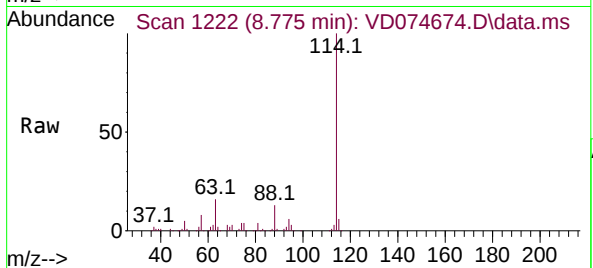
Tgt Ion:114 Resp: 246620

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.378 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074674.D

Acq: 28 Oct 2022 16:25

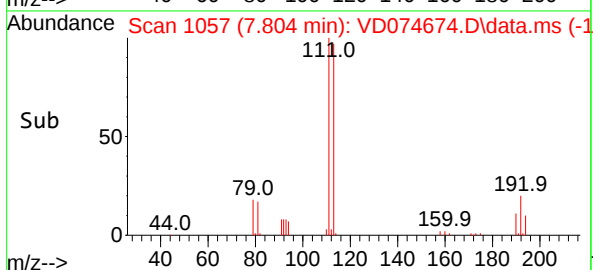
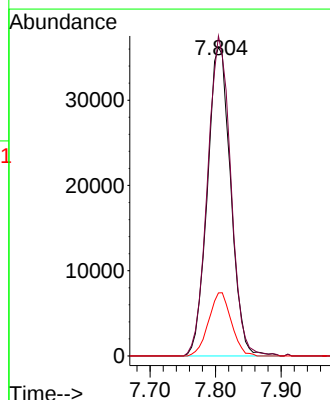
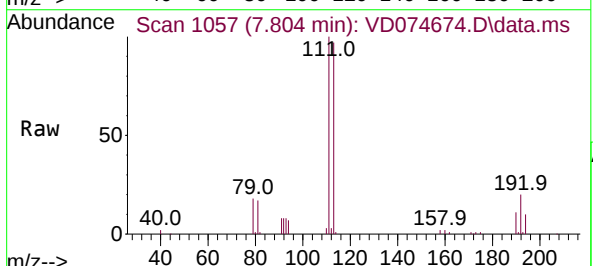
Tgt Ion:113 Resp: 89418

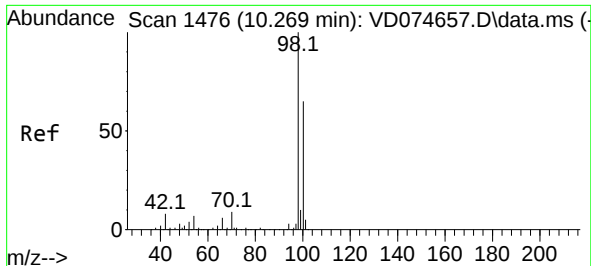
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.0 16.4 24.6

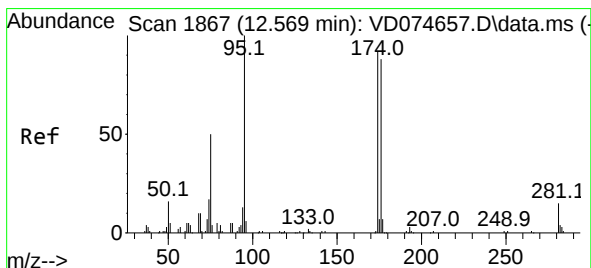
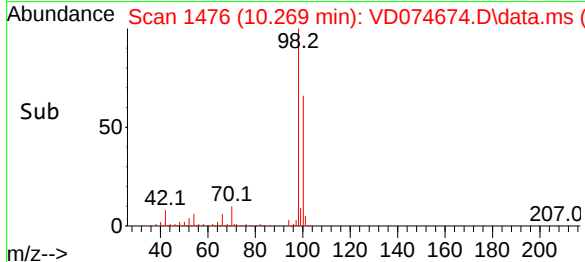
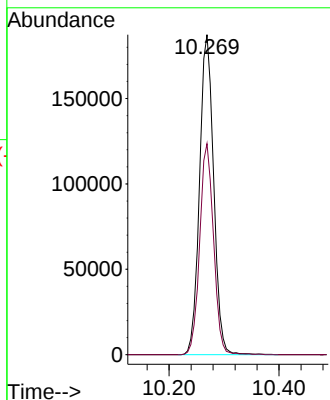
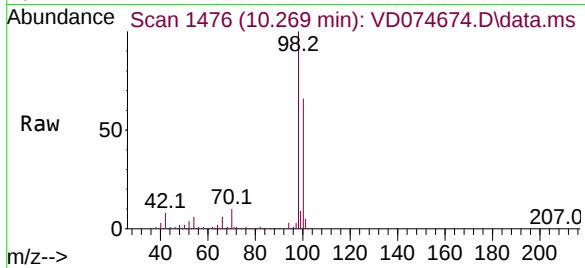




#50
Toluene-d8
Concen: 57.620 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

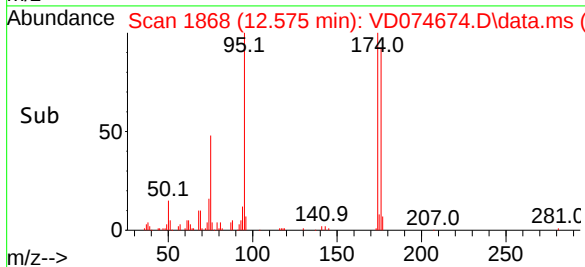
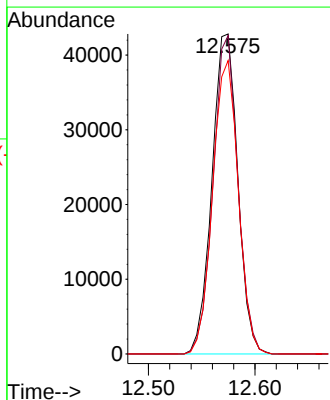
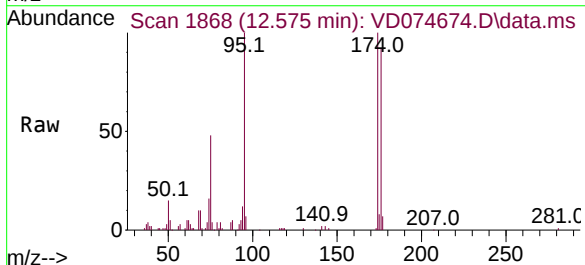
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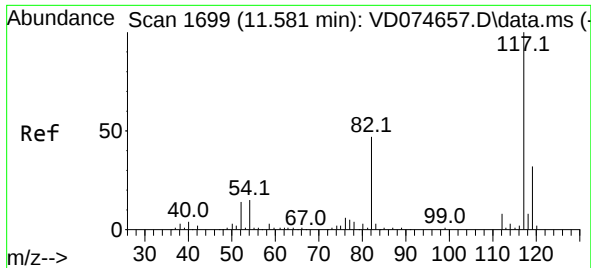
Tgt Ion: 98 Resp: 333694
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.272 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 95 Resp: 72006
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 91.3 0.0 182.6

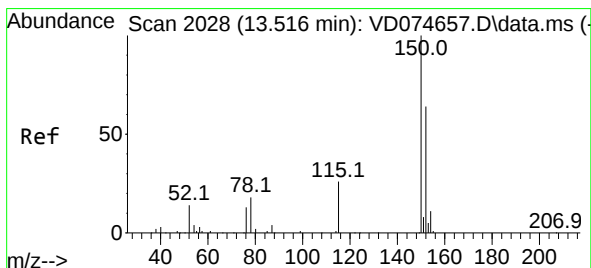
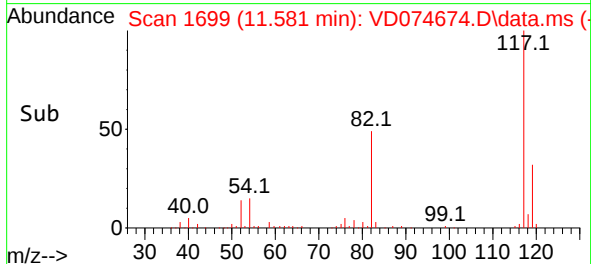
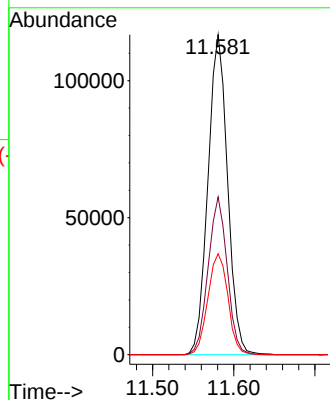
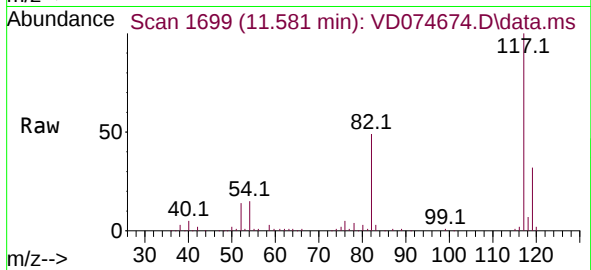




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-2-SE-QUARTER

Tgt Ion:117 Resp: 195797
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion:152 Resp: 63430
Ion Ratio Lower Upper
152 100
115 53.1 26.8 80.4
150 154.7 0.0 348.2

