

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074230.D
 Acq On : 24 Aug 2022 18:33
 Operator : VA/SY
 Sample : N4295-02
 Misc : 10.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-GRAB

Quant Time: Aug 25 05:03:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	183902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	336798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	307633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	108497	57.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.908	113	100885	44.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.560%
50) Toluene-d8	10.332	98	355670	49.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.620	95	110651	38.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.260%

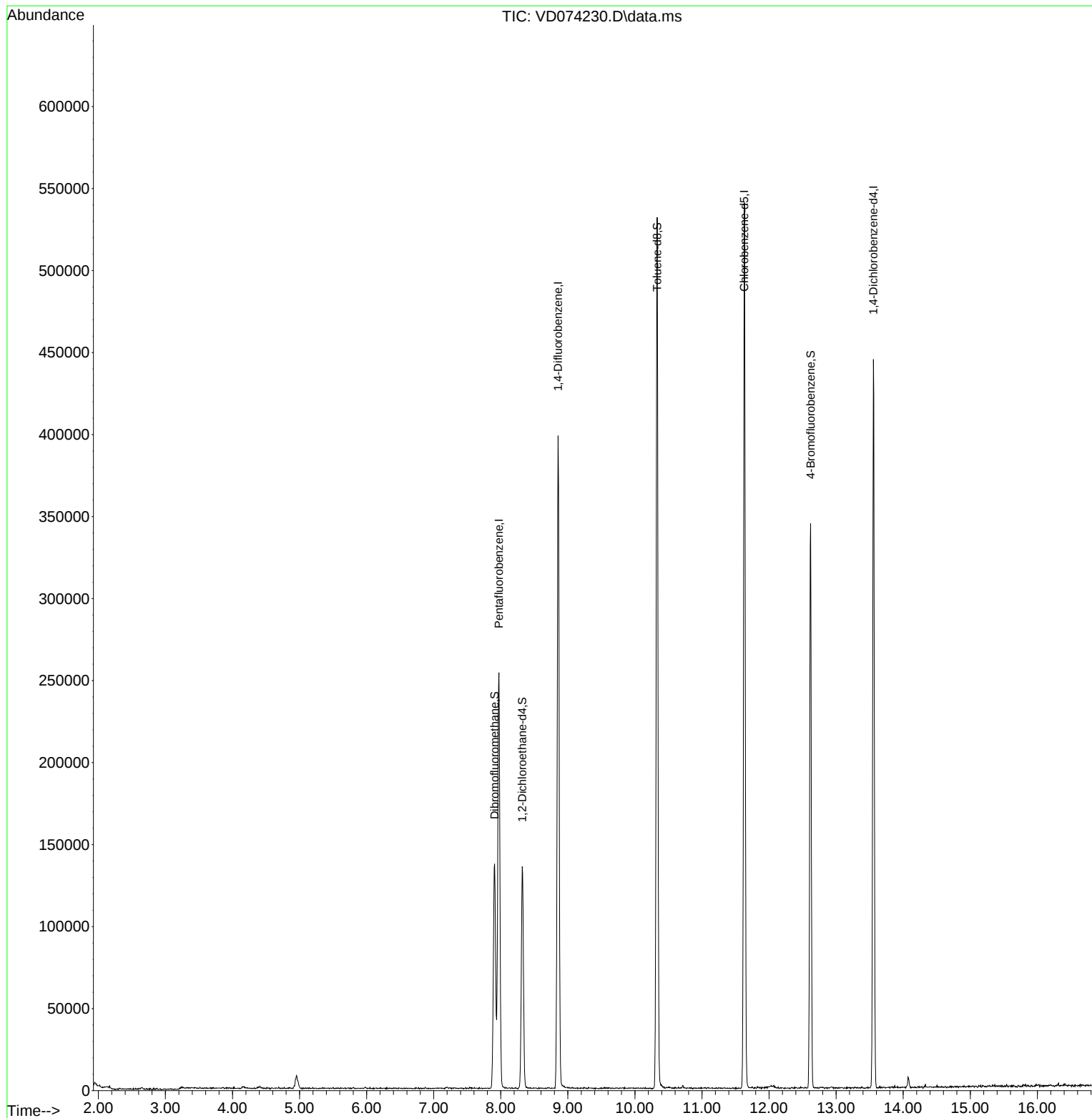
Target Compounds	Qvalue

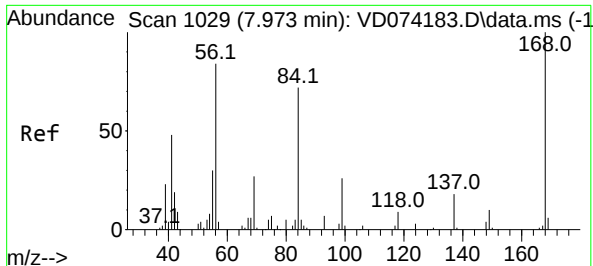
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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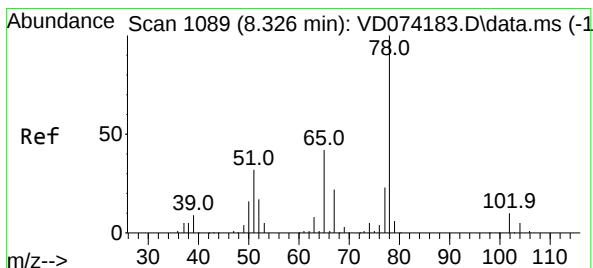
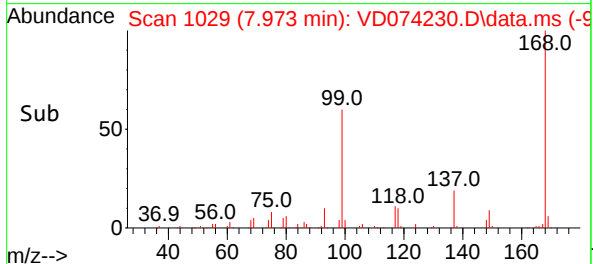
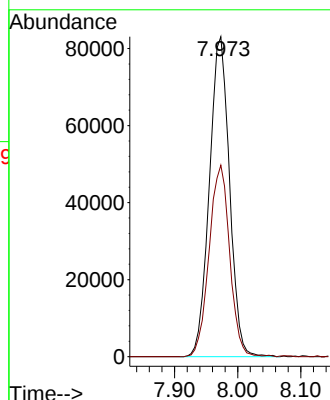
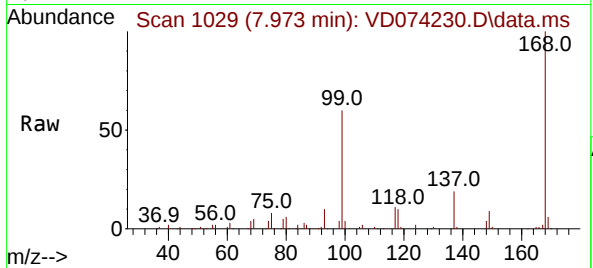




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

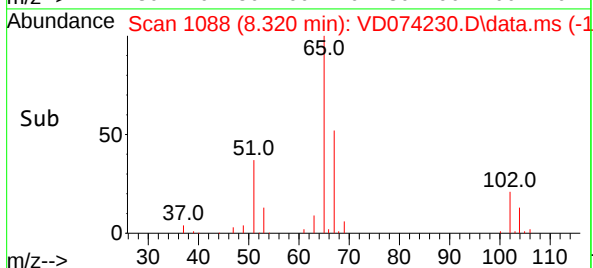
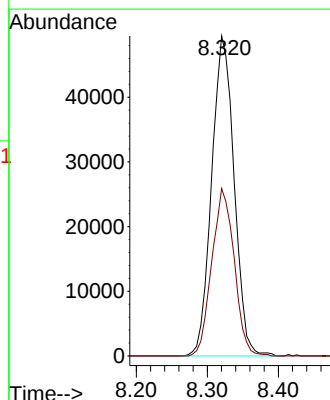
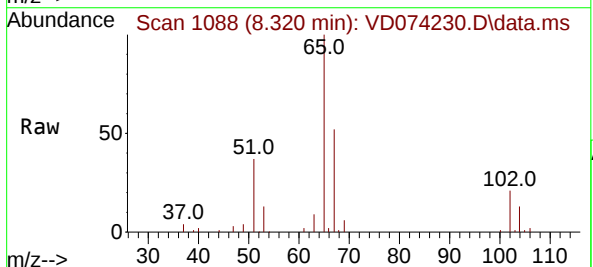
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

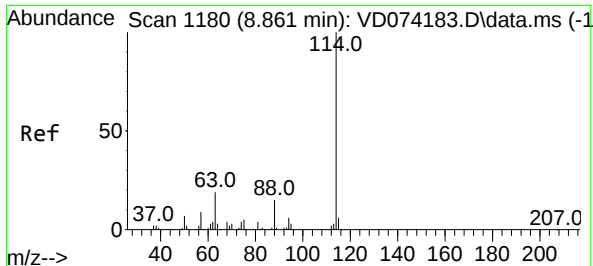
Tgt Ion:168 Resp: 183902
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 57.736 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion: 65 Resp: 108497
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074230.D

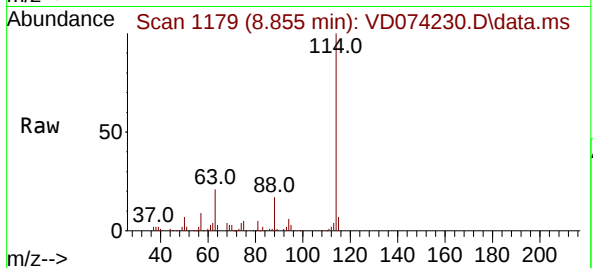
Acq: 24 Aug 2022 18:33

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB



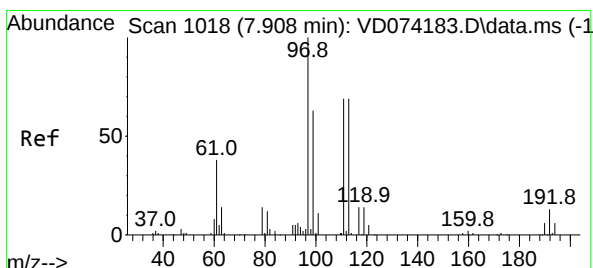
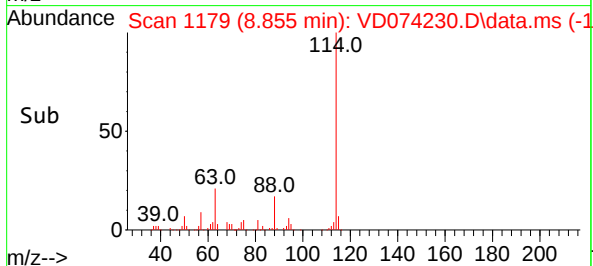
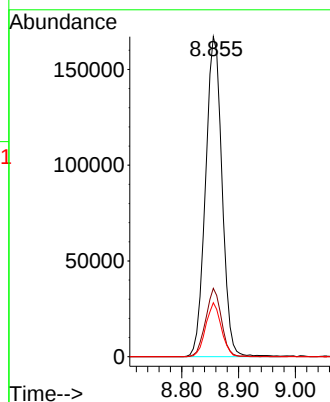
Tgt Ion:114 Resp: 336798

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.782 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074230.D

Acq: 24 Aug 2022 18:33

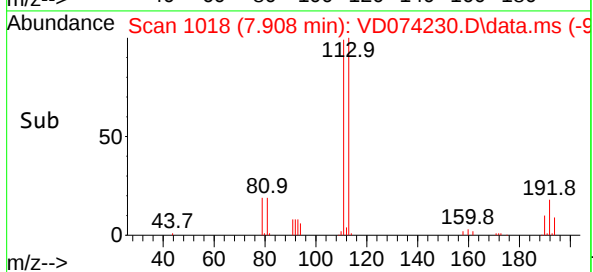
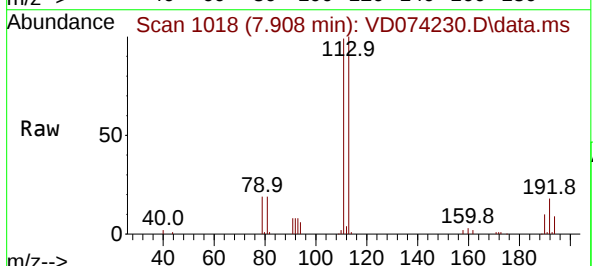
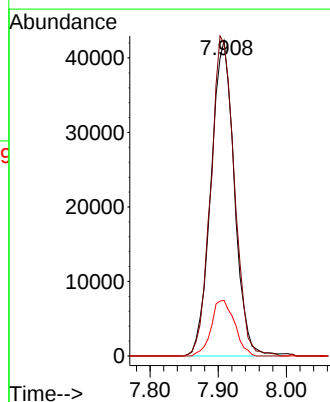
Tgt Ion:113 Resp: 100885

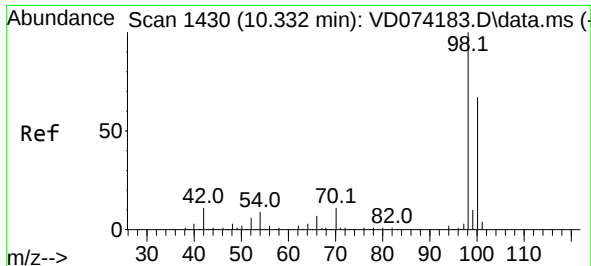
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.7 14.6 21.8

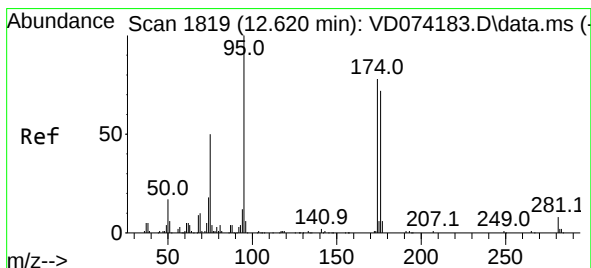
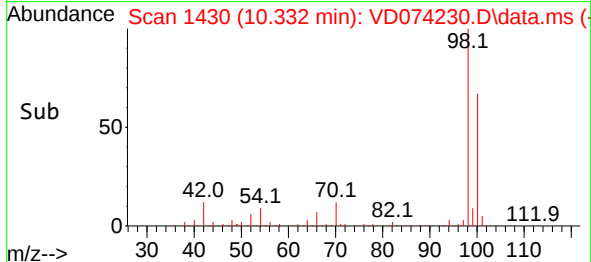
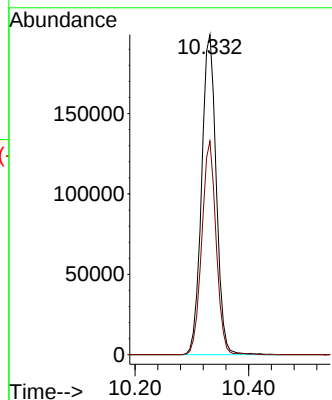
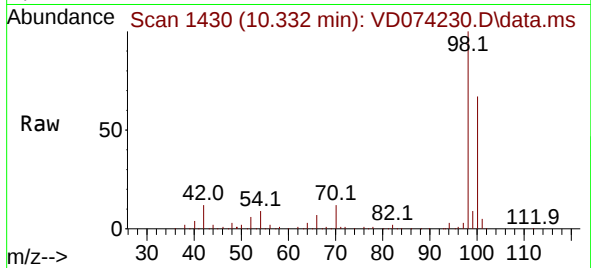




#50
Toluene-d8
Concen: 49.055 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

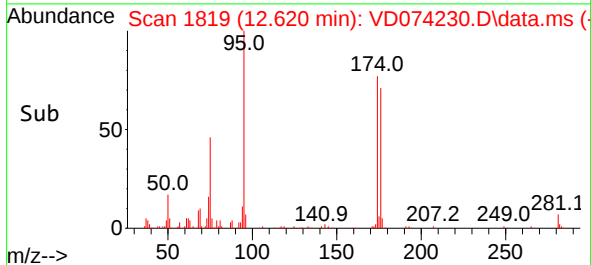
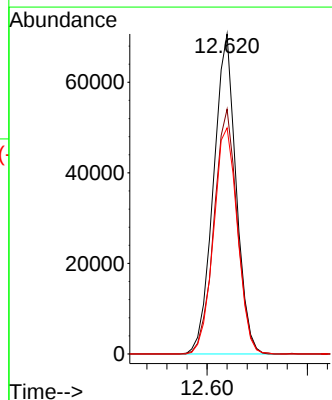
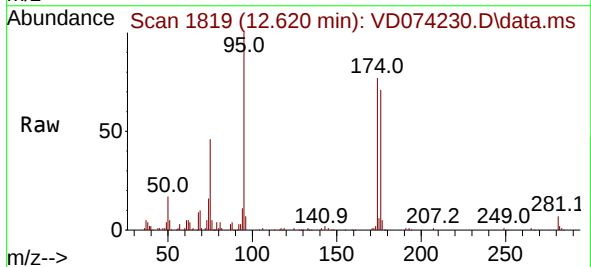
Instrument : MSVOA_D
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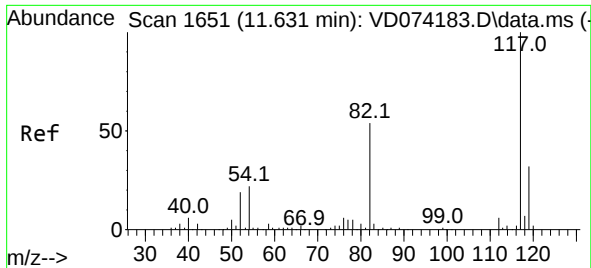
Tgt Ion: 98 Resp: 355670
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.631 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion: 95 Resp: 110651
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.5 0.0 145.4

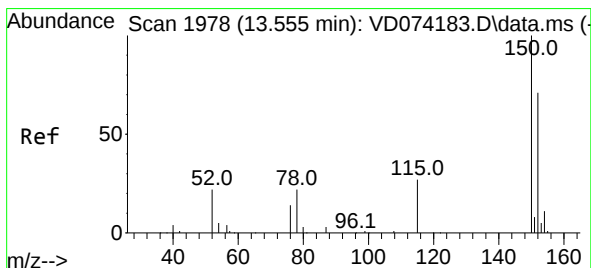
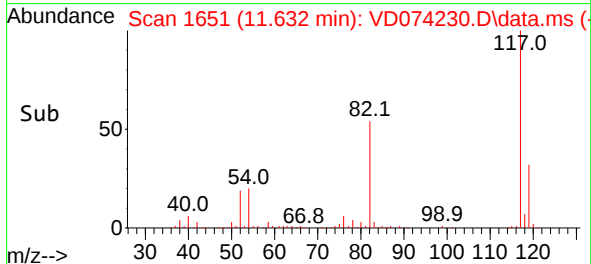
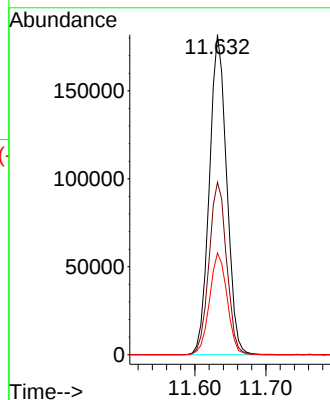
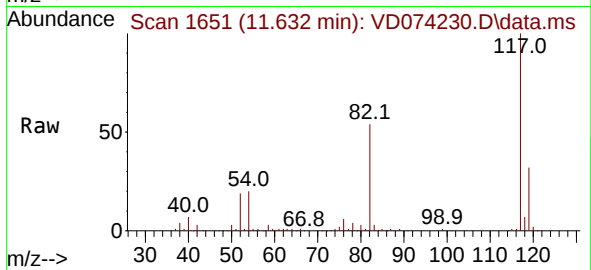




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

Tgt Ion:117 Resp: 307633
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion:152 Resp: 118002
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.5 0.0 348.6

