

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074042.D
 Acq On : 11 Aug 2022 15:25
 Operator : VA/SY
 Sample : N4130-07
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB06

Quant Time: Aug 11 18:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

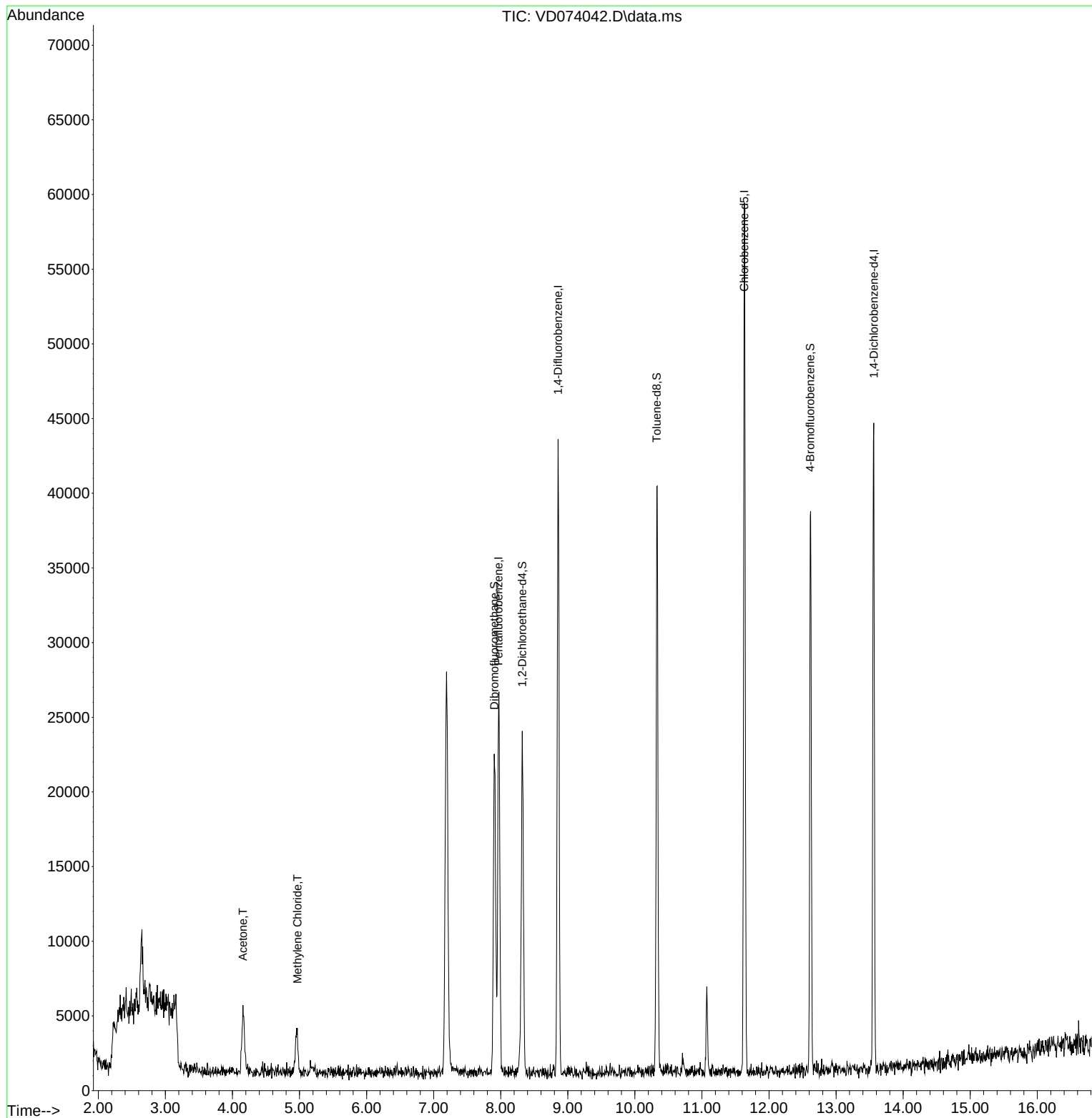
Internal Standards						
1) Pentafluorobenzene	7.967	168	18245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	34131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	32900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	18093	138.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.800%#	
35) Dibromofluoromethane	7.903	113	15194	67.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.040%	
50) Toluene-d8	10.326	98	26472	43.953	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.900%	
62) 4-Bromofluorobenzene	12.614	95	11967	42.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	8228	281.845	ug/l #	84
20) Methylene Chloride	4.967	84	2222	8.975	ug/l #	85

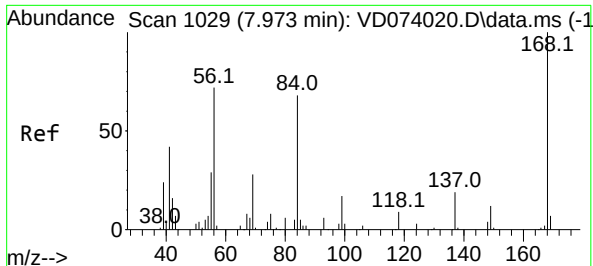
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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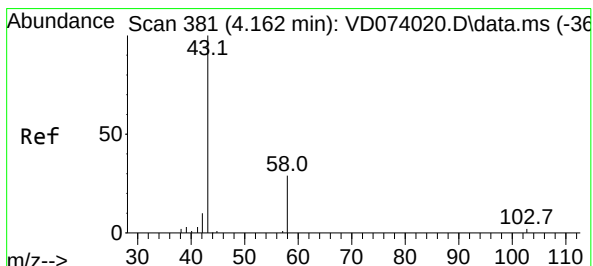
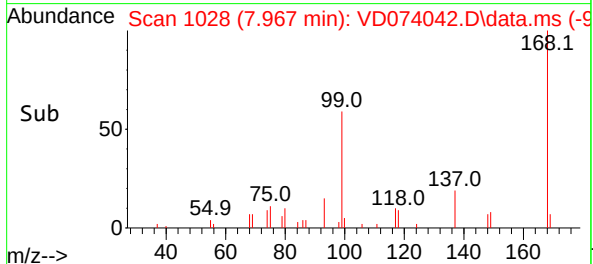
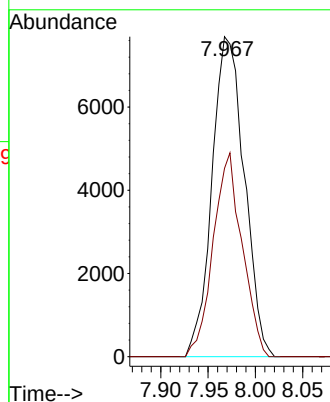
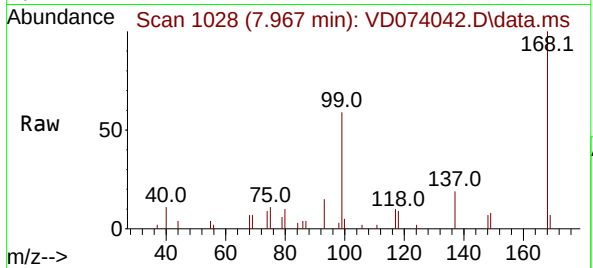




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

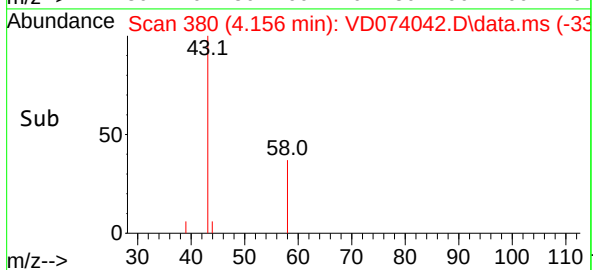
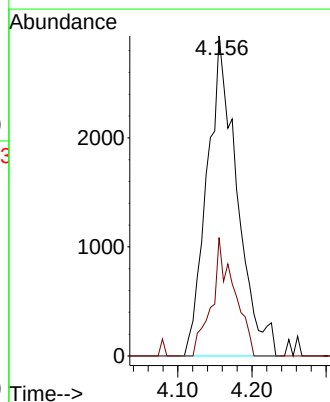
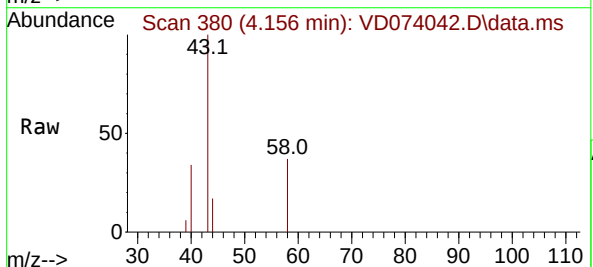
Instrument :
MSVOA_D
ClientSampleId :
SB06

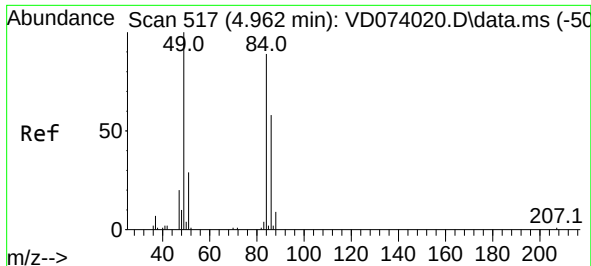
Tgt Ion:168 Resp: 18245
Ion Ratio Lower Upper
168 100
99 58.9 48.3 72.5



#16
Acetone
Concen: 281.845 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

Tgt Ion: 43 Resp: 8228
Ion Ratio Lower Upper
43 100
58 37.0 22.8 34.2#

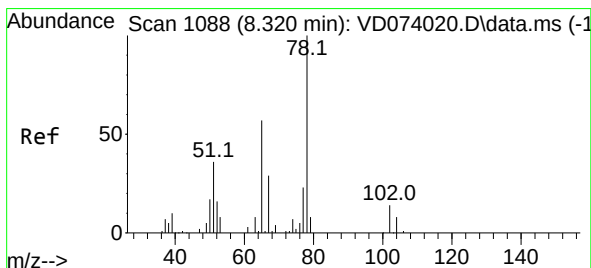
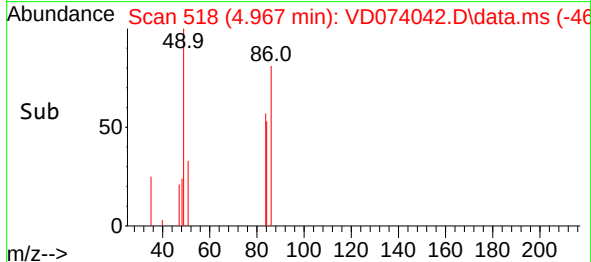
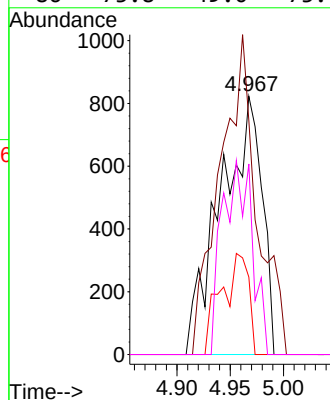
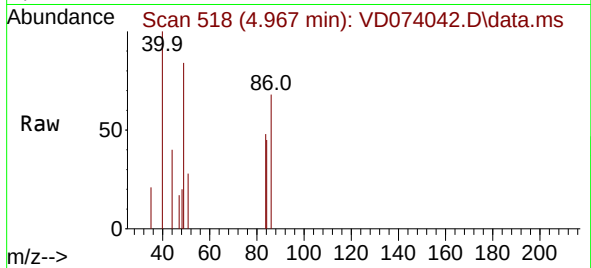




#20
Methylene Chloride
Concen: 8.975 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

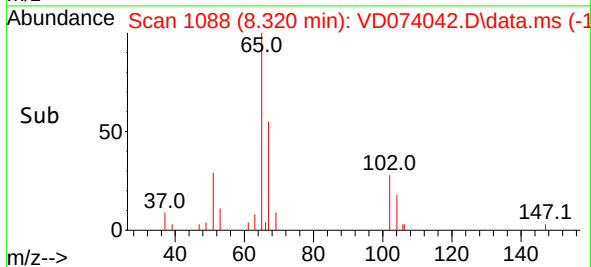
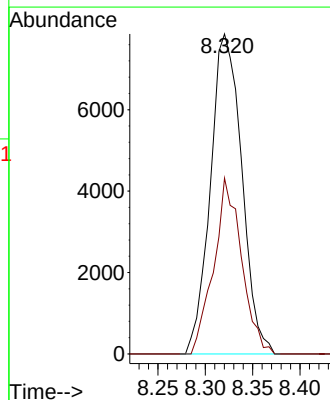
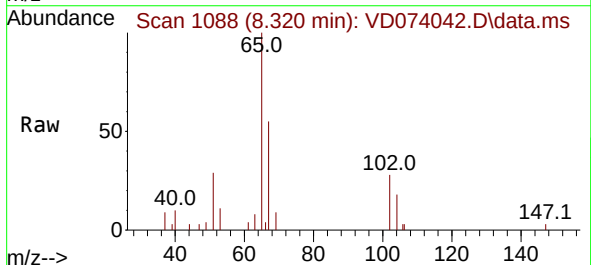
Instrument :
MSVOA_D
ClientSampleId :
SB06

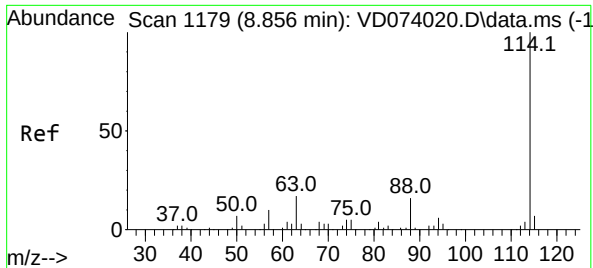
Tgt Ion: 84 Resp: 2222
Ion Ratio Lower Upper
84 100
49 90.6 85.8 128.6
51 30.0 28.0 42.0
86 73.8 49.0 73.4#



#33
1,2-Dichloroethane-d4
Concen: 138.901 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

Tgt Ion: 65 Resp: 18093
Ion Ratio Lower Upper
65 100
67 48.8 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074042.D

Acq: 11 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

SB06

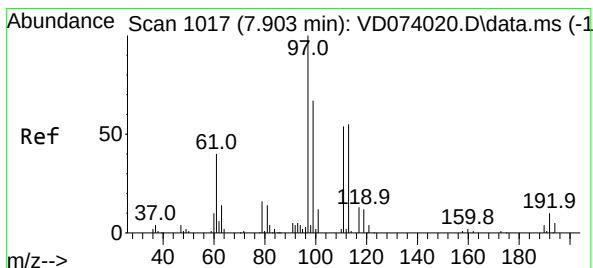
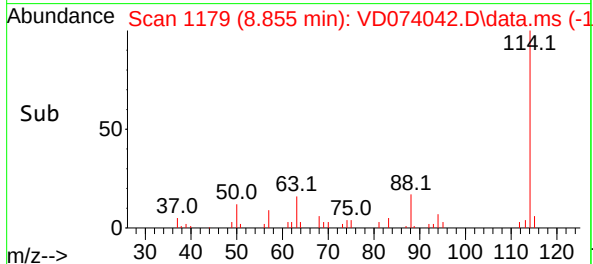
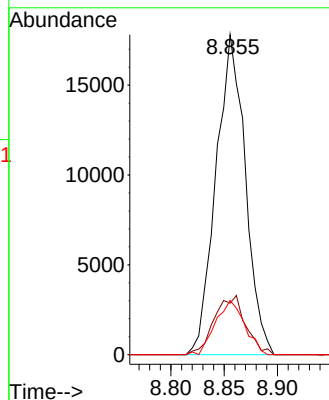
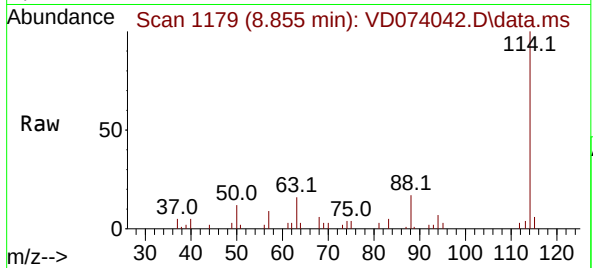
Tgt Ion:114 Resp: 34131

Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.0

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 67.024 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074042.D

Acq: 11 Aug 2022 15:25

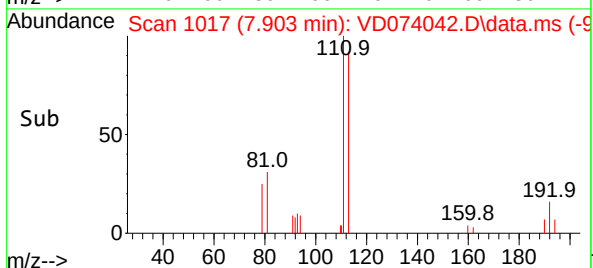
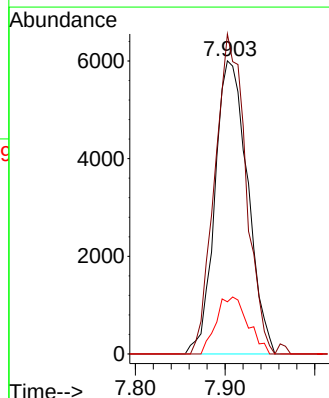
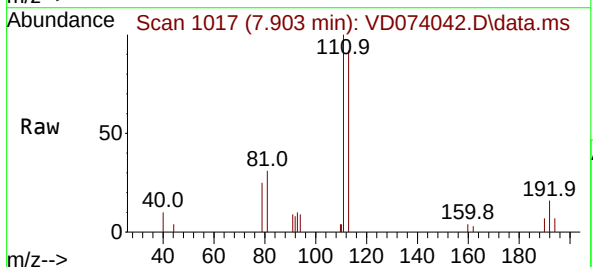
Tgt Ion:113 Resp: 15194

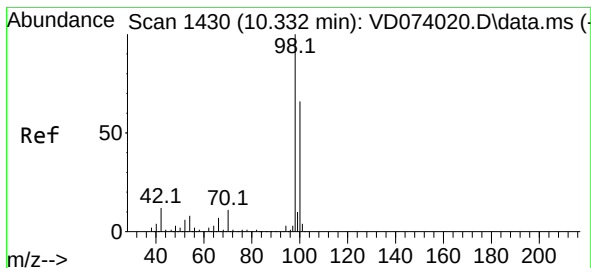
Ion Ratio Lower Upper

113 100

111 103.9 80.0 120.0

192 18.9 14.2 21.4





#50

Toluene-d8

Concen: 43.953 ug/l

RT: 10.326 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD074042.D

Acq: 11 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

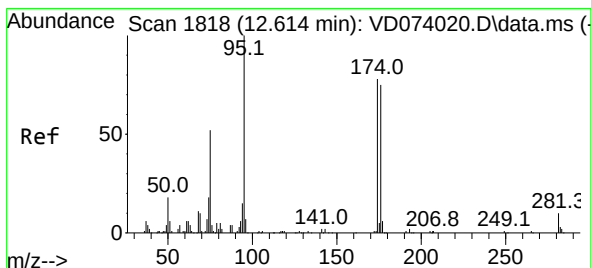
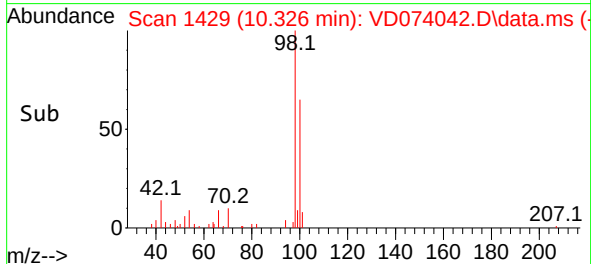
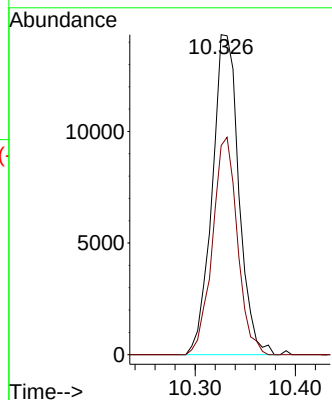
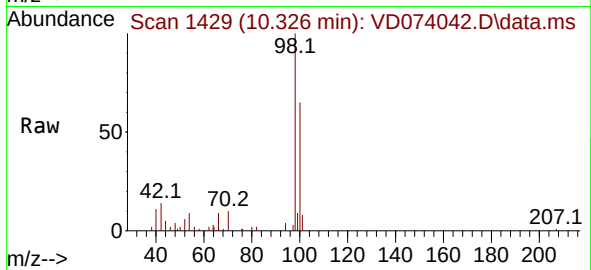
SB06

Tgt Ion: 98 Resp: 26472

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 42.927 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD074042.D

Acq: 11 Aug 2022 15:25

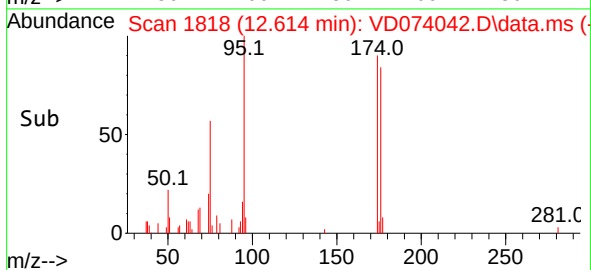
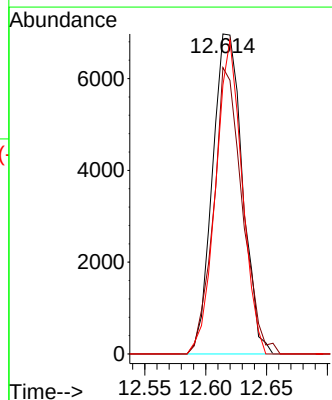
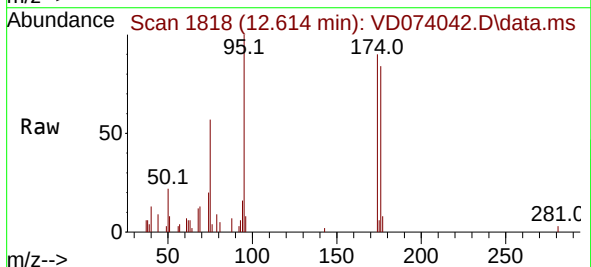
Tgt Ion: 95 Resp: 11967

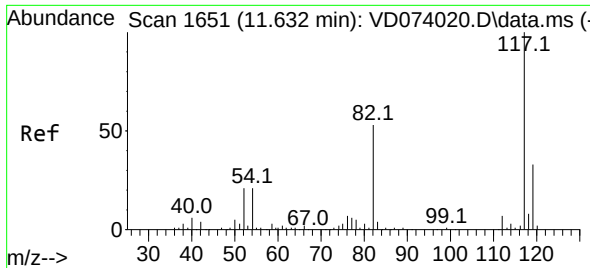
Ion Ratio Lower Upper

95 100

174 85.5 0.0 162.6

176 86.2 0.0 160.0

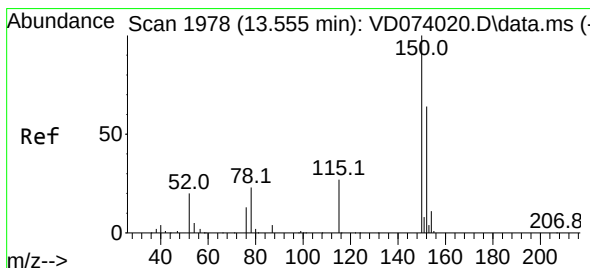
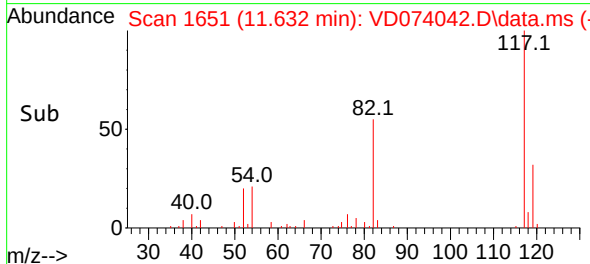
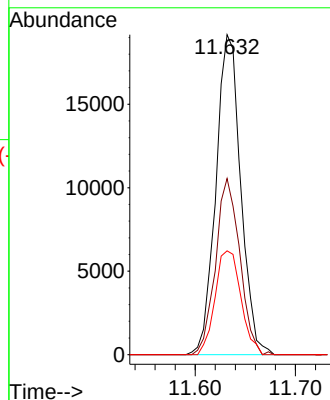
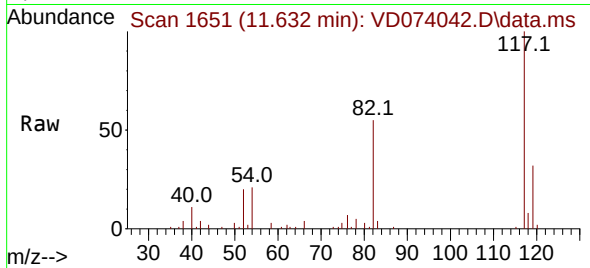




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
SB06

Tgt Ion:117	Resp:	32900
Ion	Ratio	Lower Upper
117	100	
82	55.1	42.7 64.1
119	32.5	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074042.D
Acq: 11 Aug 2022 15:25

Tgt Ion:152	Resp:	11761
Ion	Ratio	Lower Upper
152	100	
115	57.9	29.9 89.8
150	156.3	0.0 342.8

