

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074046.D
 Acq On : 11 Aug 2022 17:21
 Operator : VA/SY
 Sample : N4130-15
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01

Quant Time: Aug 11 18:03:17 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)

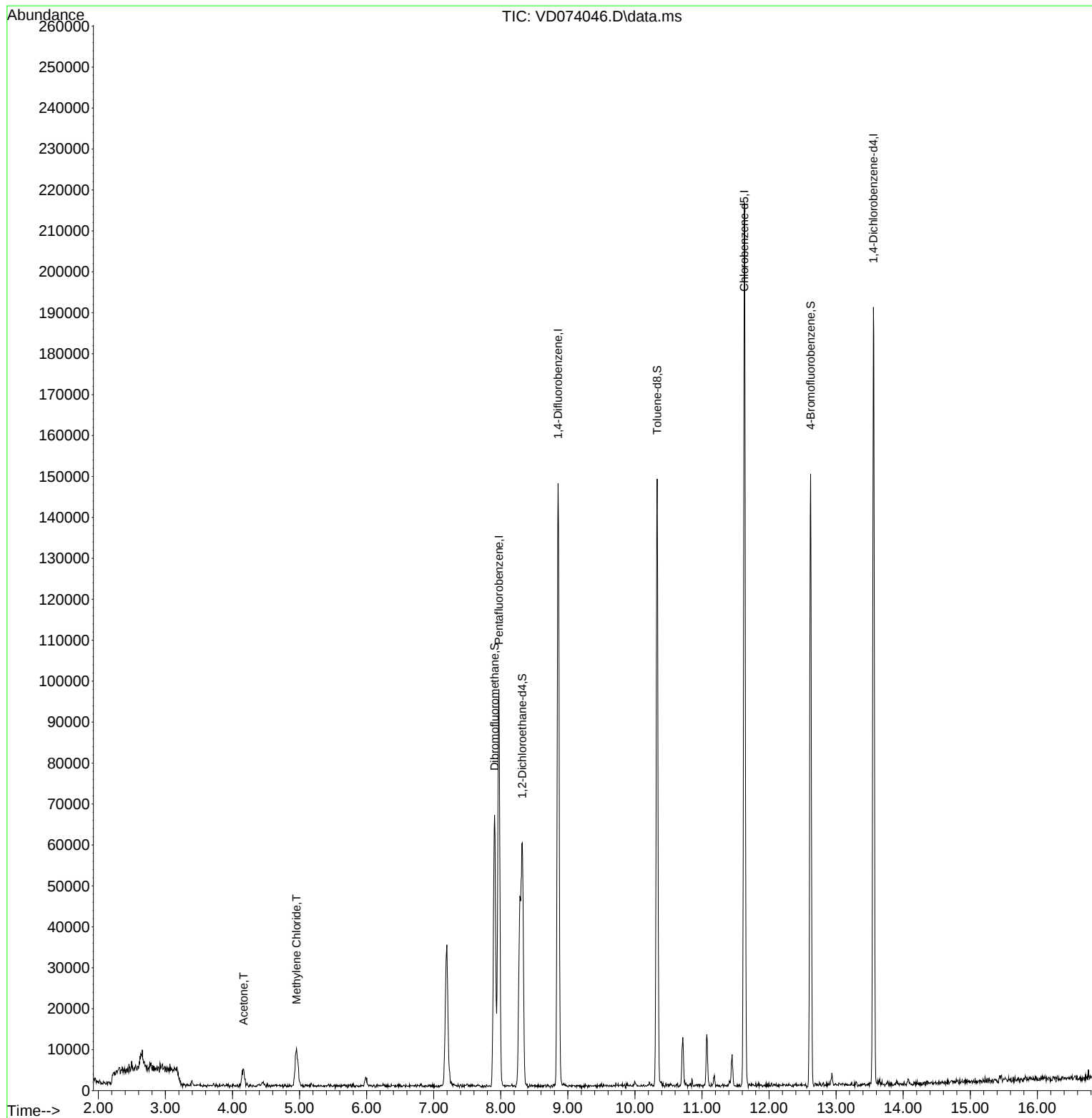
Internal Standards						
1) Pentafluorobenzene	7.973	168	69504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	125505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	121049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	50514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	43706	84.901	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 169.800%#		
35) Dibromofluoromethane	7.908	113	45622	54.730	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.460%		
50) Toluene-d8	10.332	98	99340	44.986	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 89.980%		
62) 4-Bromofluorobenzene	12.620	95	45794	44.672	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 89.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	7347	66.063	ug/l #	87
20) Methylene Chloride	4.955	84	7319	7.330	ug/l #	88

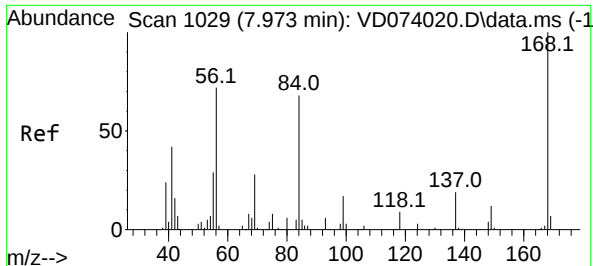
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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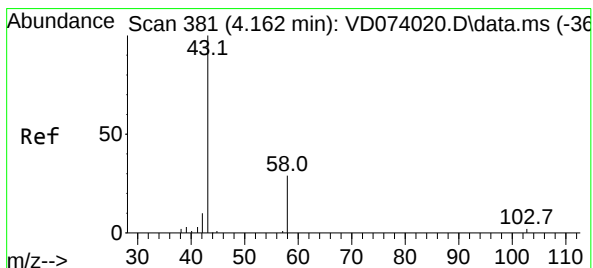
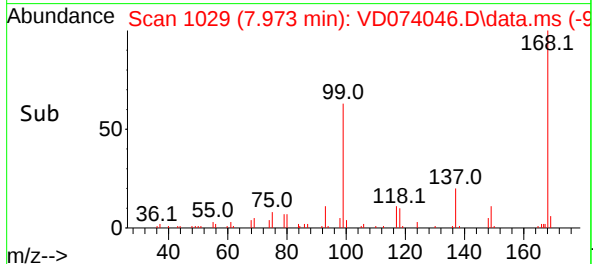
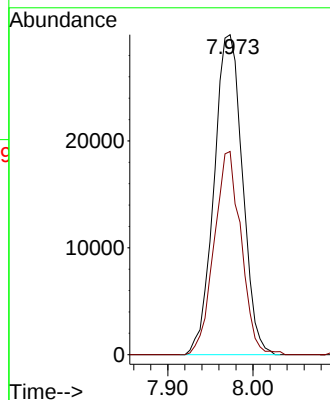
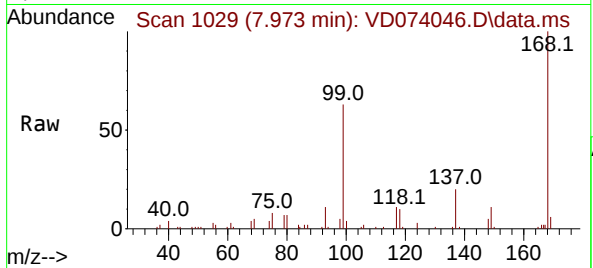




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

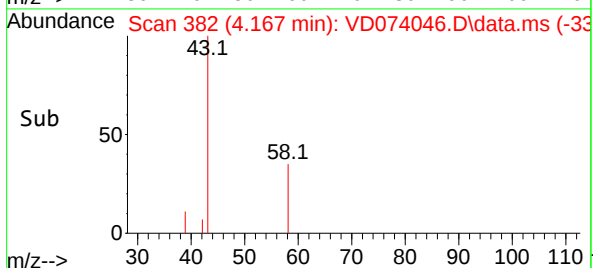
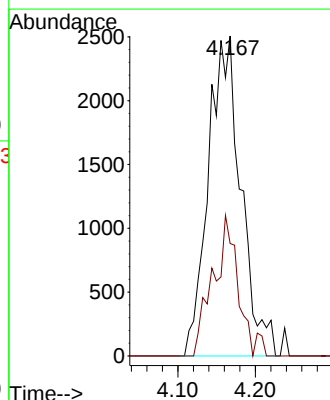
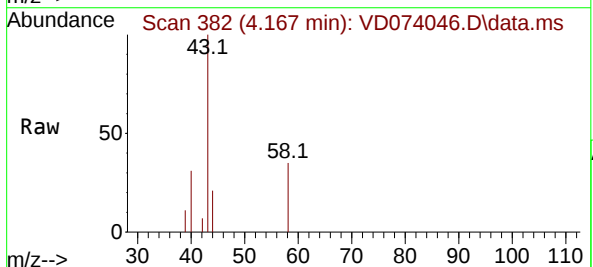
Instrument :
MSVOA_D
ClientSampleId :
SB01

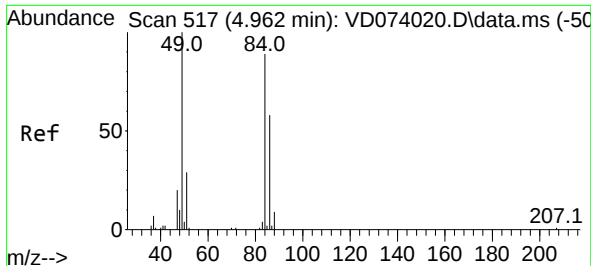
Tgt Ion:168 Resp: 69504
Ion Ratio Lower Upper
168 100
99 63.5 48.3 72.5



#16
Acetone
Concen: 66.063 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.005 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

Tgt Ion: 43 Resp: 7347
Ion Ratio Lower Upper
43 100
58 35.1 22.8 34.2#

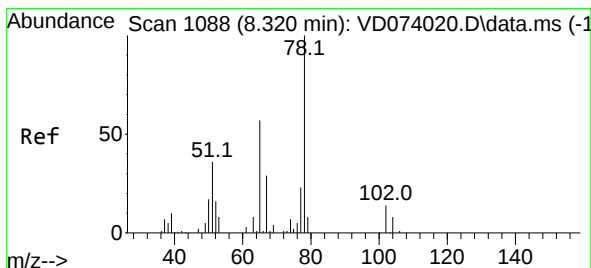
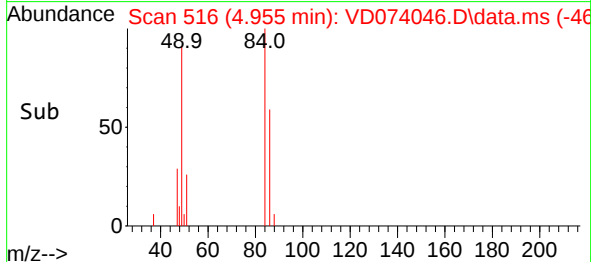
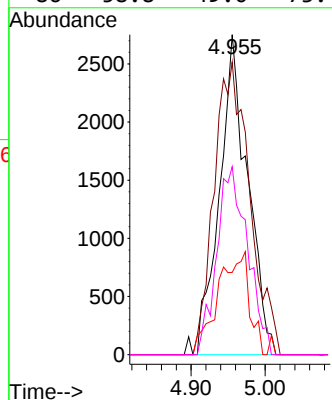
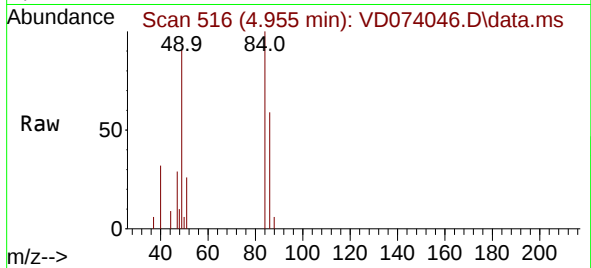




#20
Methylene Chloride
Concen: 7.330 ug/l
RT: 4.955 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

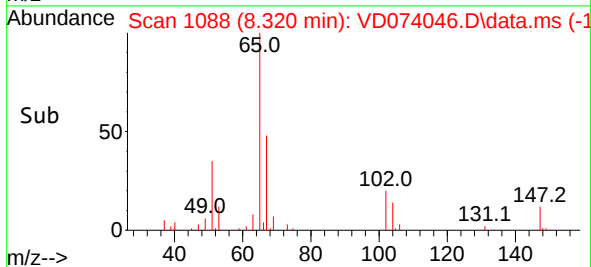
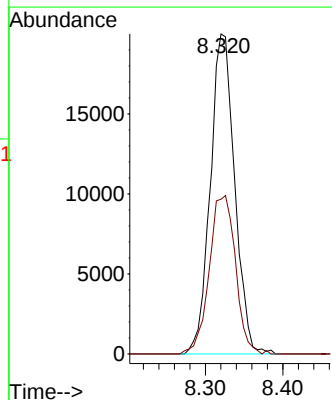
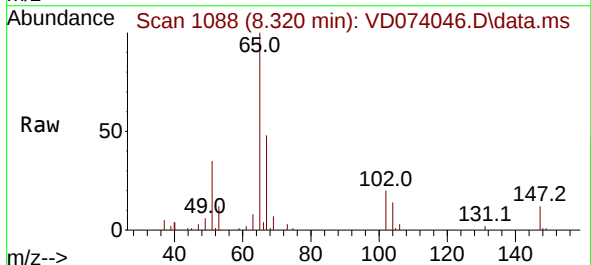
Instrument :
MSVOA_D
ClientSampleId :
SB01

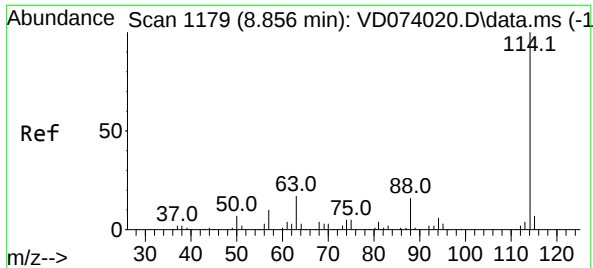
Tgt Ion: 84 Resp: 7319
Ion Ratio Lower Upper
84 100
49 91.5 85.8 128.6
51 25.7 28.0 42.0#
86 58.8 49.0 73.4



#33
1,2-Dichloroethane-d4
Concen: 84.901 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

Tgt Ion: 65 Resp: 43706
Ion Ratio Lower Upper
65 100
67 53.3 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: VD074046.D

Acq: 11 Aug 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

SB01

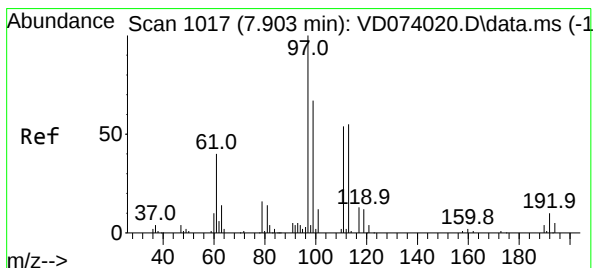
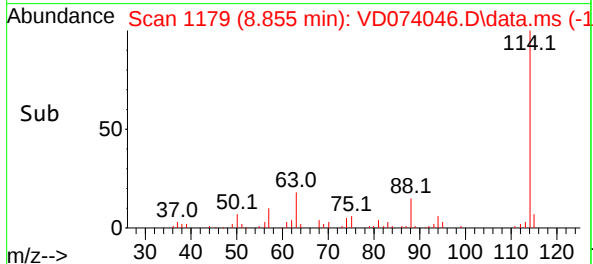
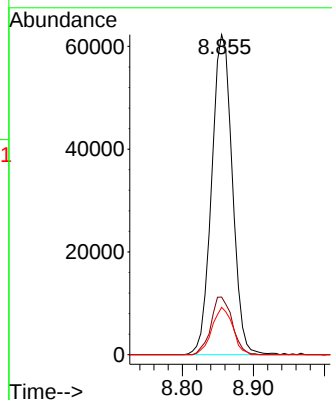
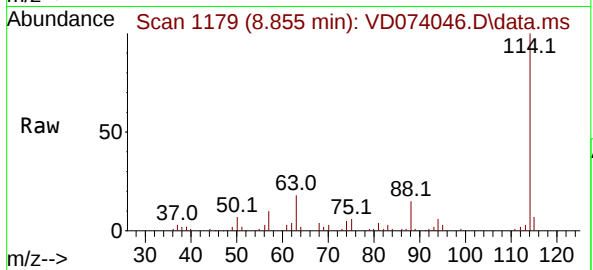
Tgt Ion:114 Resp: 125505

Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.0

88 14.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.730 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074046.D

Acq: 11 Aug 2022 17:21

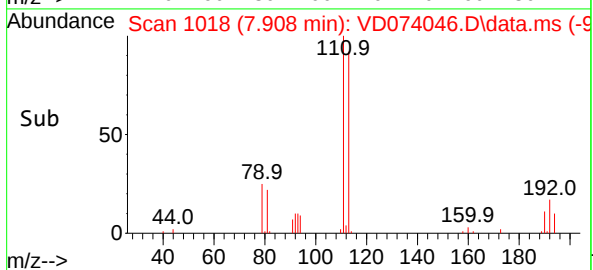
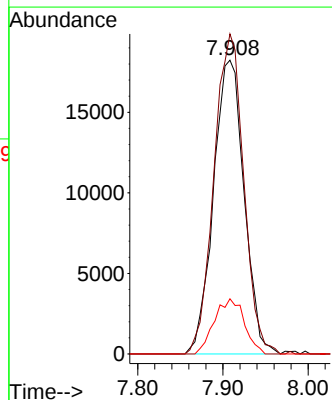
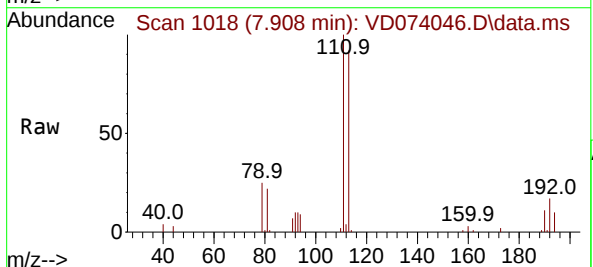
Tgt Ion:113 Resp: 45622

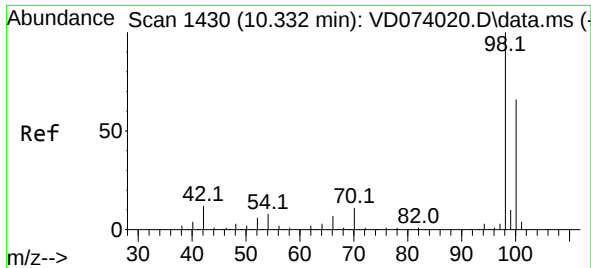
Ion Ratio Lower Upper

113 100

111 105.7 80.0 120.0

192 18.4 14.2 21.4

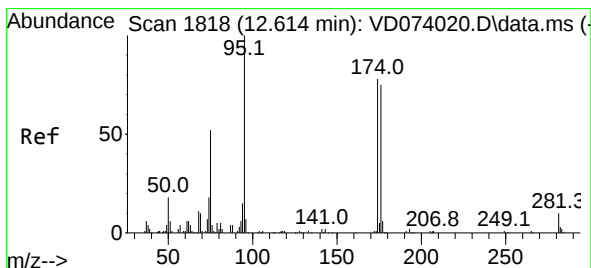
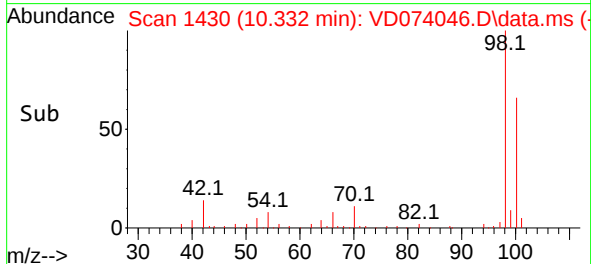
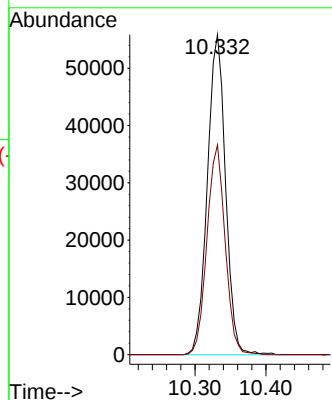
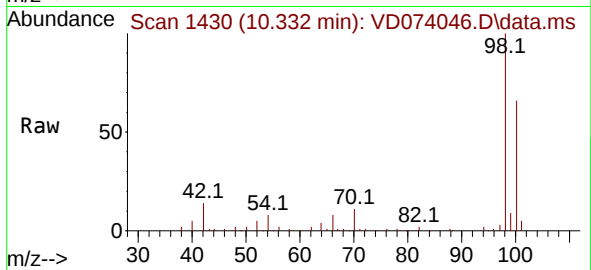




#50
Toluene-d8
Concen: 44.986 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

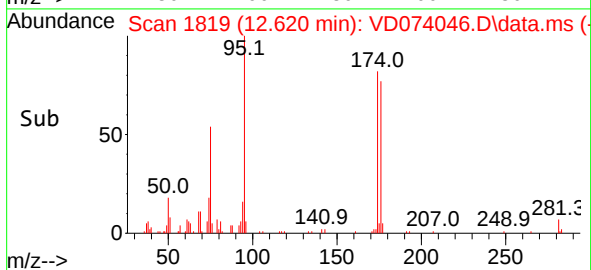
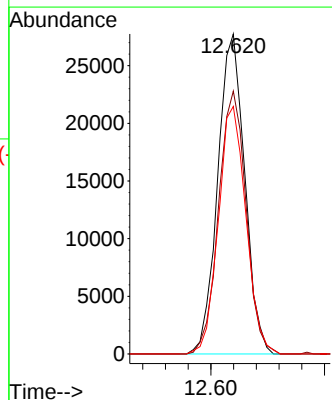
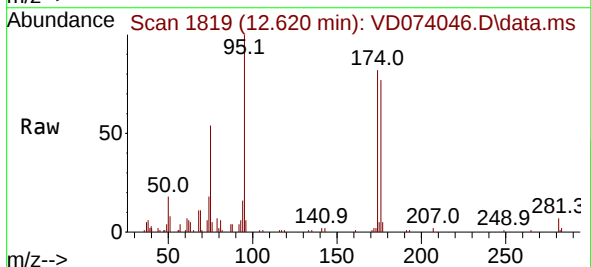
Instrument :
MSVOA_D
ClientSampleId :
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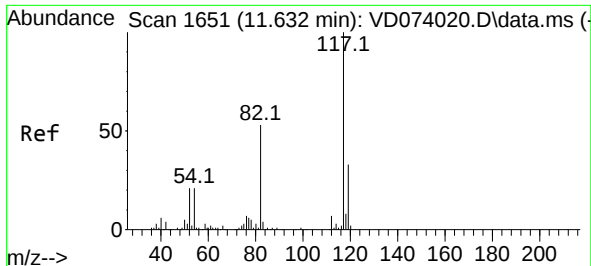
Tgt Ion: 98 Resp: 99340
Ion Ratio Lower Upper
98 100
100 65.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.672 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

Tgt Ion: 95 Resp: 45794
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.6
176 79.0 0.0 160.0

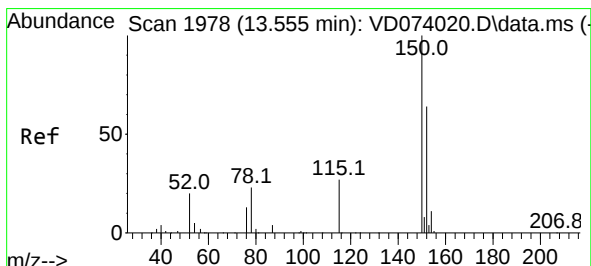
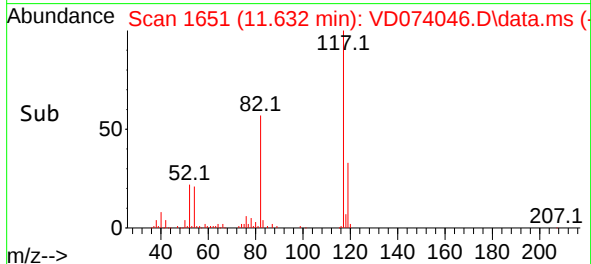
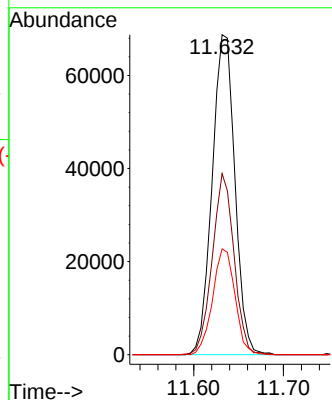
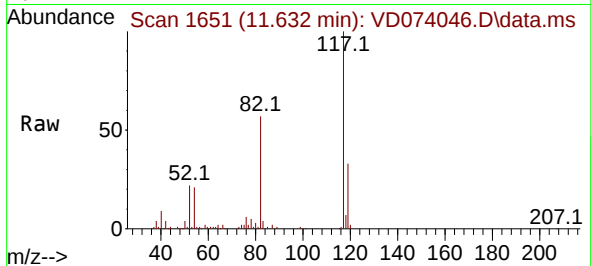




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :
SB01

Tgt Ion:117 Resp: 121049
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074046.D
Acq: 11 Aug 2022 17:21

Tgt Ion:152 Resp: 50514
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.8
150 155.3 0.0 342.8

