

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074049.D
 Acq On : 11 Aug 2022 18:49
 Operator : VA/SY
 Sample : N4130-05RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB05RE

Quant Time: Aug 12 01:18:53 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)

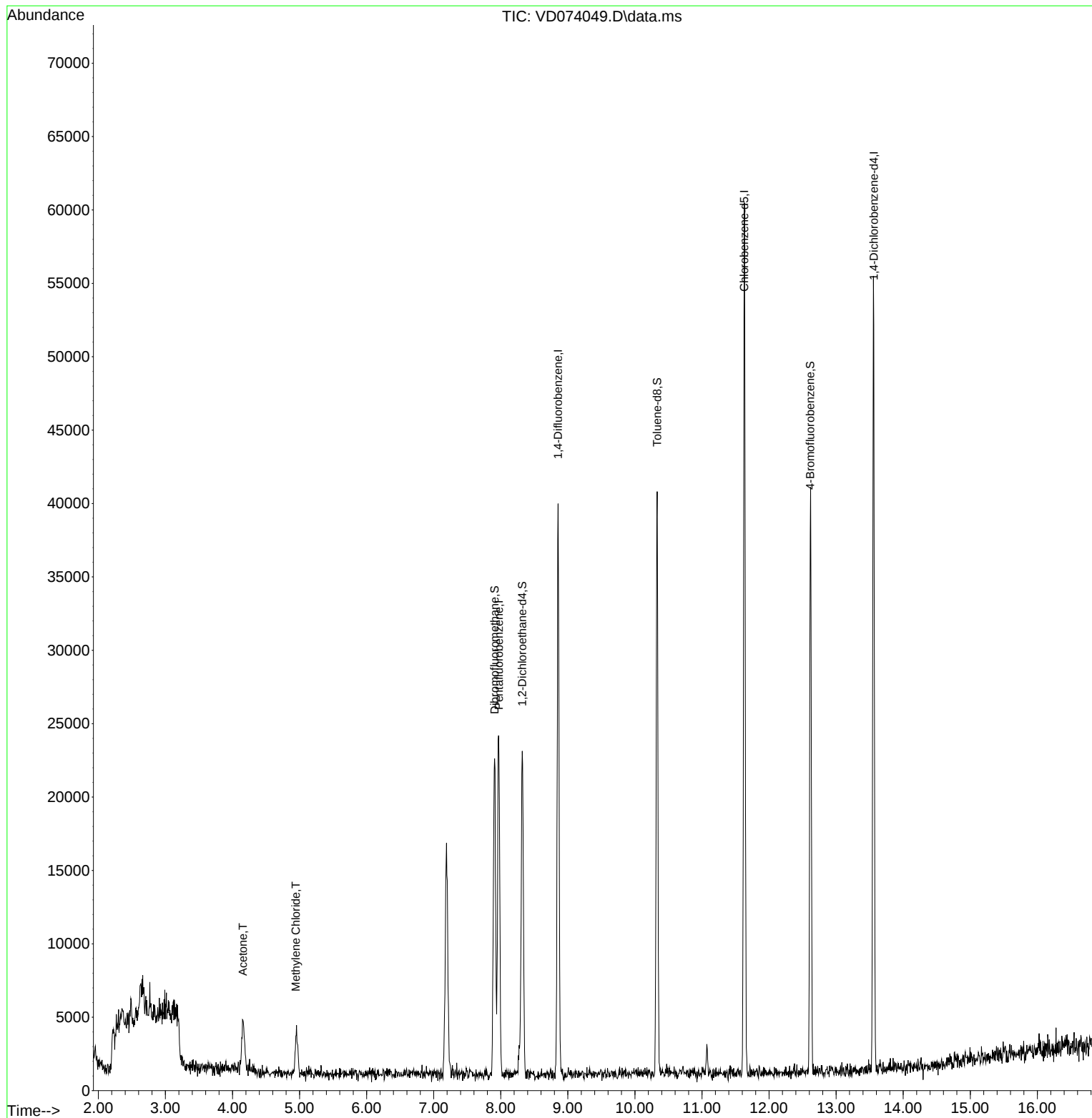
Internal Standards						
1) Pentafluorobenzene	7.973	168	16787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	31726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	33974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	17748	148.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	297.320%#
35) Dibromofluoromethane	7.908	113	15094	71.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.260%
50) Toluene-d8	10.332	98	26853	48.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.614	95	12808	49.426	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.860%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	6236	232.163	ug/l #	72
20) Methylene Chloride	4.944	84	2372	10.923	ug/l #	70

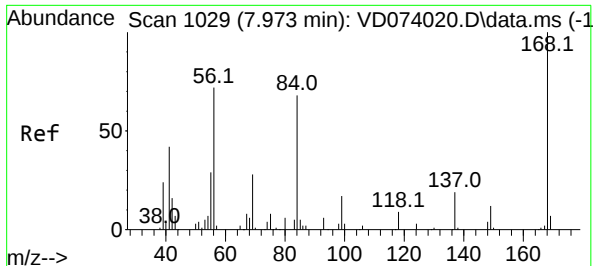
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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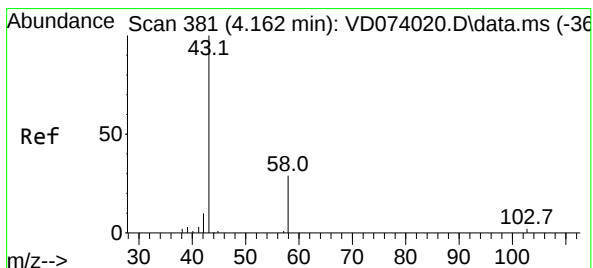
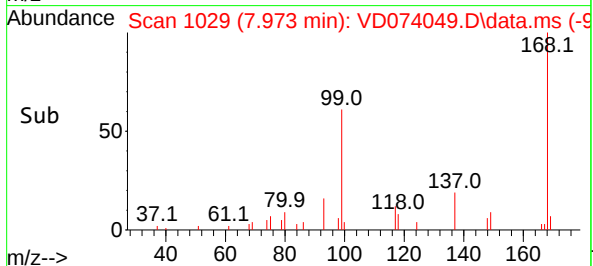
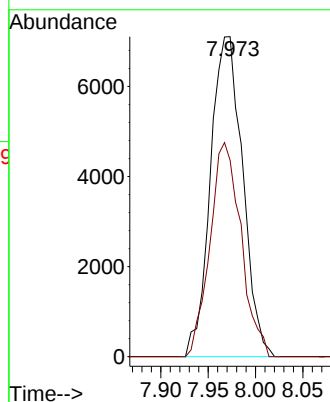
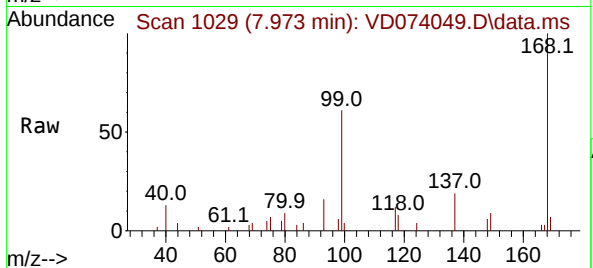




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

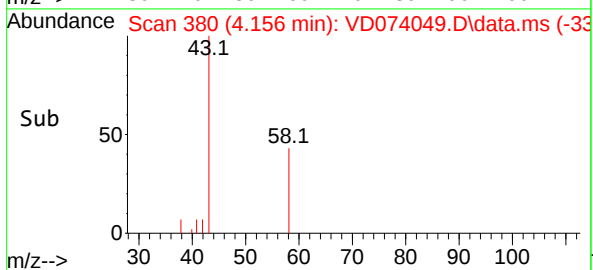
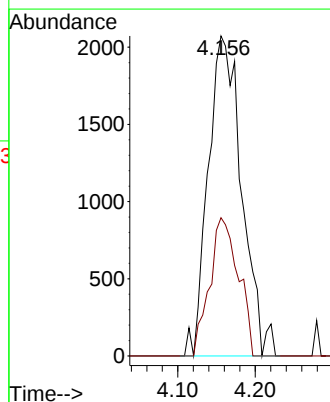
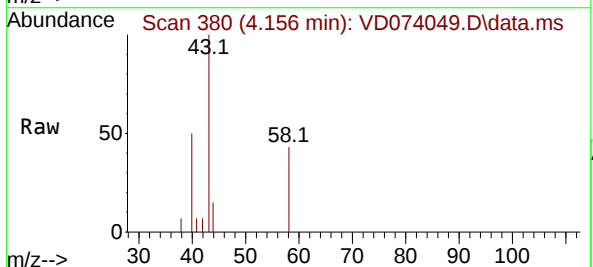
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

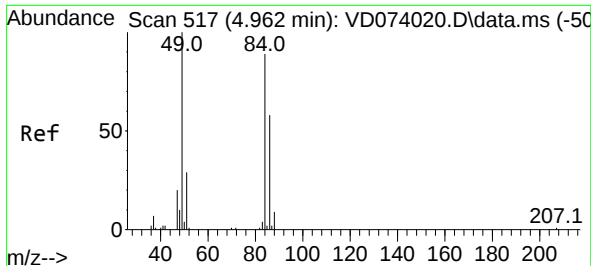
Tgt Ion:168 Resp: 16787
Ion Ratio Lower Upper
168 100
99 61.4 48.3 72.5



#16
Acetone
Concen: 232.163 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 43 Resp: 6236
Ion Ratio Lower Upper
43 100
58 43.2 22.8 34.2#

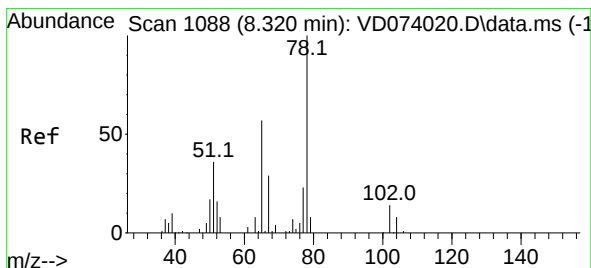
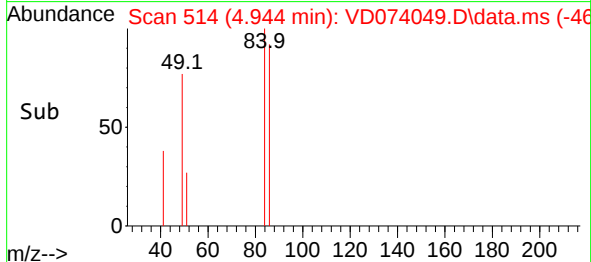
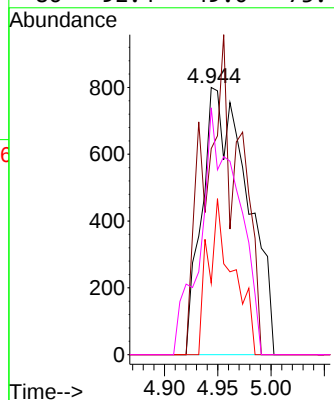
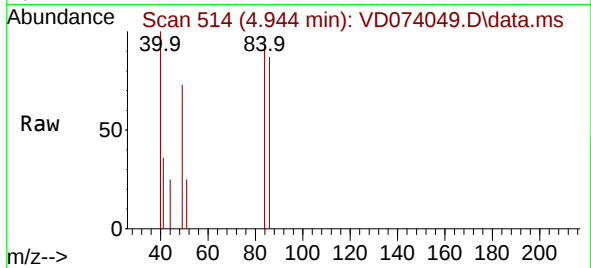




#20
Methylene Chloride
Concen: 10.923 ug/l
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

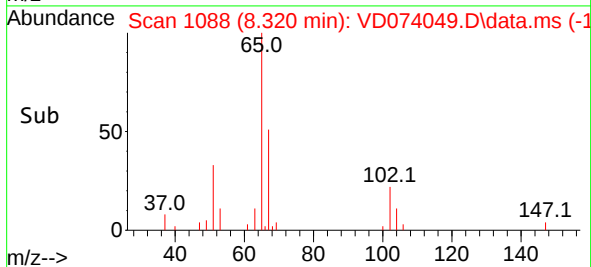
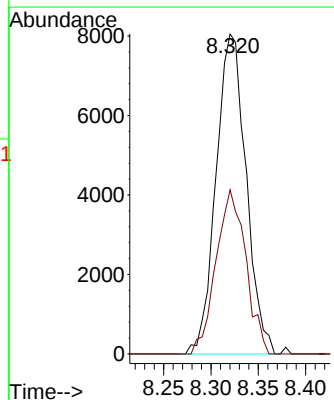
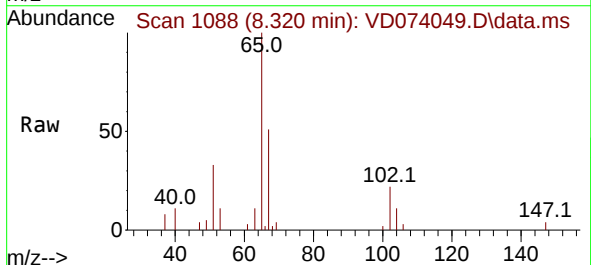
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

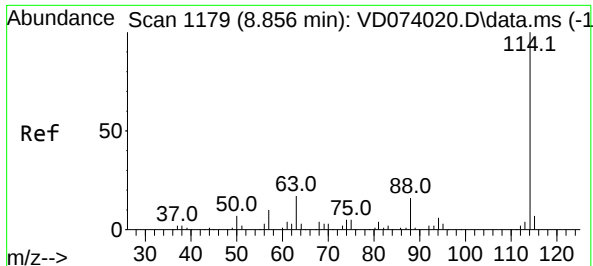
Tgt Ion:	84	Resp:	2372
Ion	Ratio	Lower	Upper
84	100		
49	77.1	85.8	128.6#
51	26.8	28.0	42.0#
86	92.4	49.0	73.4#



#33
1,2-Dichloroethane-d4
Concen: 148.660 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion:	65	Resp:	17748
Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VD074049.D

Acq: 11 Aug 2022 18:49

Instrument :

MSVOA_D

ClientSampleId :

SB05RE

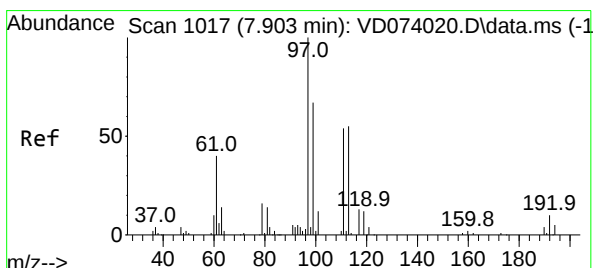
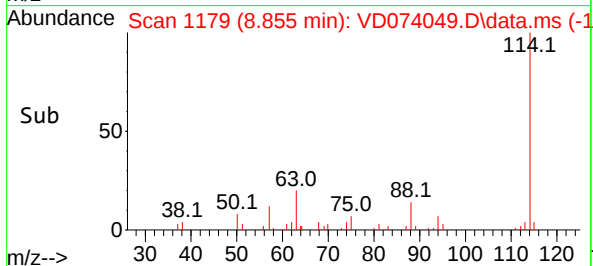
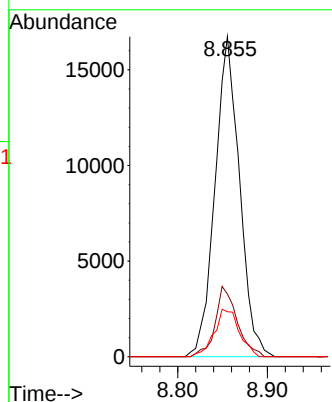
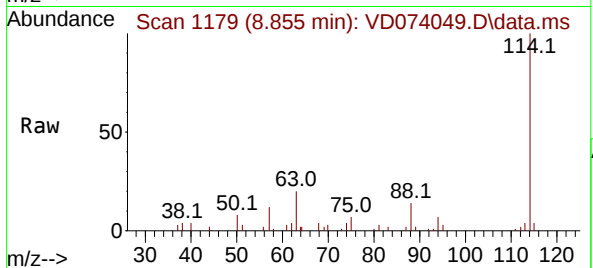
Tgt Ion:114 Resp: 31726

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 14.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 71.630 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

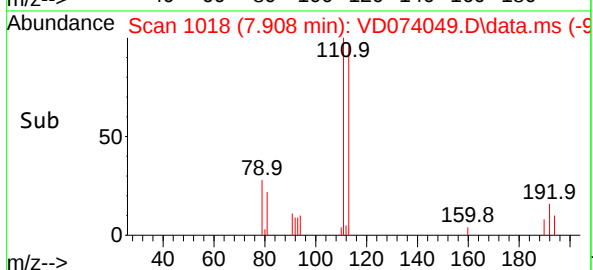
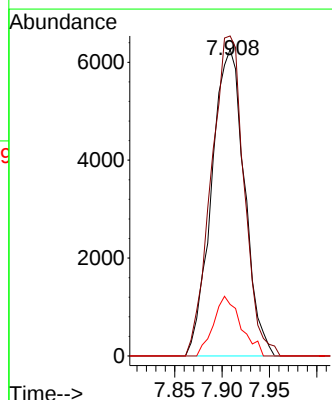
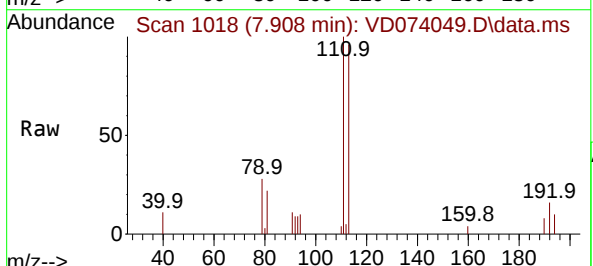
Tgt Ion:113 Resp: 15094

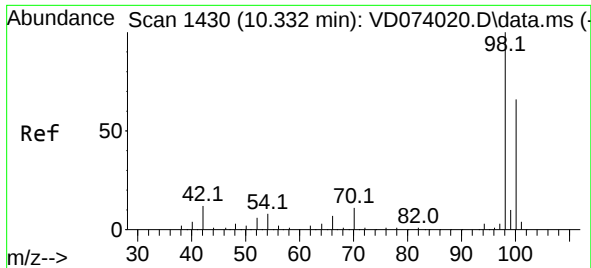
Ion Ratio Lower Upper

113 100

111 104.3 80.0 120.0

192 16.4 14.2 21.4

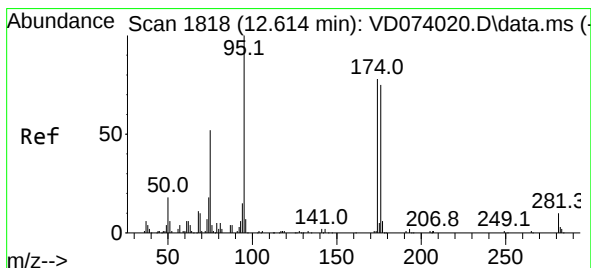
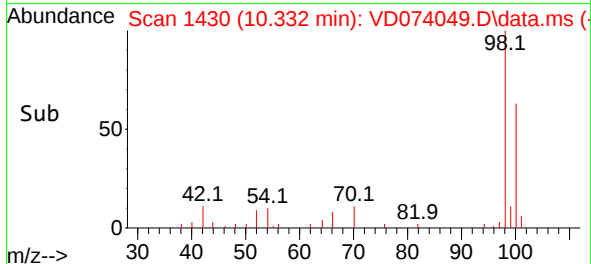
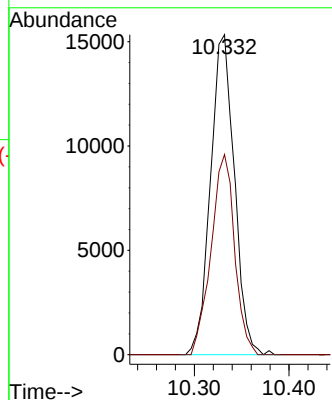
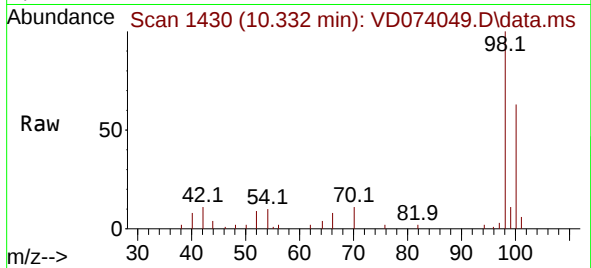




#50
Toluene-d8
Concen: 48.549 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

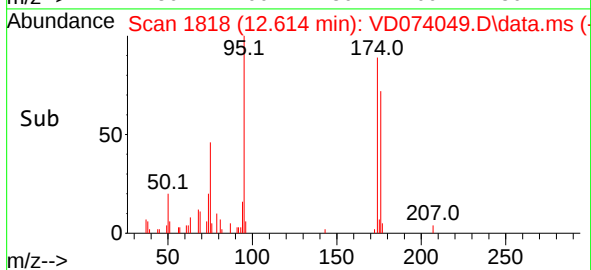
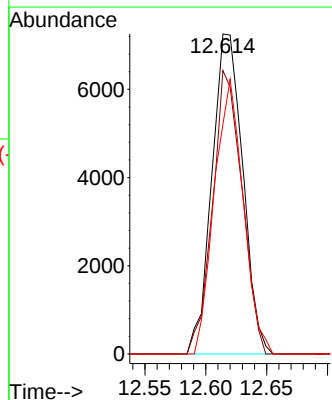
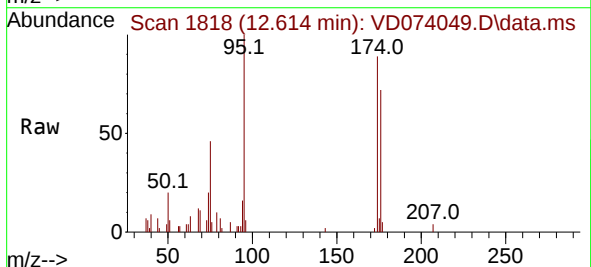
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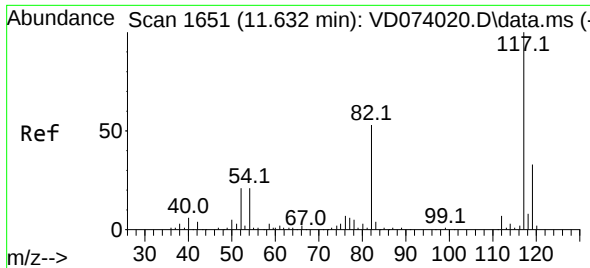
Tgt Ion: 98 Resp: 26853
Ion Ratio Lower Upper
98 100
100 61.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.426 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 95 Resp: 12808
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.6
176 80.4 0.0 160.0

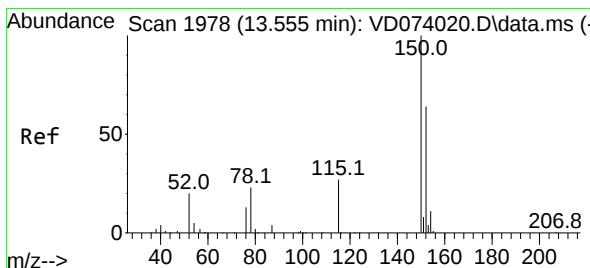
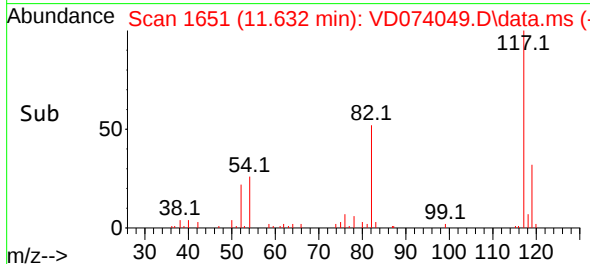
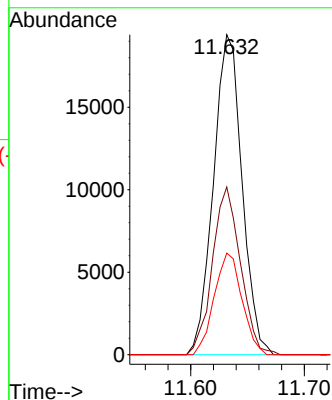
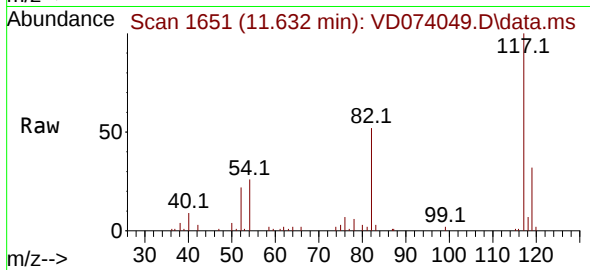




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Instrument :
MSVOA_D
ClientSampleId :
SB05RE

Tgt Ion:117 Resp: 33974
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 31.7 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: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion:152 Resp: 13389
Ion Ratio Lower Upper
152 100
115 65.2 29.9 89.8
150 164.7 0.0 342.8

