

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074059.D
 Acq On : 12 Aug 2022 12:51
 Operator : VA/SY
 Sample : N4119-04RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-2FTRE

Quant Time: Aug 12 13:24:09 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)

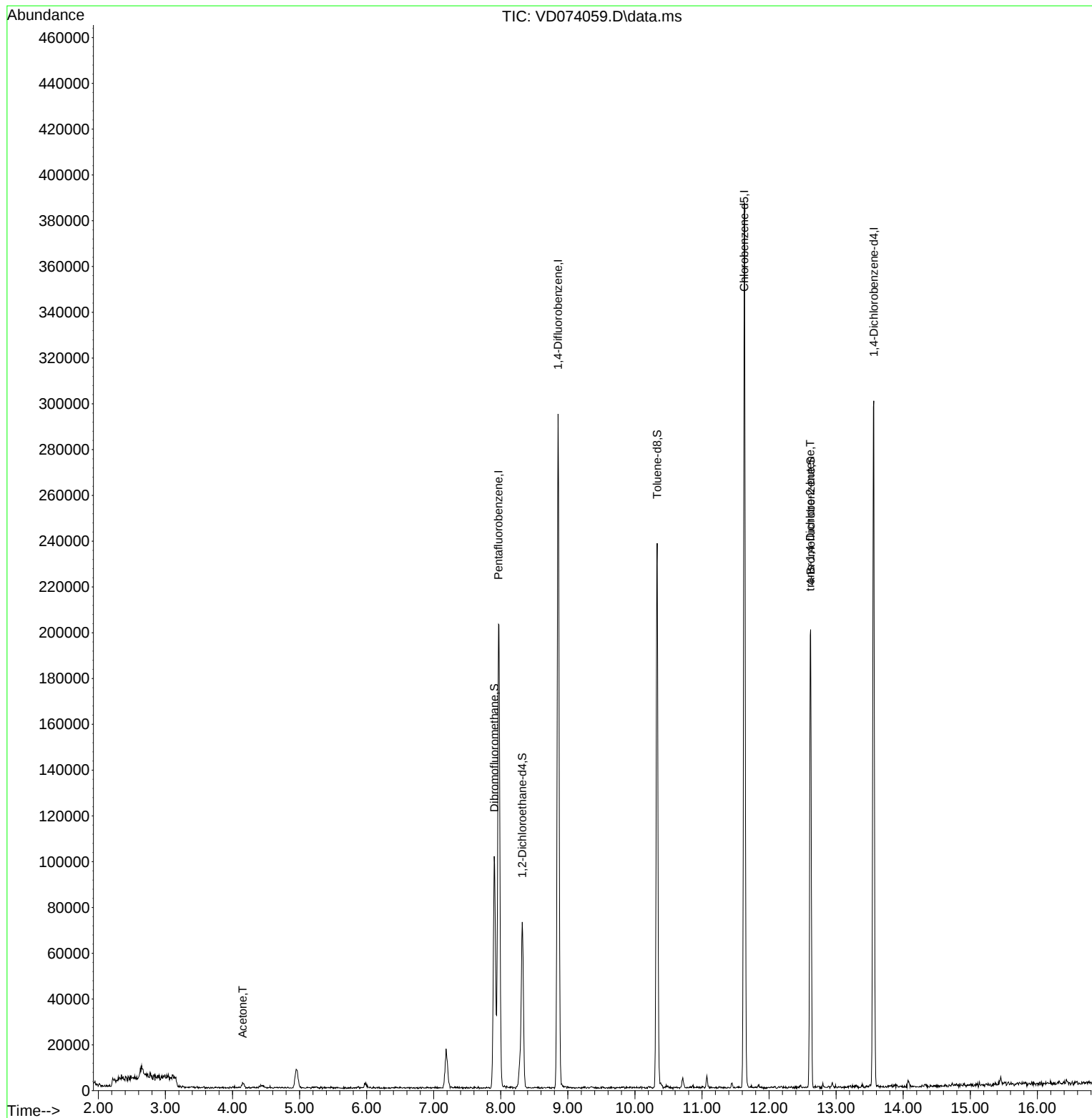
Internal Standards						
1) Pentafluorobenzene	7.967	168	146572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	245311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	210213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55615	47.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.580%
35) Dibromofluoromethane	7.902	113	69318	42.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.332	98	159004	35.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.360%
62) 4-Bromofluorobenzene	12.620	95	61782	30.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.660%
Target Compounds						
16) Acetone	4.150	43	3658m	15.597	ug/l	
81) trans-1,4-Dichloro-2-b...	12.614	75	34001	125.634	ug/l #	13

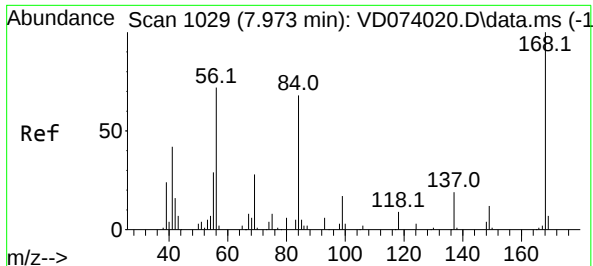
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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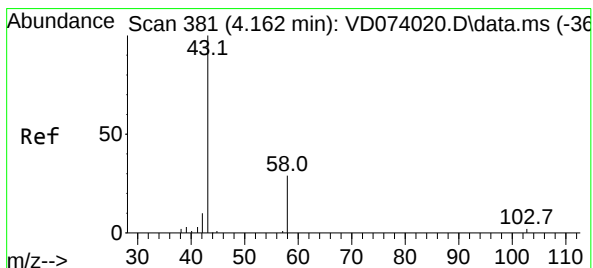
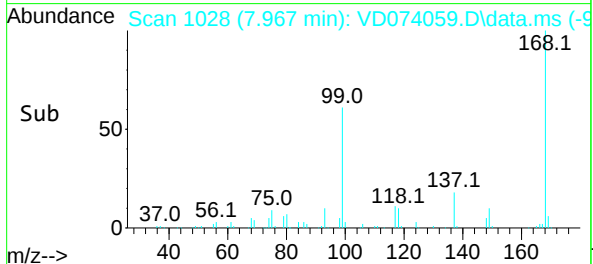
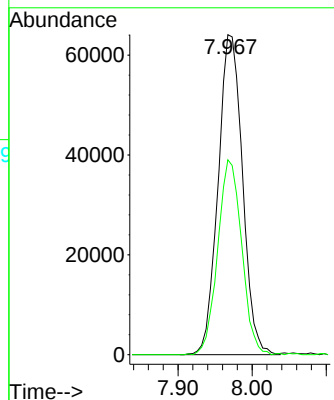
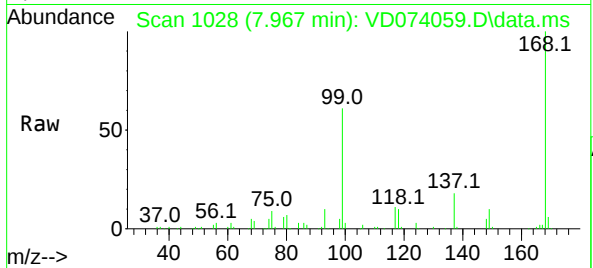




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

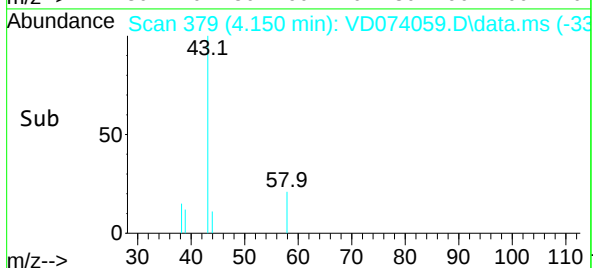
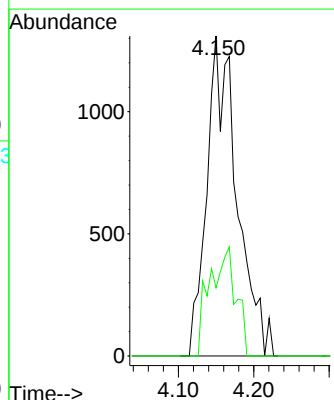
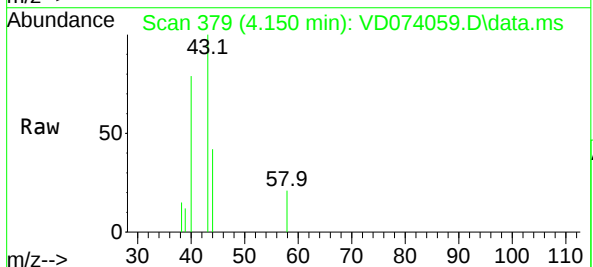
Instrument :
MSVOA_D
ClientSampleId :
TP2-2FTRE

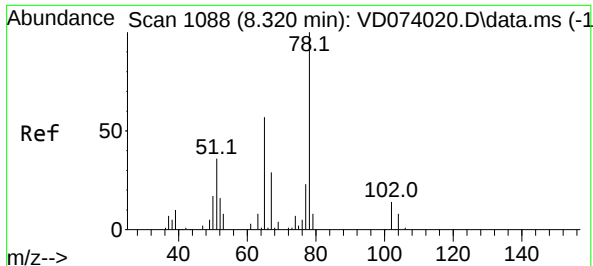
Tgt Ion:168 Resp: 146572
Ion Ratio Lower Upper
168 100
99 60.9 48.3 72.5



#16
Acetone
Concen: 15.597 ug/l m
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 21.3 22.8 34.2#

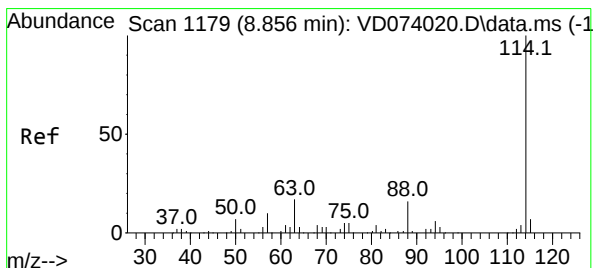
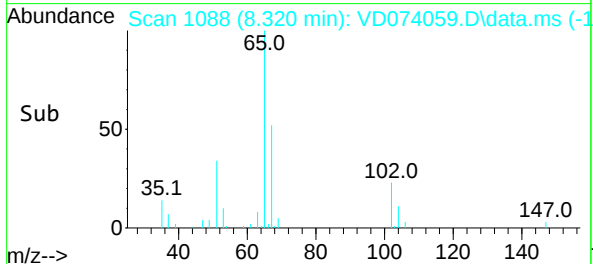
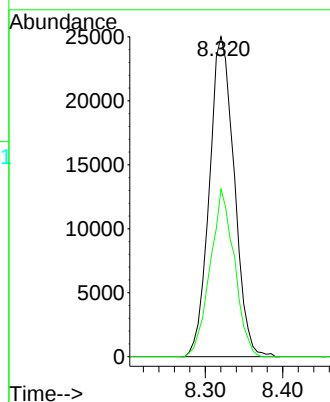
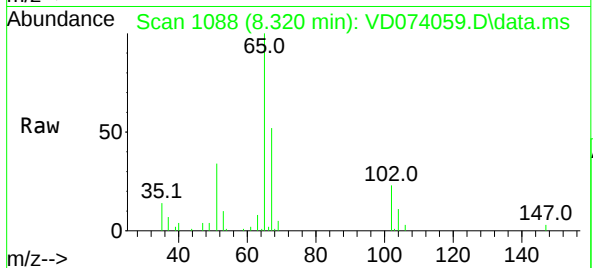




#33
1,2-Dichloroethane-d4
Concen: 47.787 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

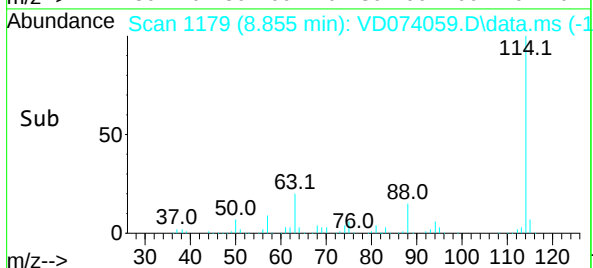
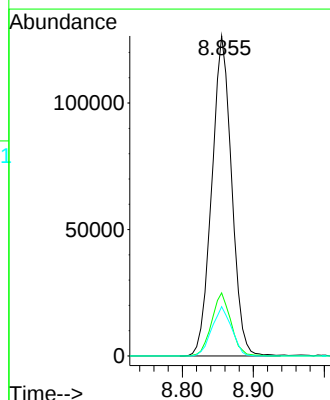
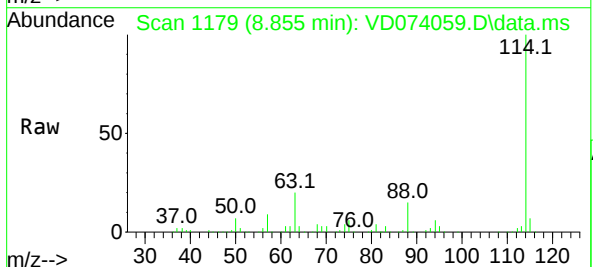
Instrument :
MSVOA_D
ClientSampleId :
TP2-2FTRE

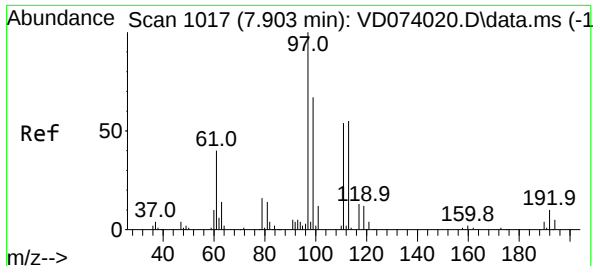
Tgt Ion: 65 Resp: 55615
Ion Ratio Lower Upper
65 100
67 51.0 0.0 113.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

Tgt Ion: 114 Resp: 245311
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 42.544 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074059.D

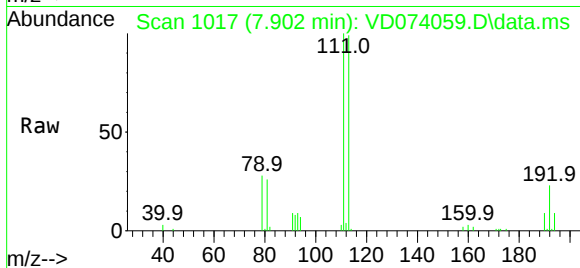
Acq: 12 Aug 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

TP2-2FTRE



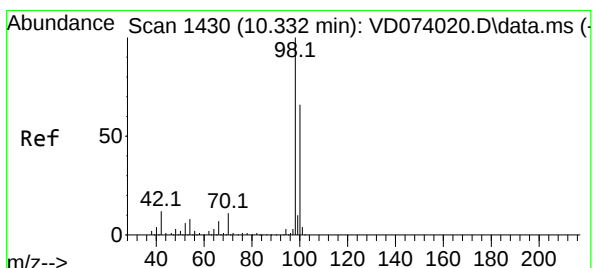
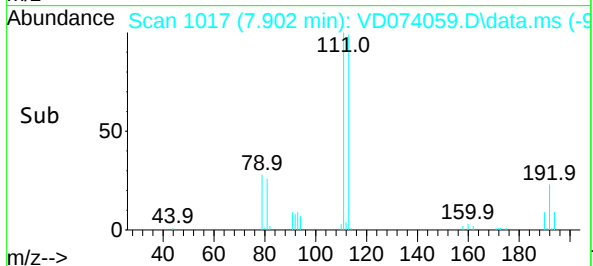
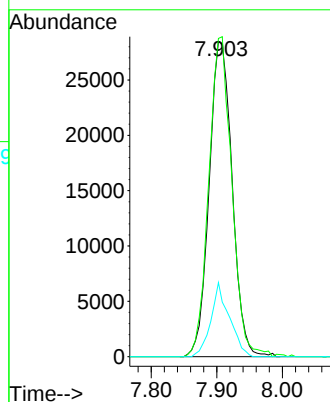
Tgt Ion:113 Resp: 69318

Ion Ratio Lower Upper

113 100

111 101.6 80.0 120.0

192 18.9 14.2 21.4



#50

Toluene-d8

Concen: 35.682 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074059.D

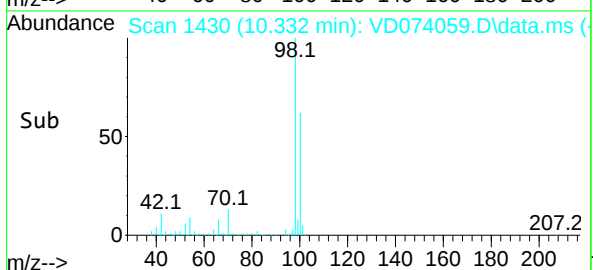
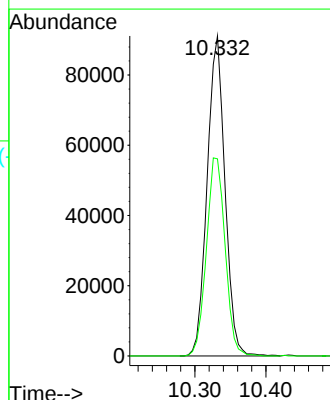
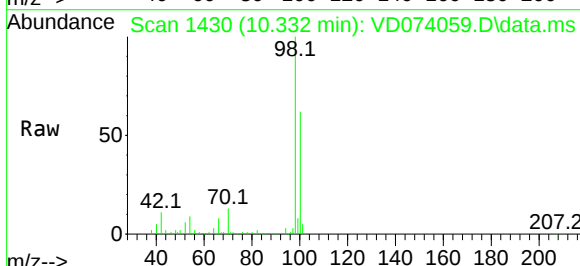
Acq: 12 Aug 2022 12:51

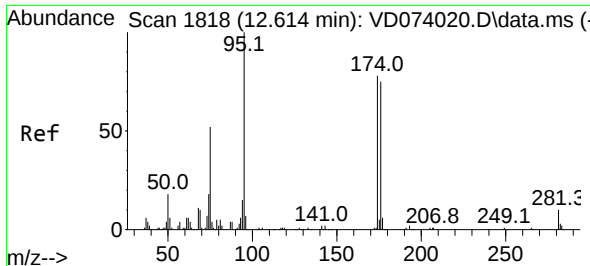
Tgt Ion: 98 Resp: 159004

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9

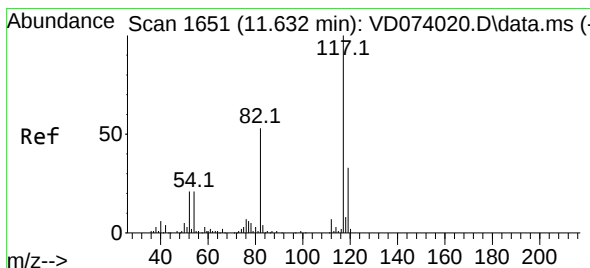
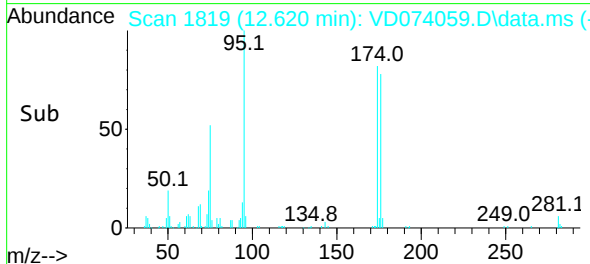
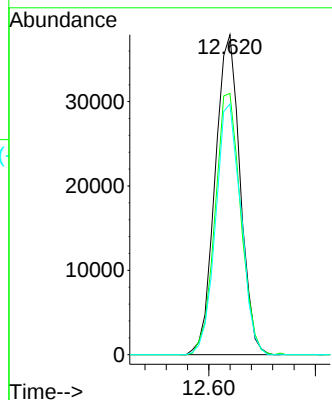
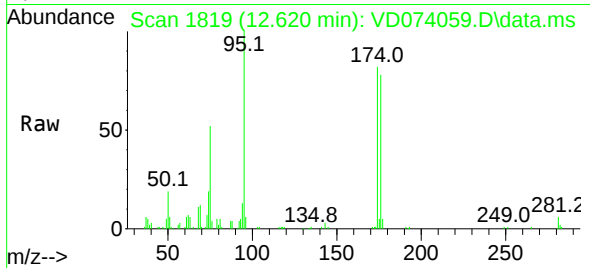




#62
4-Bromofluorobenzene
Concen: 30.834 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

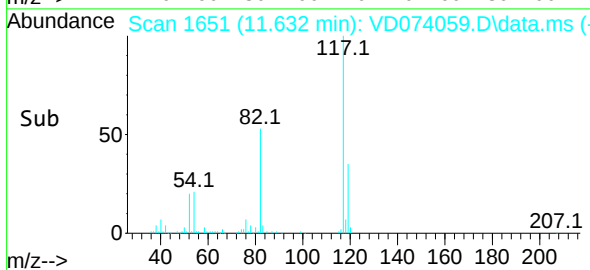
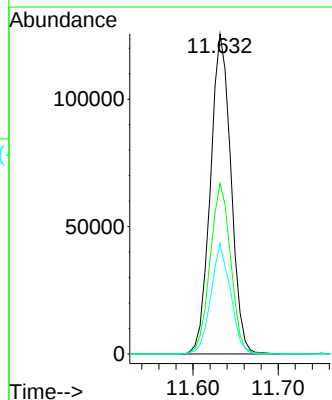
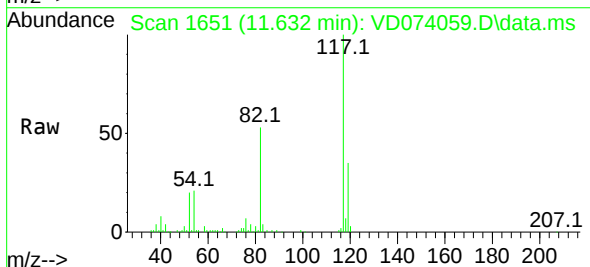
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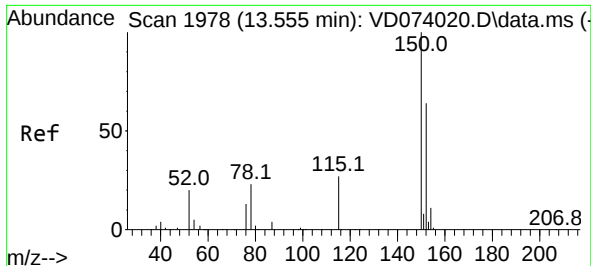
Tgt Ion: 95 Resp: 61782
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.6
176 79.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

Tgt Ion: 117 Resp: 210213
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 34.6 25.8 38.8

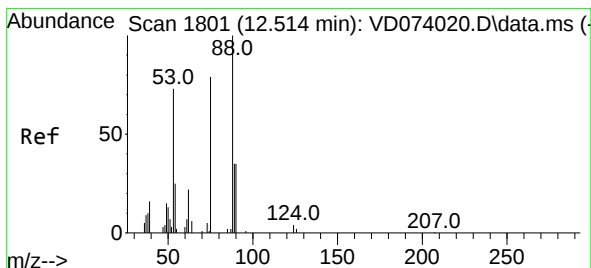
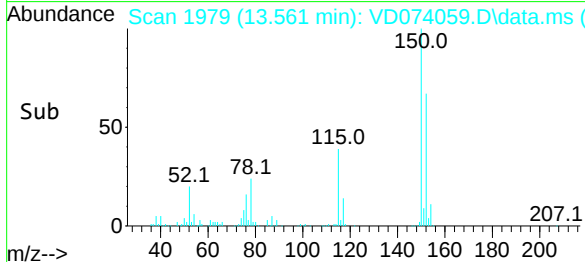
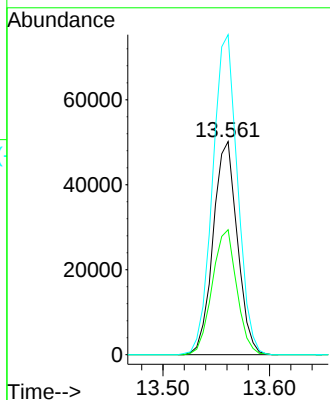
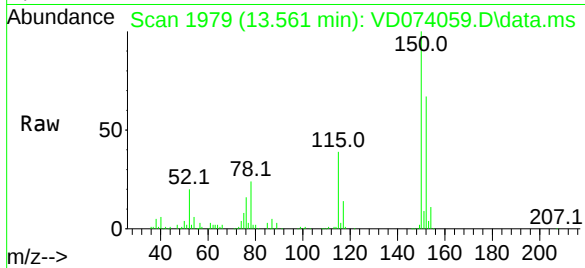




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

Instrument :
MSVOA_D
ClientSampleId :
TP2-2FTRE

Tgt Ion:152 Resp: 79114
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.8
150 154.3 0.0 342.8



#81
trans-1,4-Dichloro-2-butene
Concen: 125.634 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074059.D
Acq: 12 Aug 2022 12:51

Tgt Ion: 75 Resp: 34001
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.0 38.3 57.5#

