

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070581.D
 Acq On : 05 Oct 2021 19:34
 Operator : VA/SY
 Sample : M4041-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-1RE

Quant Time: Oct 06 09:24:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

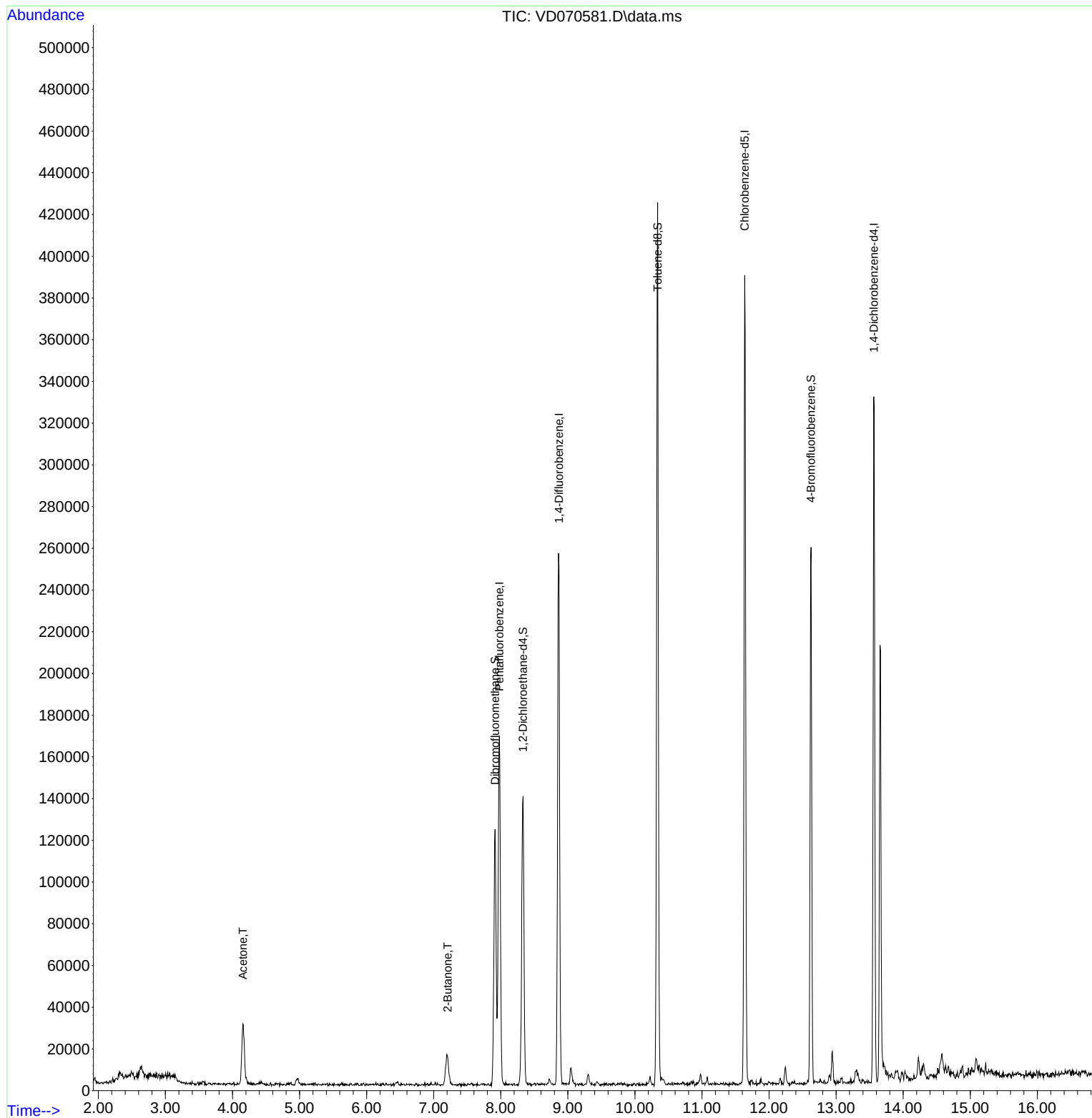
Internal Standards						
1) Pentafluorobenzene	7.979	168	120765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	228607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	231104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	90710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	111053	78.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.28%
35) Dibromofluoromethane	7.914	113	88698	58.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.72%
50) Toluene-d8	10.337	98	295817	50.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.82%
62) 4-Bromofluorobenzene	12.625	95	91762	47.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.50%
Target Compounds						
16) Acetone	4.155	43	49379	204.60	ug/l	96
25) 2-Butanone	7.208	43	10356	32.77	ug/l #	86

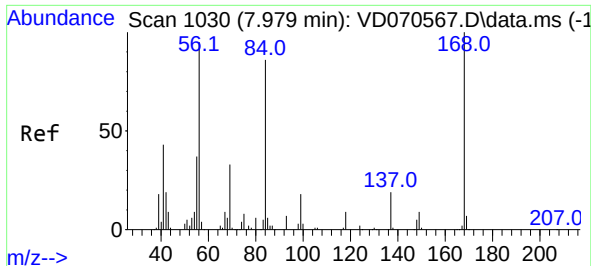
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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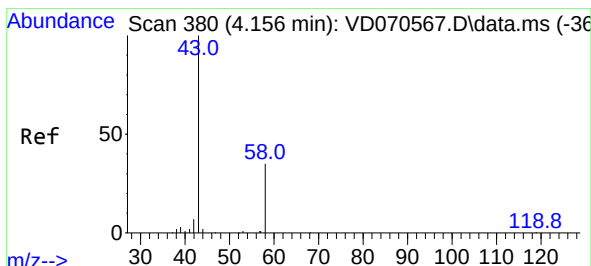
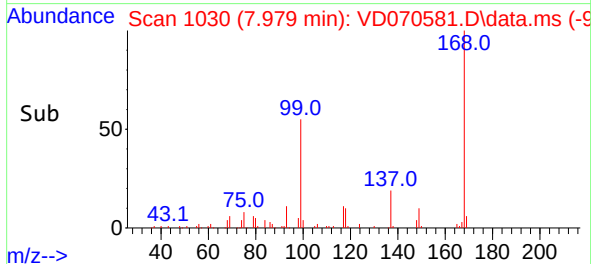
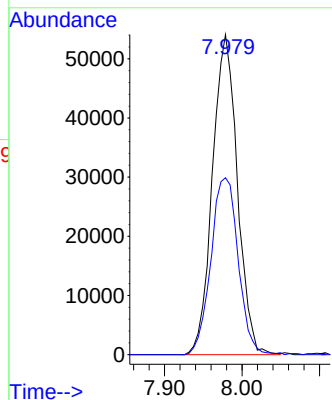
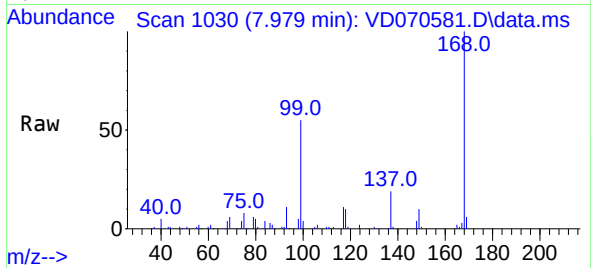




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

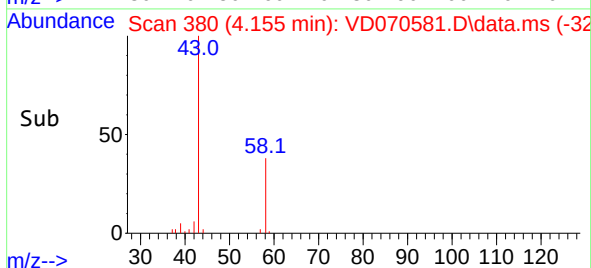
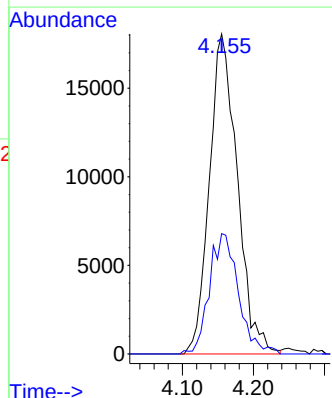
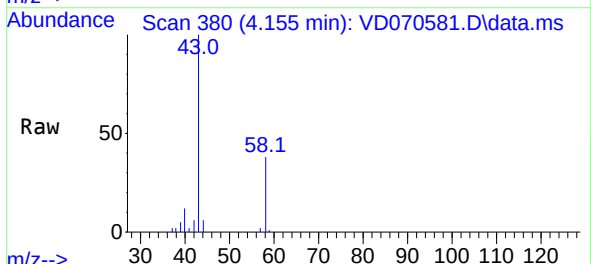
Instrument :
MSVOA_D
ClientSampleId :
N-1RE

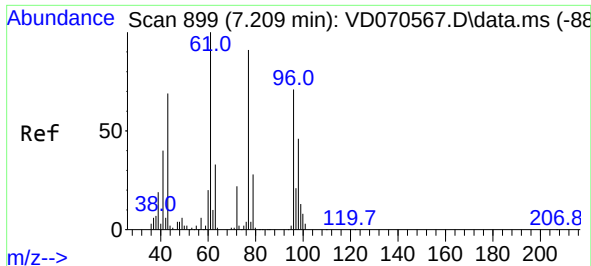
Tgt Ion:168 Resp: 120765
Ion Ratio Lower Upper
168 100
99 55.3 51.4 77.0



#16
Acetone
Concen: 204.60 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

Tgt Ion: 43 Resp: 49379
Ion Ratio Lower Upper
43 100
58 37.6 28.2 42.2





#25

2-Butanone

Concen: 32.77 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070581.D

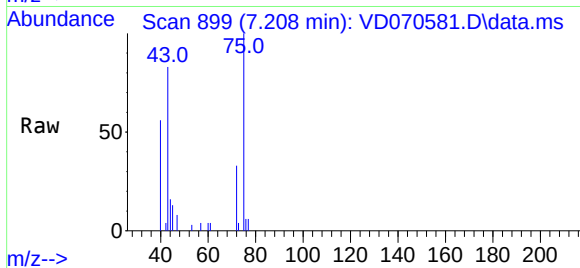
Acq: 05 Oct 2021 19:34

Instrument :

MSVOA_D

ClientSampleId :

N-1RE

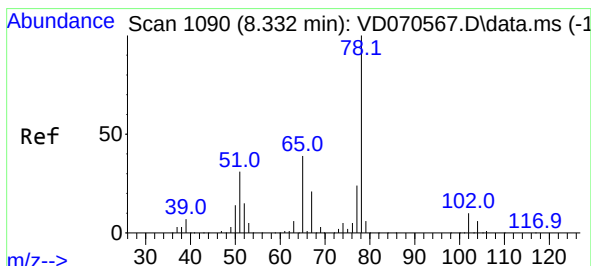
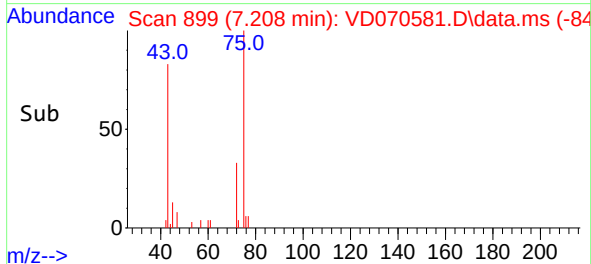
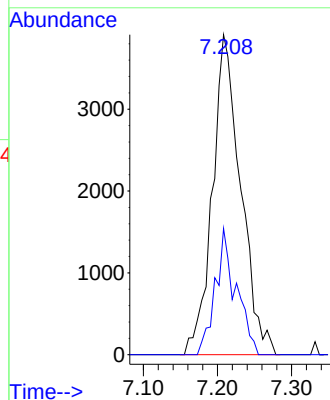


Tgt Ion: 43 Resp: 10356

Ion Ratio Lower Upper

43 100

72 39.5 25.2 37.8#



#33

1,2-Dichloroethane-d4

Concen: 78.14 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD070581.D

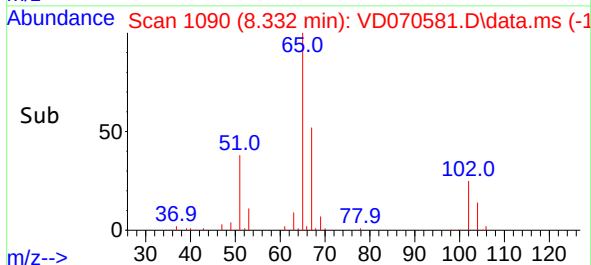
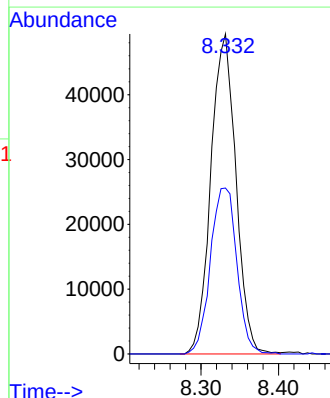
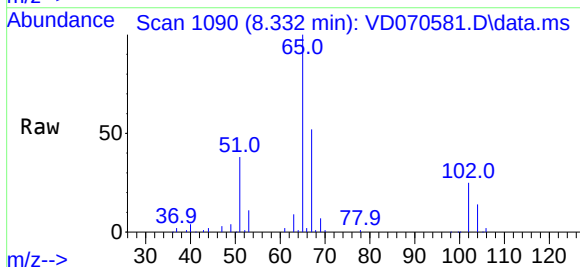
Acq: 05 Oct 2021 19:34

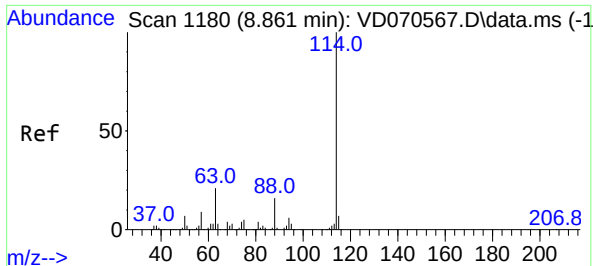
Tgt Ion: 65 Resp: 111053

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.005 min

Lab File: VD070581.D

Acq: 05 Oct 2021 19:34

Instrument :

MSVOA_D

ClientSampleId :

N-1RE

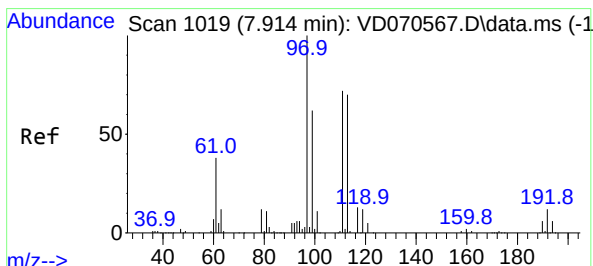
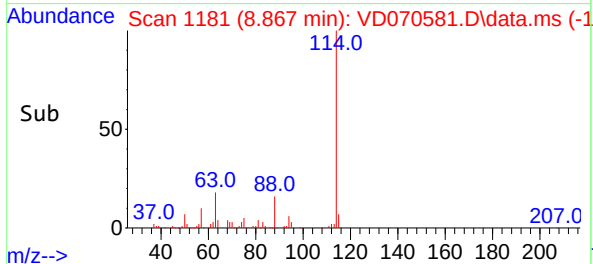
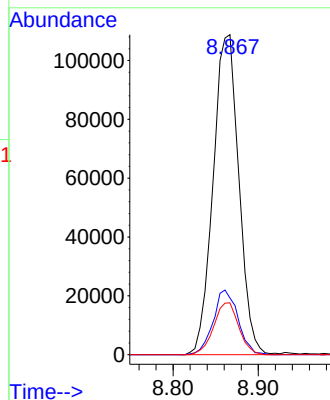
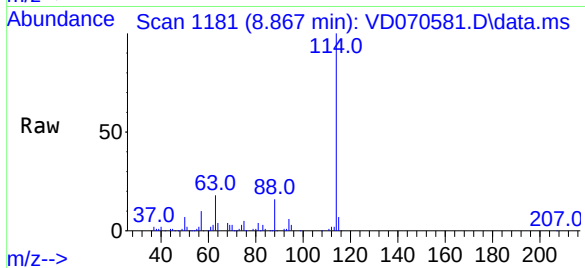
Tgt Ion:114 Resp: 228607

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.8

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 58.36 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070581.D

Acq: 05 Oct 2021 19:34

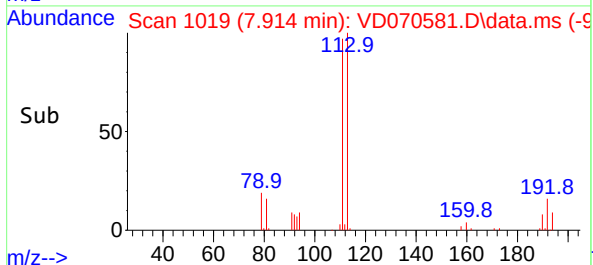
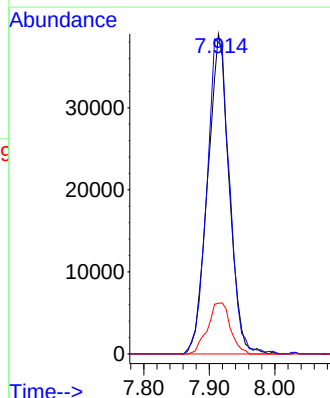
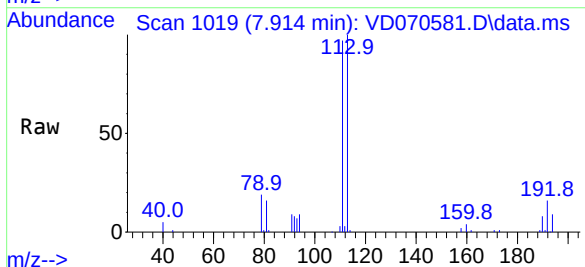
Tgt Ion:113 Resp: 88698

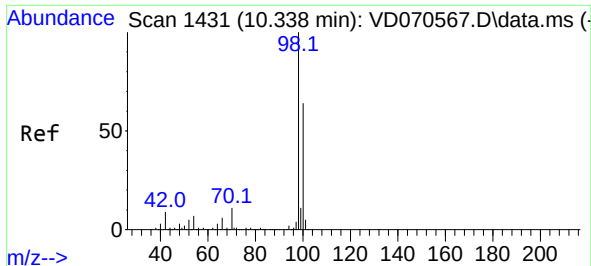
Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 16.8 12.7 19.1

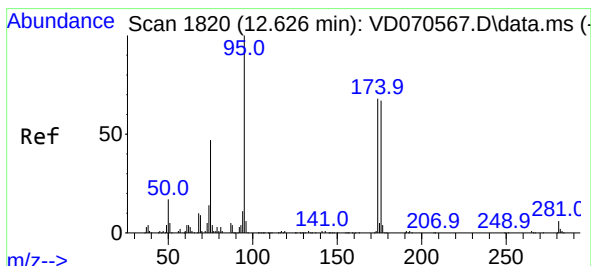
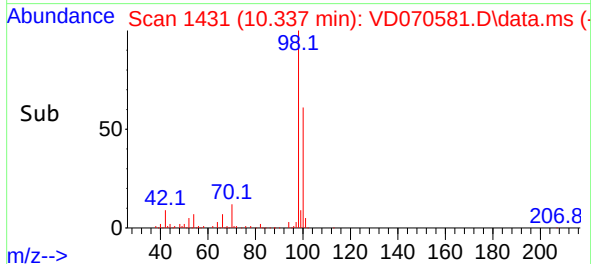
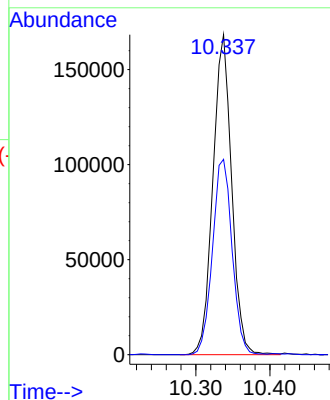
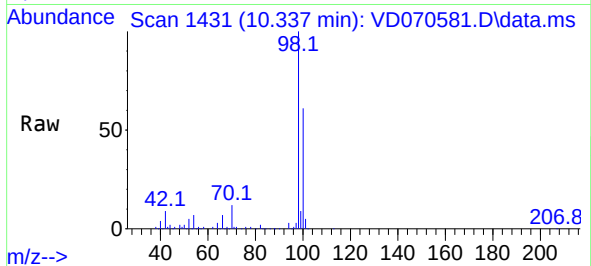




#50
Toluene-d8
Concen: 50.91 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

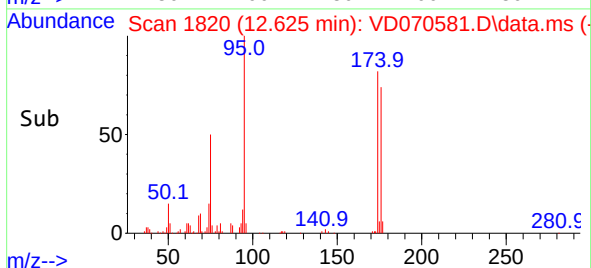
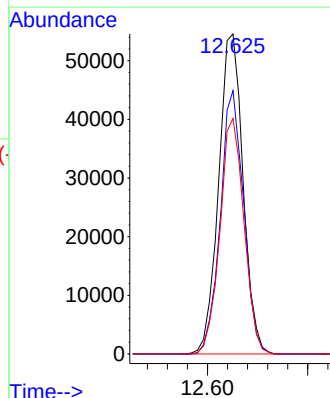
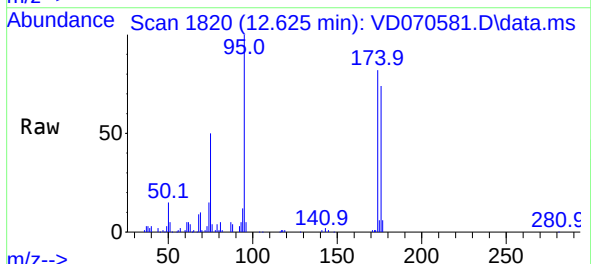
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MSVOA_D
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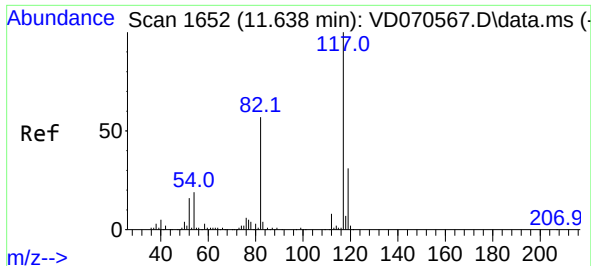
Tgt Ion: 98 Resp: 295817
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.25 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

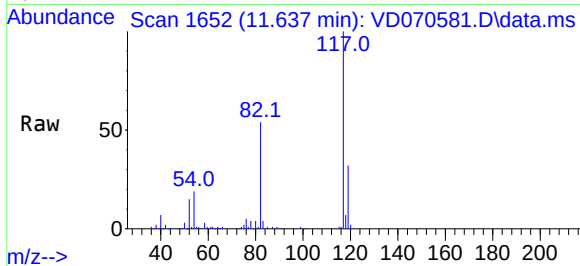
Tgt Ion: 95 Resp: 91762
Ion Ratio Lower Upper
95 100
174 78.9 0.0 138.0
176 72.6 0.0 135.6



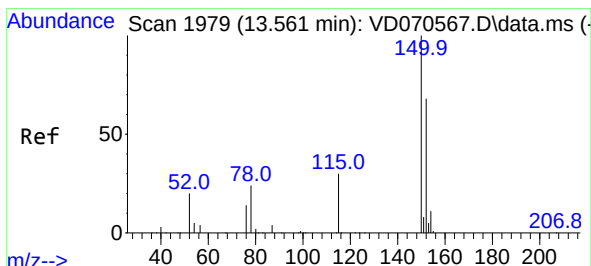
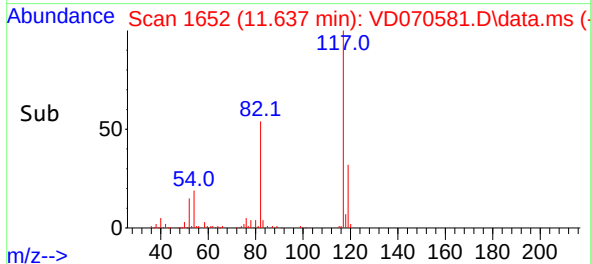
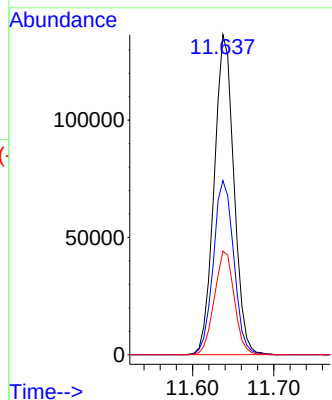


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

Instrument :
MSVOA_D
ClientSampleId :
N-1RE



Tgt Ion:117 Resp: 231104
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.2
119 32.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070581.D
Acq: 05 Oct 2021 19:34

Tgt Ion:152 Resp: 90710
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.7
150 160.5 0.0 350.0

