

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069696.D
 Acq On : 14 Jul 2021 19:05
 Operator : VA/SY
 Sample : M3002-01
 Misc : 3.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-F

Quant Time: Jul 15 03:32:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

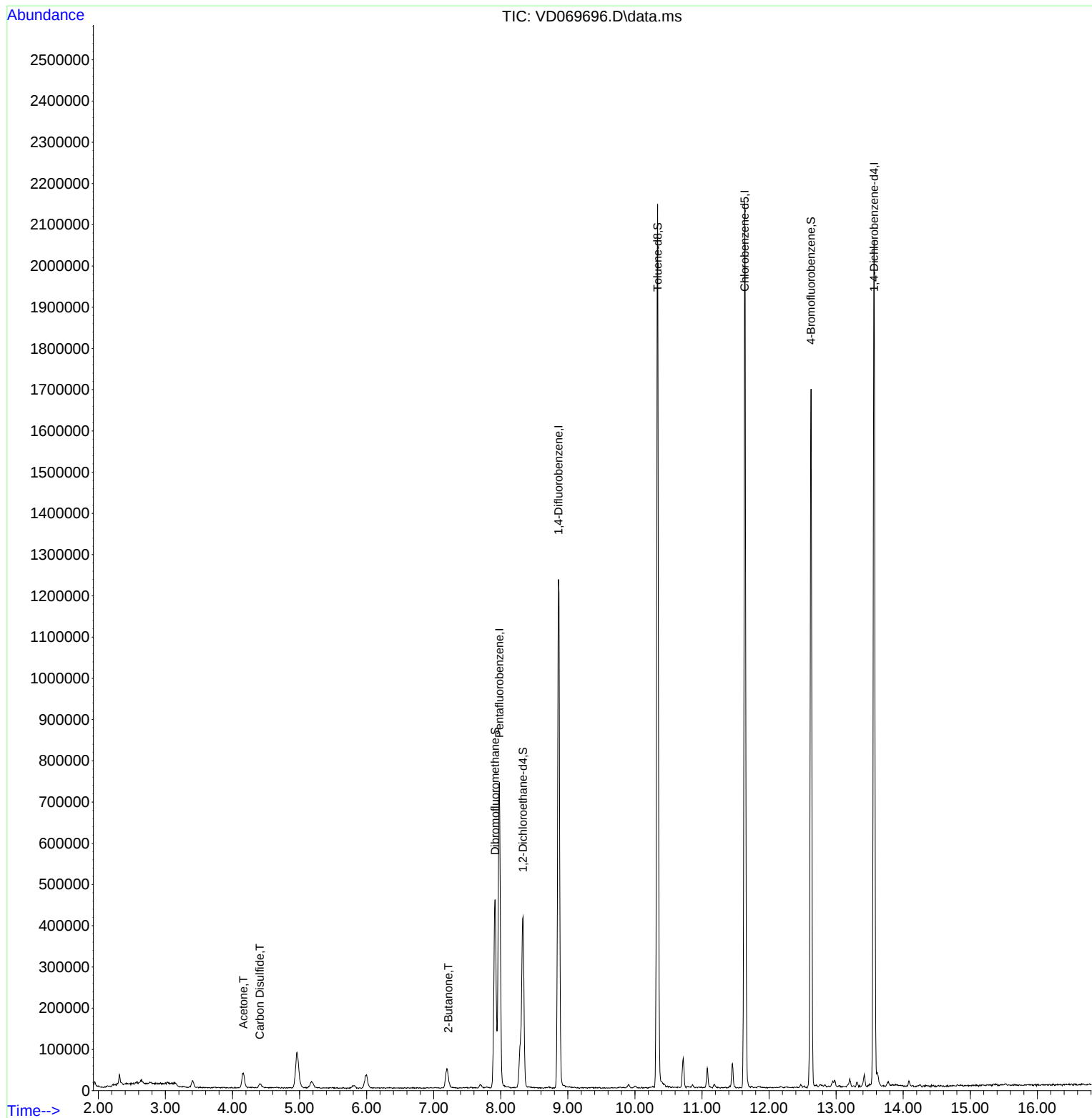
Internal Standards						
1) Pentafluorobenzene	7.979	168	516186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1067331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1204934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	539870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	328299	50.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.914	113	348348	48.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.300%
50) Toluene-d8	10.338	98	1426600	51.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.626	95	557622	60.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.200%
Target Compounds					Qvalue	
16) Acetone	4.161	43	66425	58.129	ug/l	92
17) Carbon Disulfide	4.409	76	18762	1.372	ug/l #	94
25) 2-Butanone	7.220	43	14754	9.685	ug/l	95

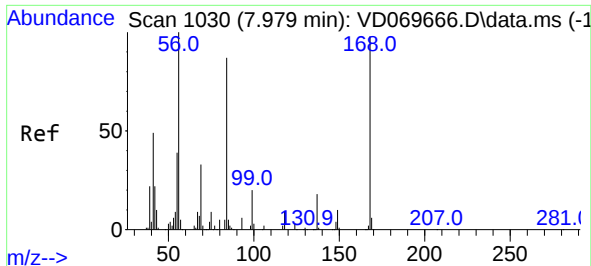
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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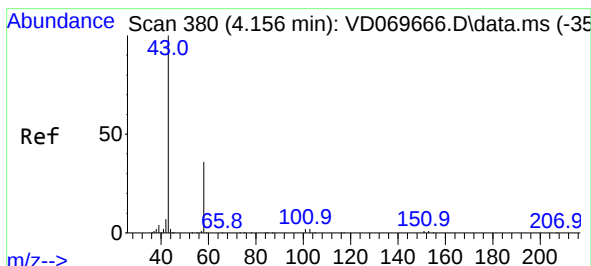
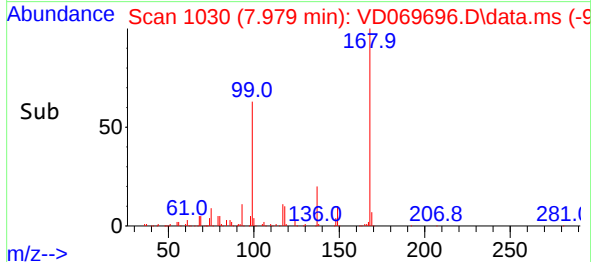
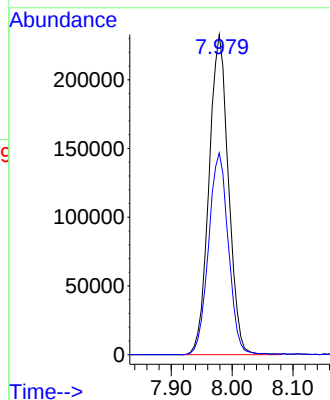
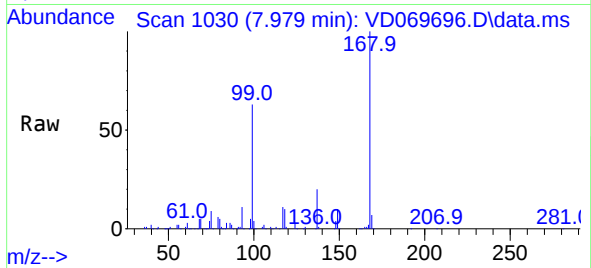




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

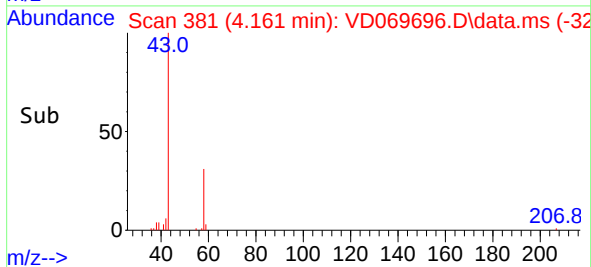
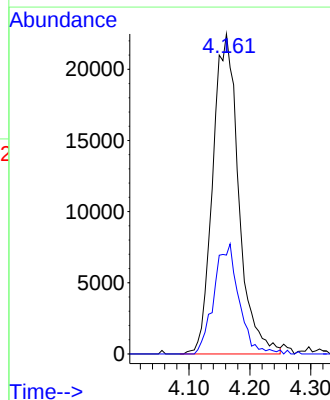
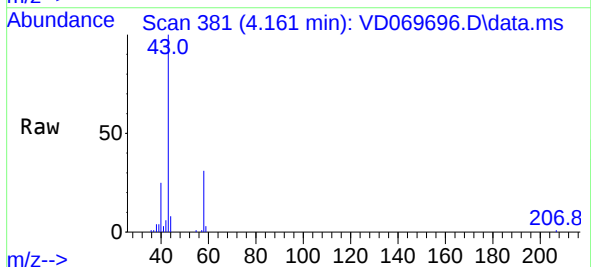
Instrument :
MSVOA_D
ClientSampleId :
TP-F

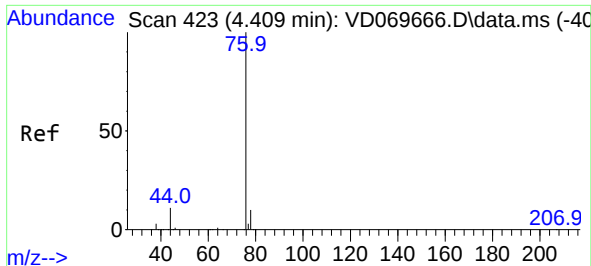
Tgt Ion:168 Resp: 516186
Ion Ratio Lower Upper
168 100
99 63.1 51.8 77.6



#16
Acetone
Concen: 58.129 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

Tgt Ion: 43 Resp: 66425
Ion Ratio Lower Upper
43 100
58 30.9 28.6 42.8

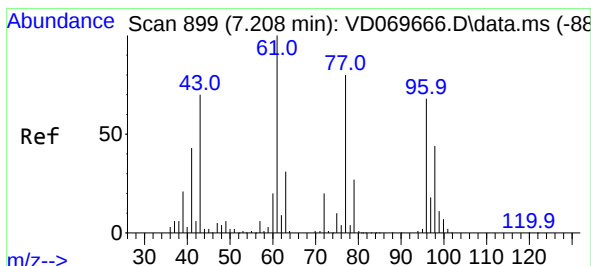
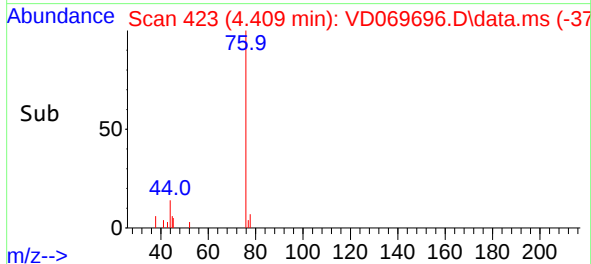
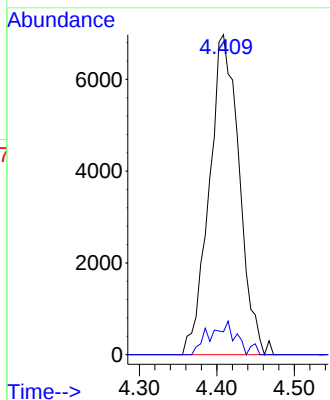
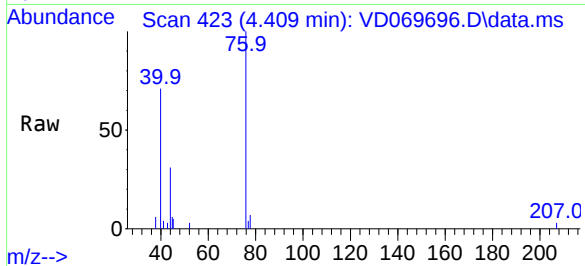




#17
Carbon Disulfide
Concen: 1.372 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

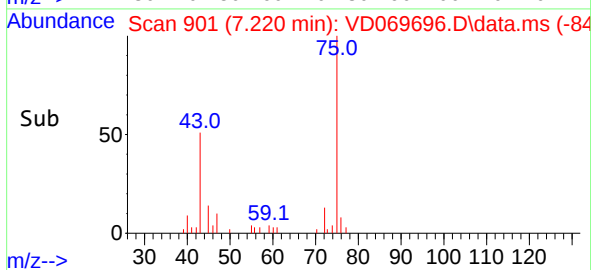
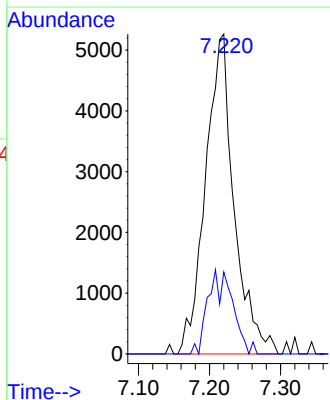
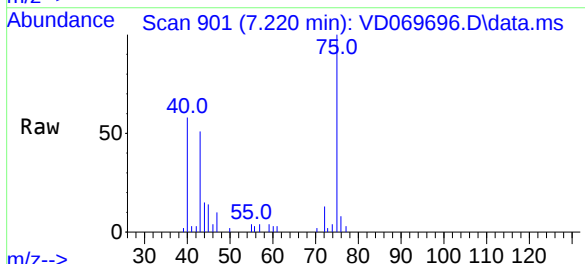
Instrument :
MSVOA_D
ClientSampled :
TP-F

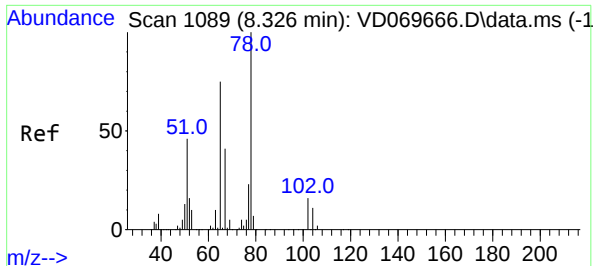
Tgt Ion: 76 Resp: 18762
Ion Ratio Lower Upper
76 100
78 7.2 7.6 11.4#



#25
2-Butanone
Concen: 9.685 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

Tgt Ion: 43 Resp: 14754
Ion Ratio Lower Upper
43 100
72 25.6 22.6 33.8

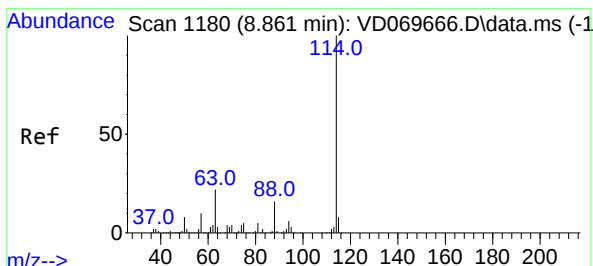
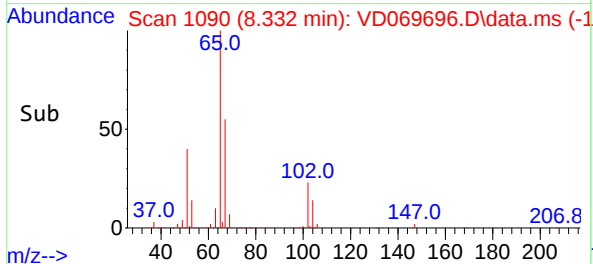
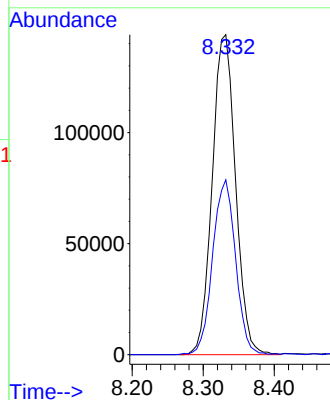
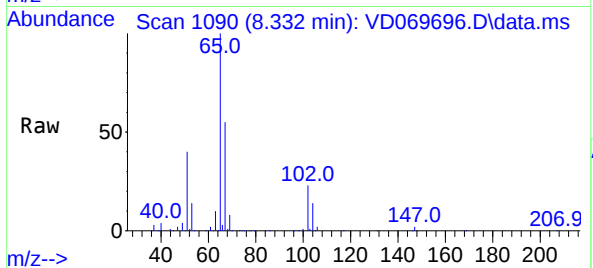




#33
1,2-Dichloroethane-d4
Concen: 50.937 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

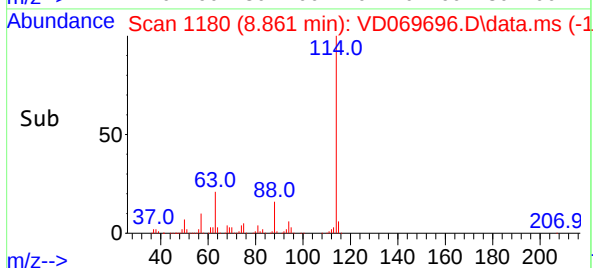
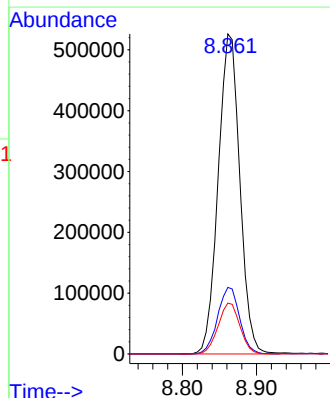
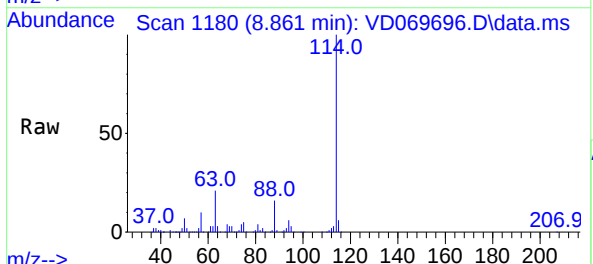
Instrument :
MSVOA_D
ClientSampled :
TP-F

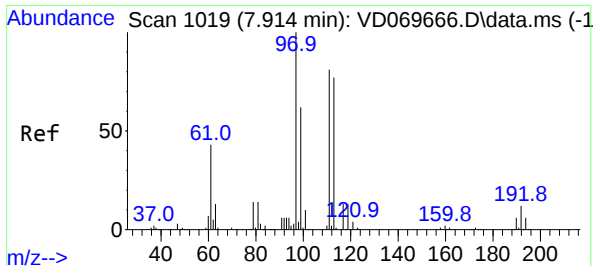
Tgt Ion: 65 Resp: 328299
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

Tgt Ion:114 Resp: 1067331
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 15.9 0.0 32.0

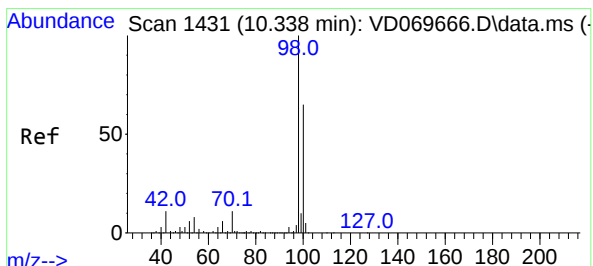
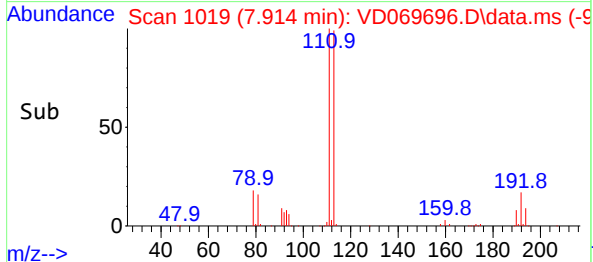
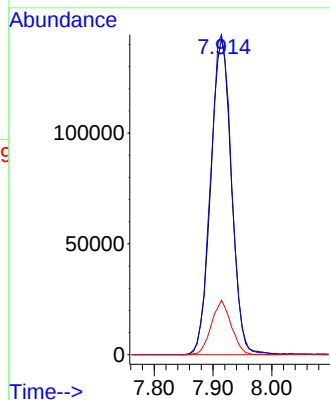
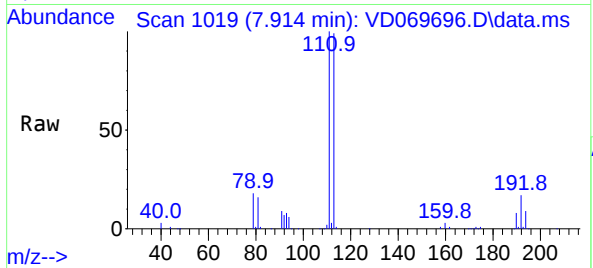




#35
Dibromofluoromethane
Concen: 48.648 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

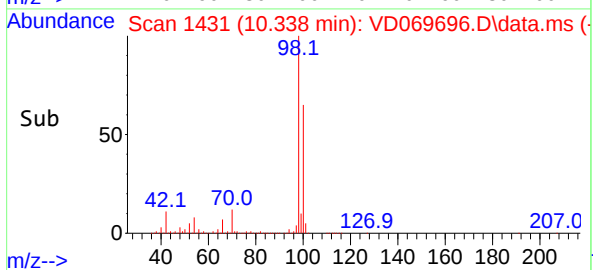
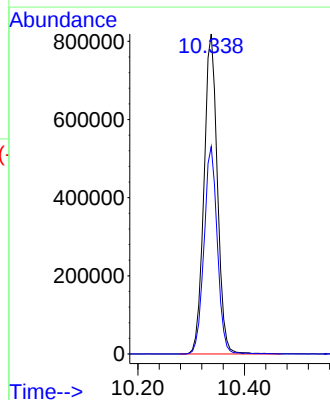
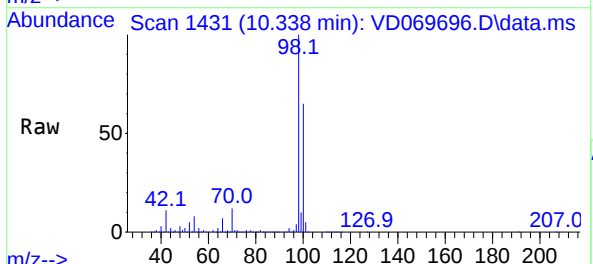
Instrument :
MSVOA_D
ClientSampleId :
TP-F

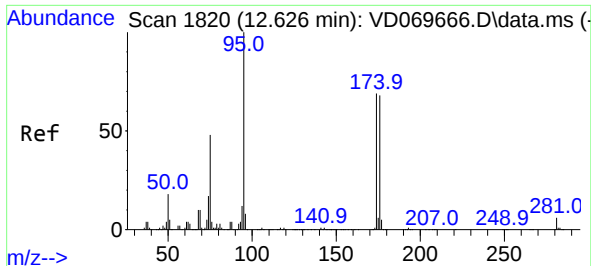
Tgt Ion:113 Resp: 348348
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.5 12.7 19.1



#50
Toluene-d8
Concen: 51.282 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

Tgt Ion: 98 Resp: 1426600
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2

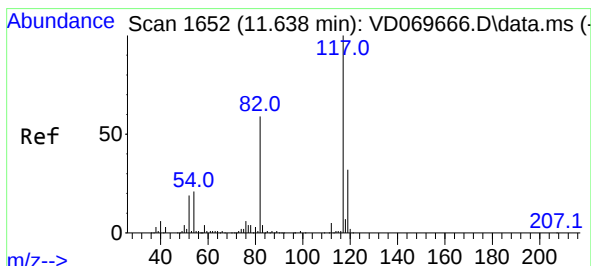
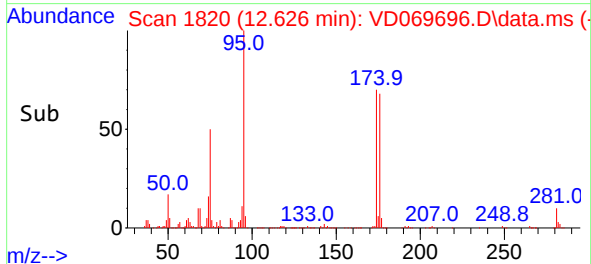
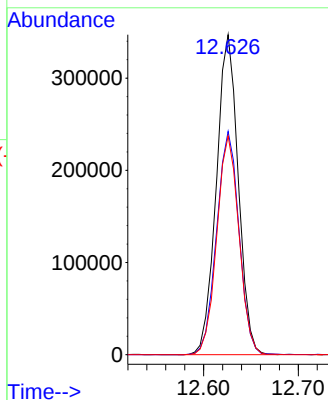
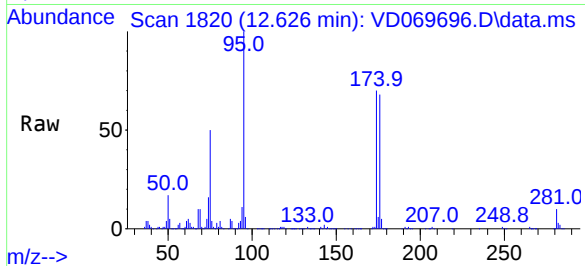




#62
4-Bromofluorobenzene
Concen: 60.103 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

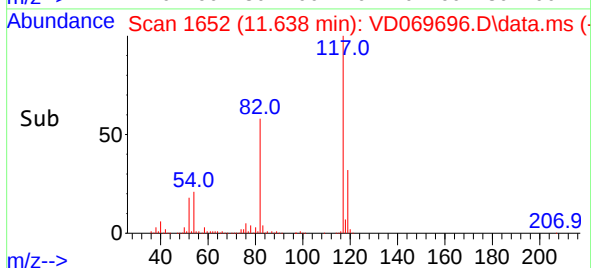
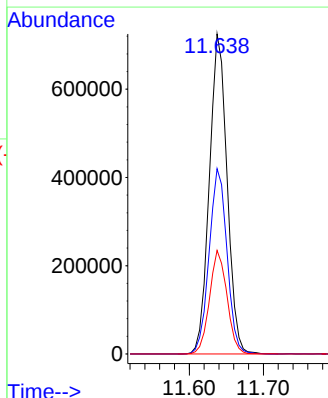
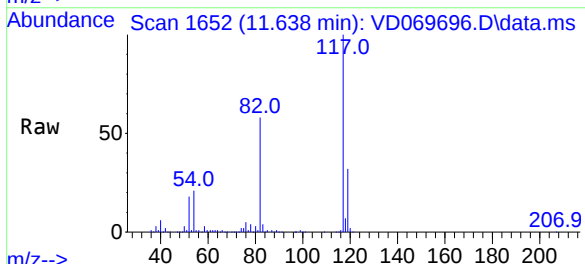
Instrument :
MSVOA_D
ClientSampled :
TP-F

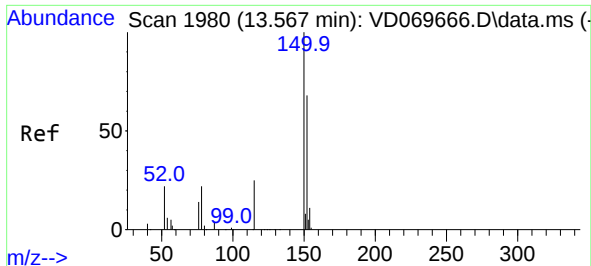
Tgt Ion: 95 Resp: 557622
Ion Ratio Lower Upper
95 100
174 71.5 0.0 140.0
176 69.0 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069696.D
Acq: 14 Jul 2021 19:05

Tgt Ion: 117 Resp: 1204934
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069696.D
 Acq: 14 Jul 2021 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-F

Tgt Ion:152 Resp: 539870

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.7	95.1
150	157.9	0.0	350.4

