

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070819.D
 Acq On : 22 Oct 2021 12:25
 Operator : VA/SY
 Sample : M4298-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-102021RE

Quant Time: Oct 23 04:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

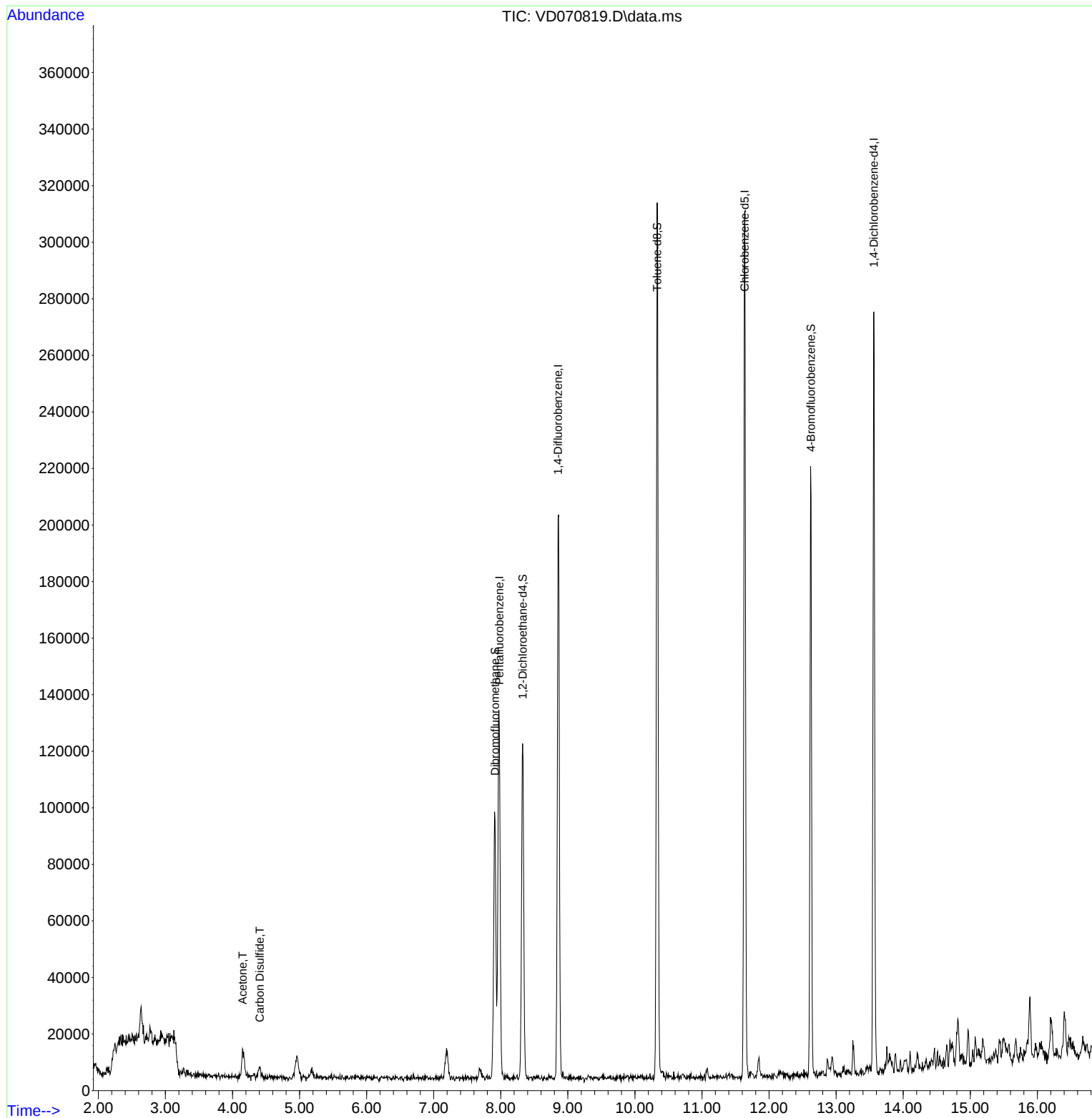
Internal Standards						
1) Pentafluorobenzene	7.979	168	91319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	159916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	170787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	70256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	96704	89.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.820%#	
35) Dibromofluoromethane	7.914	113	66746	65.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.360%	
50) Toluene-d8	10.332	98	207018	52.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.626	95	73391	54.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.600%	
Target Compounds						
16) Acetone	4.150	43	16973	65.061	ug/l #	75
17) Carbon Disulfide	4.409	76	6812	1.883	ug/l	97

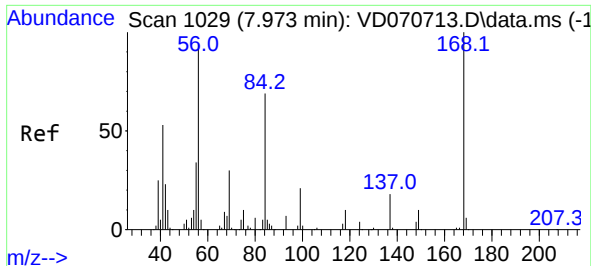
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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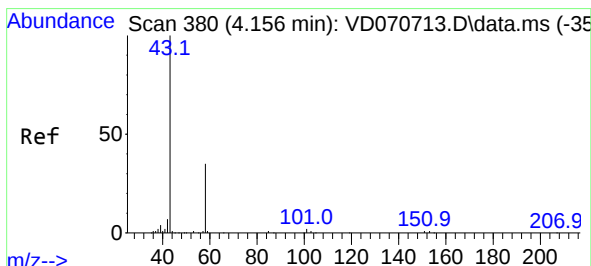
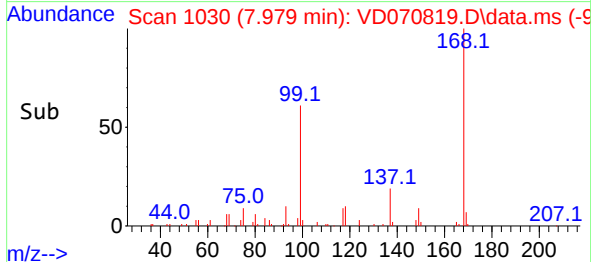
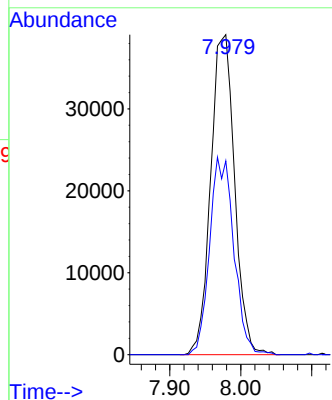
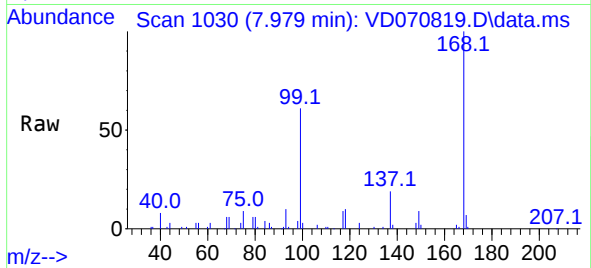




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

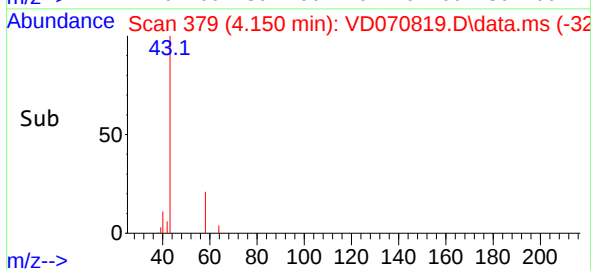
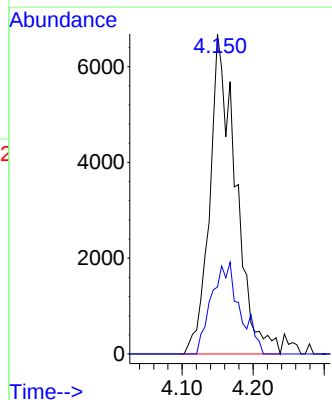
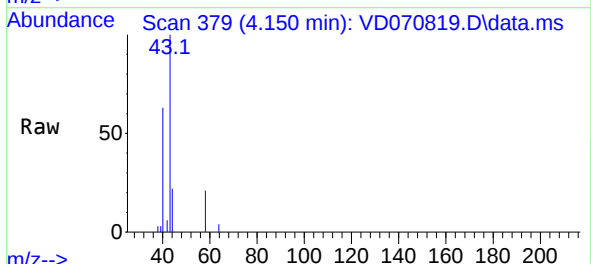
Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021RE

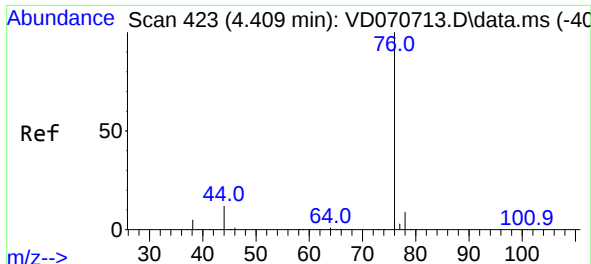
Tgt Ion:168 Resp: 91319
Ion Ratio Lower Upper
168 100
99 60.6 51.4 77.0



#16
Acetone
Concen: 65.061 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Tgt Ion: 43 Resp: 16973
Ion Ratio Lower Upper
43 100
58 20.9 28.2 42.2#

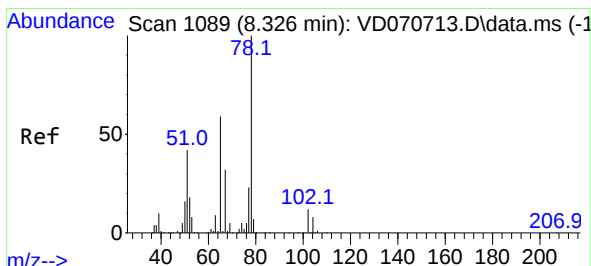
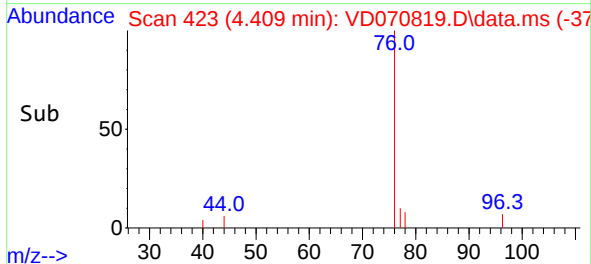
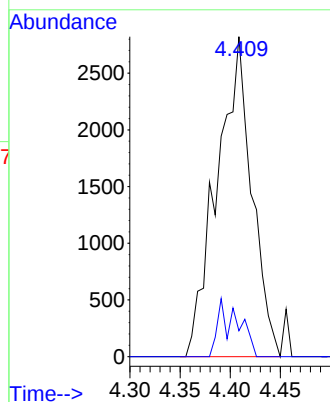
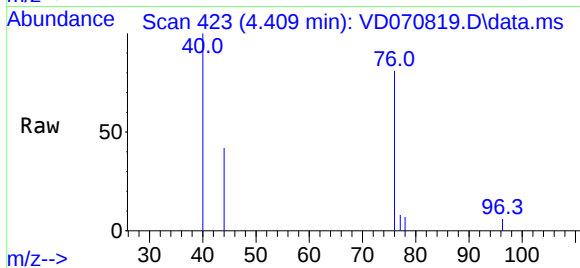




#17
Carbon Disulfide
Concen: 1.883 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

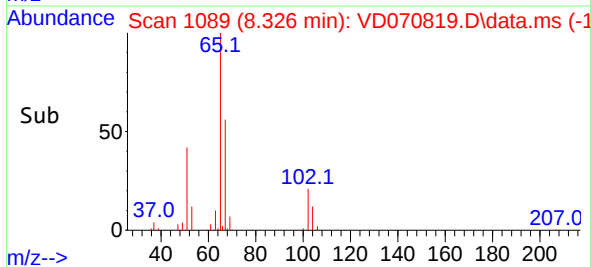
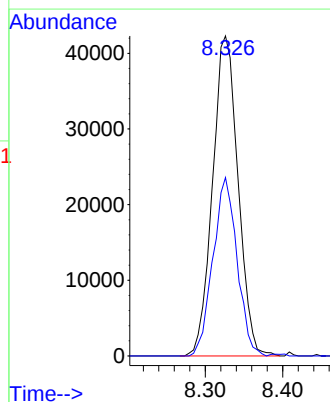
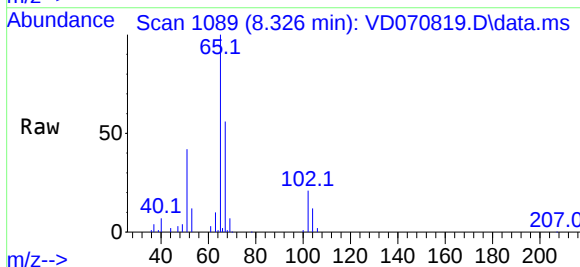
Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021RE

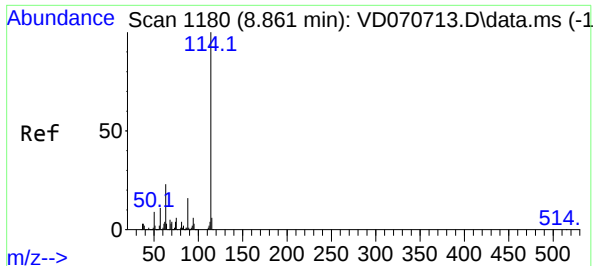
Tgt Ion: 76 Resp: 6812
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 89.407 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Tgt Ion: 65 Resp: 96704
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.2





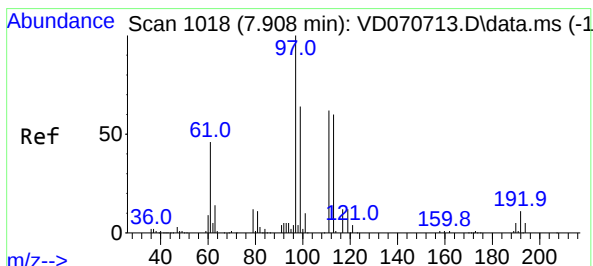
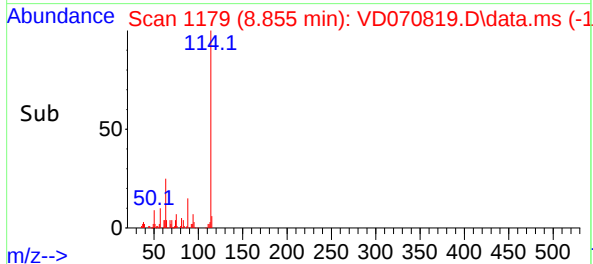
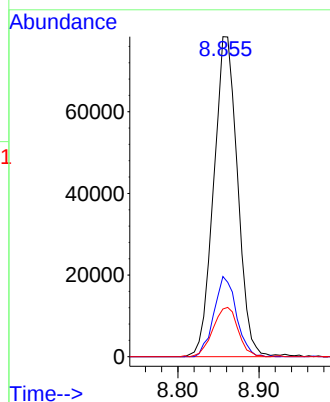
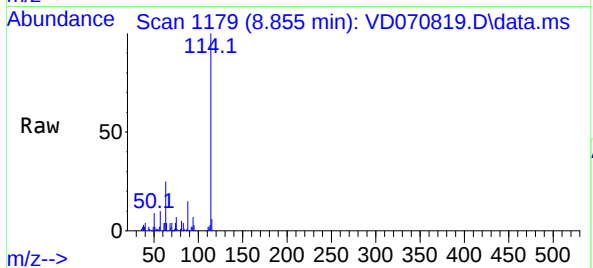
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021RE

Tgt Ion:114 Resp: 159916

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	41.8
88	14.9	0.0	32.6

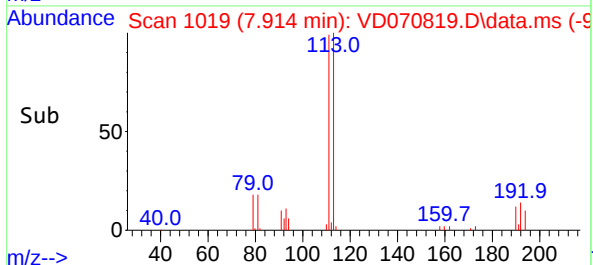
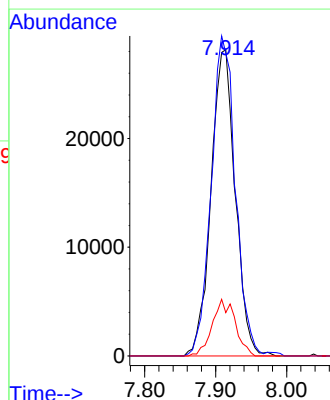
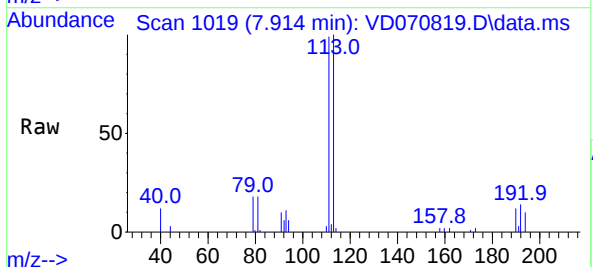


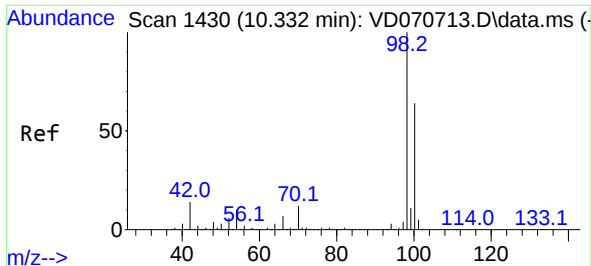
#35

Dibromofluoromethane
Concen: 65.185 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Tgt Ion:113 Resp: 66746

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	17.5	12.7	19.1

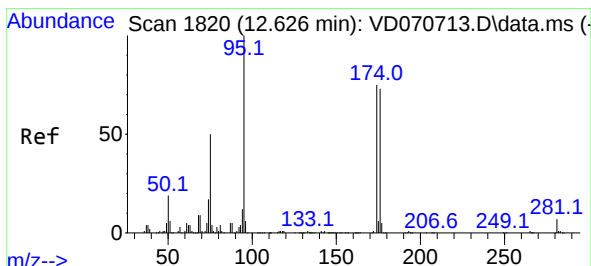
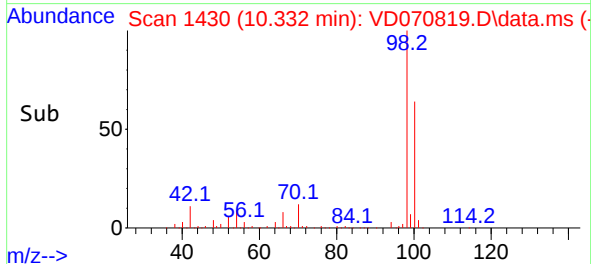
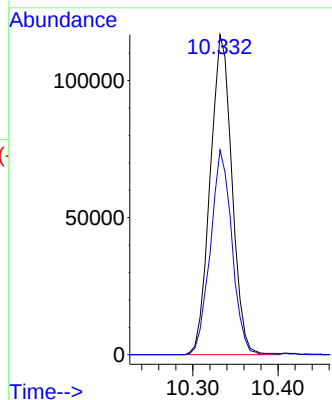
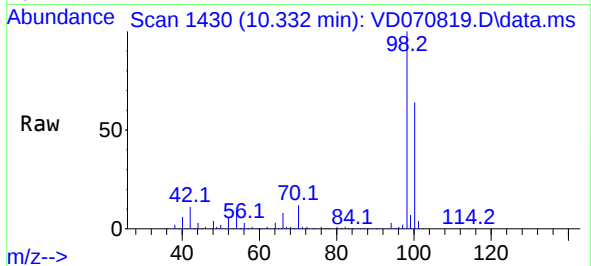




#50
Toluene-d8
Concen: 52.741 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

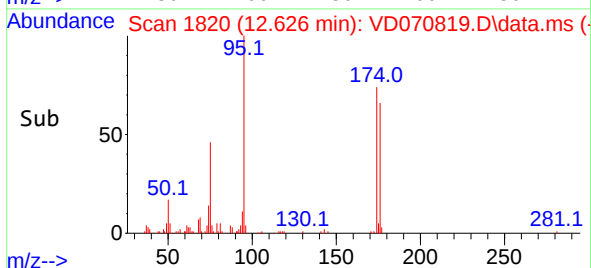
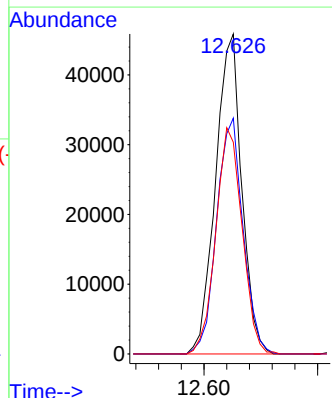
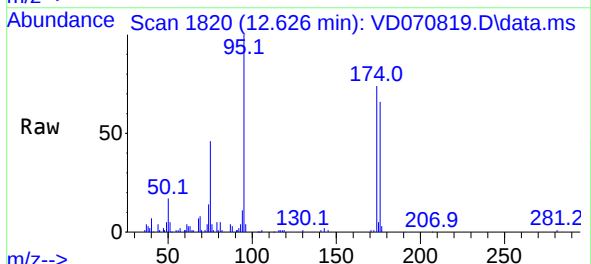
Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021RE

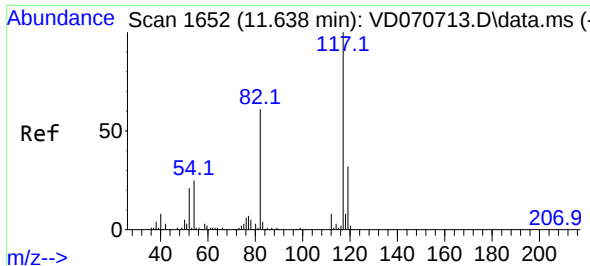
Tgt Ion: 98 Resp: 207018
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.301 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Tgt Ion: 95 Resp: 73391
Ion Ratio Lower Upper
95 100
174 74.5 0.0 138.0
176 71.2 0.0 135.6



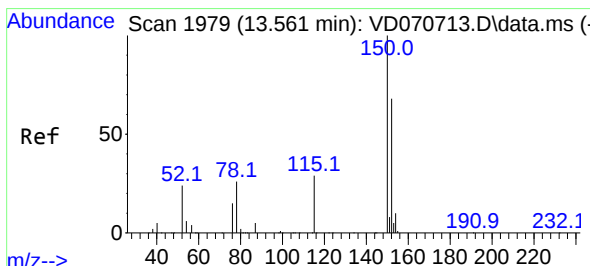
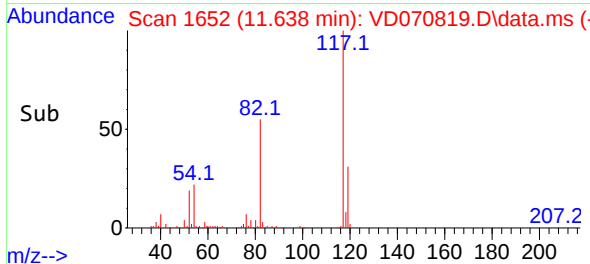
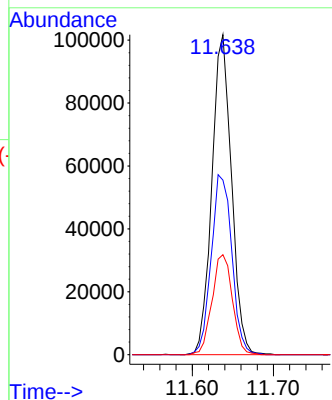
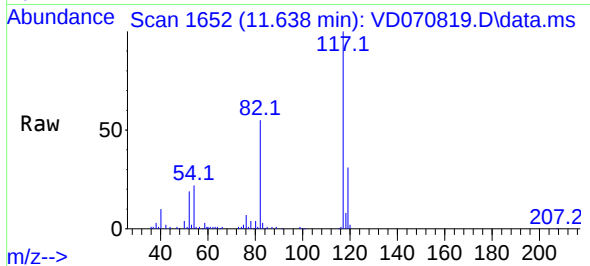


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021RE

Tgt Ion:117 Resp: 170787

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.2
119	31.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070819.D
Acq: 22 Oct 2021 12:25

Tgt Ion:152 Resp: 70256

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.9	95.7
150	149.7	0.0	350.0

