

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068975.D
 Acq On : 23 Apr 2021 18:50
 Operator : VA/SY
 Sample : M2149-16
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40-9.5-10.0-DUP

Quant Time: Apr 26 09:52:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

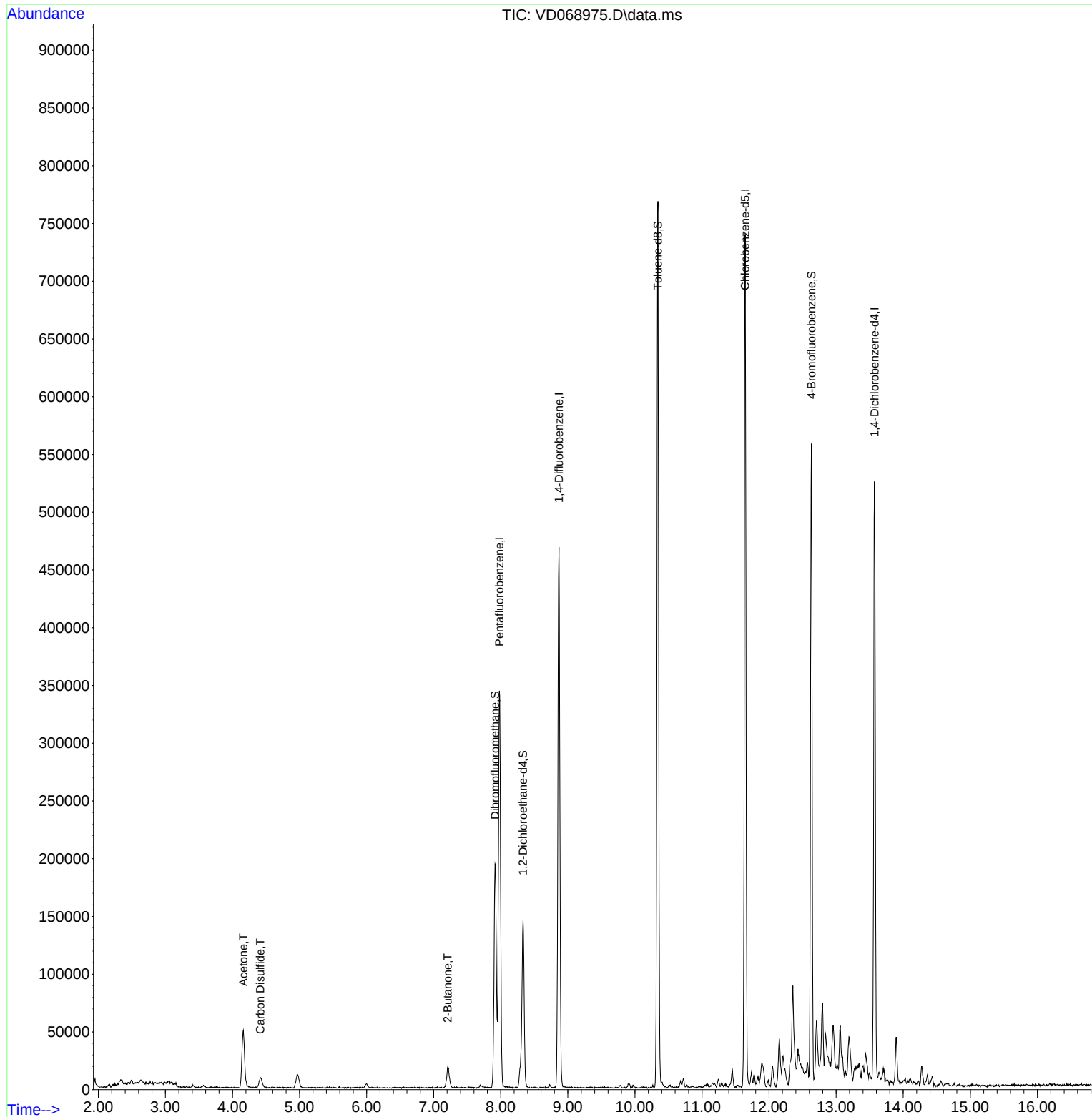
Internal Standards						
1) Pentafluorobenzene	7.979	168	265434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	437134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	450485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	149737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	113366	40.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.82%
35) Dibromofluoromethane	7.914	113	141912	49.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.82%
50) Toluene-d8	10.343	98	538842	50.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.48%
62) 4-Bromofluorobenzene	12.632	95	173828	48.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.60%
Target Compounds						
16) Acetone	4.161	43	83462	214.85	ug/l	94
17) Carbon Disulfide	4.414	76	14786	1.72	ug/l	99
25) 2-Butanone	7.208	43	24110	43.86	ug/l	93

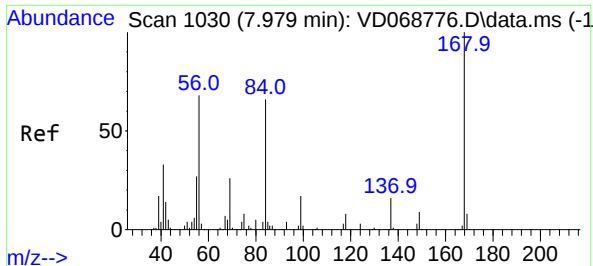
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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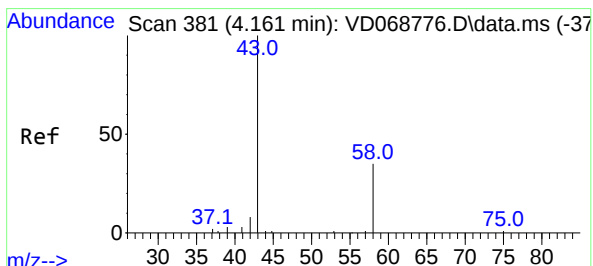
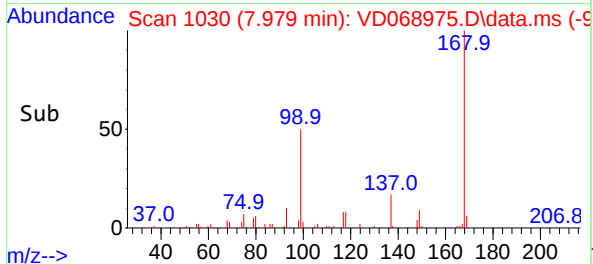
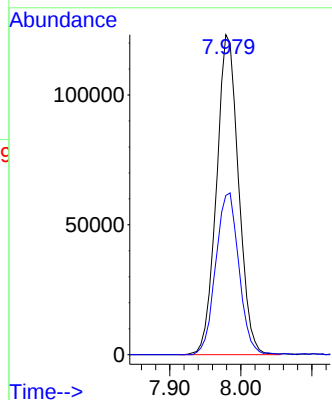
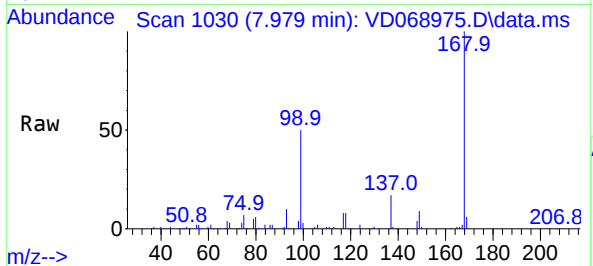




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

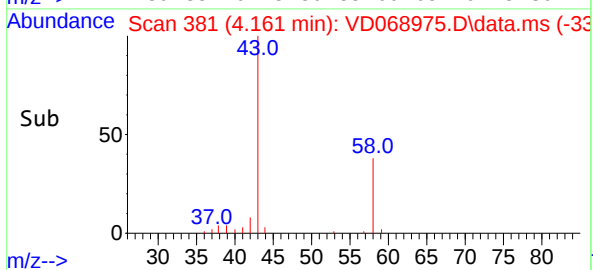
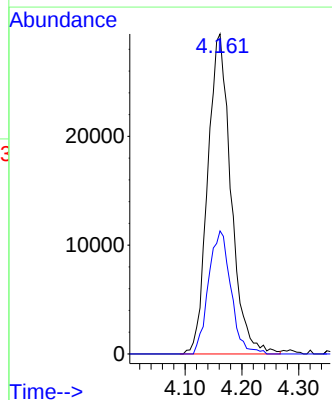
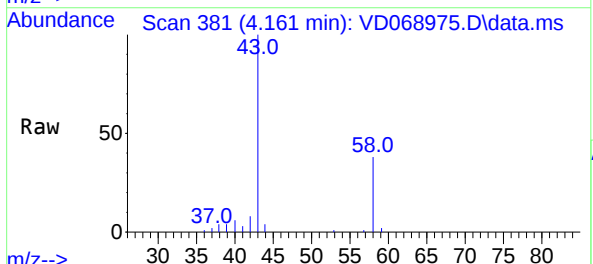
Instrument :
MSVOA_D
ClientSampleId :
SB-40-9.5-10.0-DUP

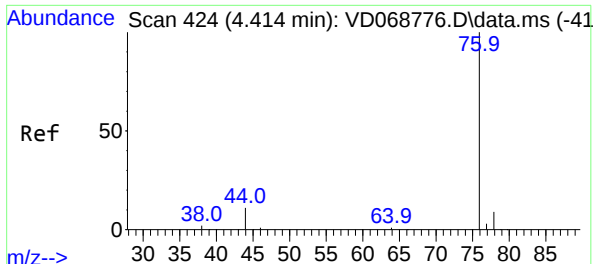
Tgt Ion:168 Resp: 265434
Ion Ratio Lower Upper
168 100
99 49.8 46.2 69.2



#16
Acetone
Concen: 214.85 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 43 Resp: 83462
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0

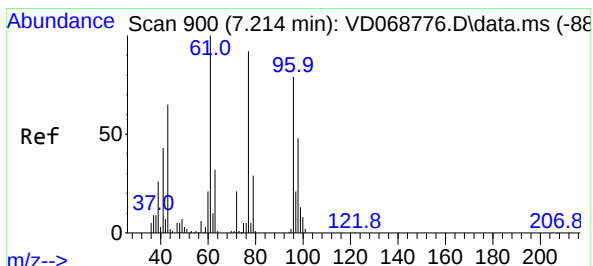
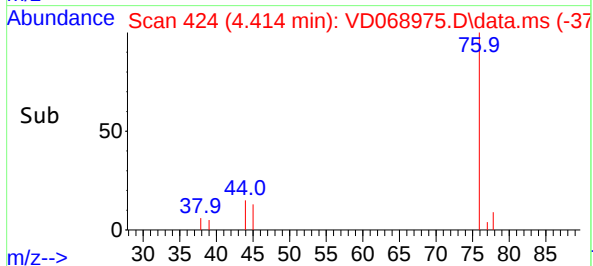
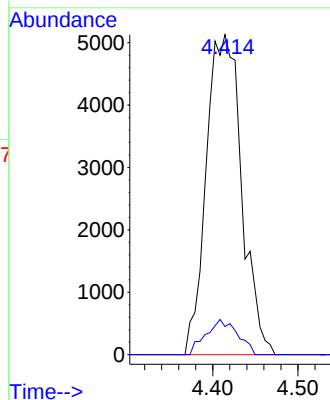
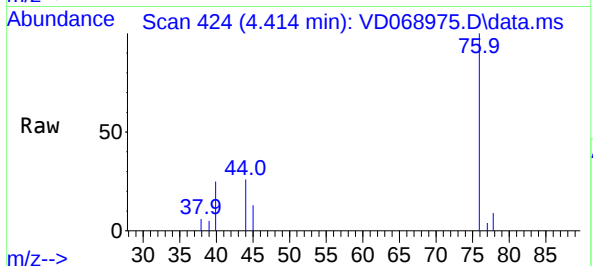




#17
Carbon Disulfide
Concen: 1.72 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

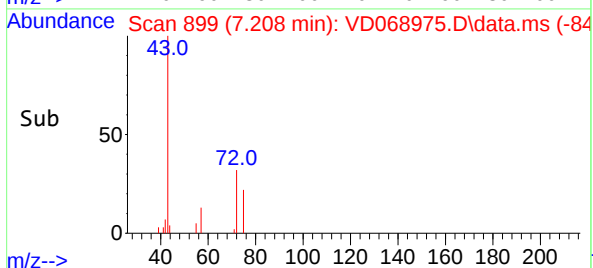
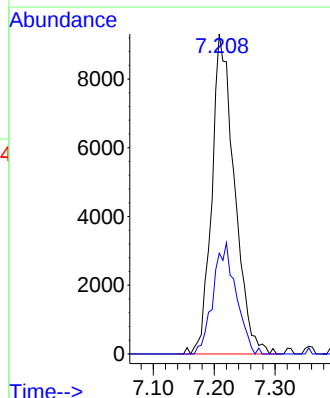
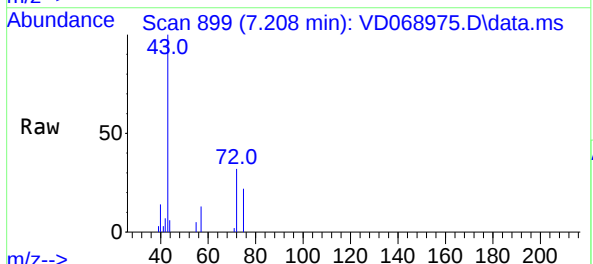
Instrument :
MSVOA_D
ClientSampleId :
SB-40-9.5-10.0-DUP

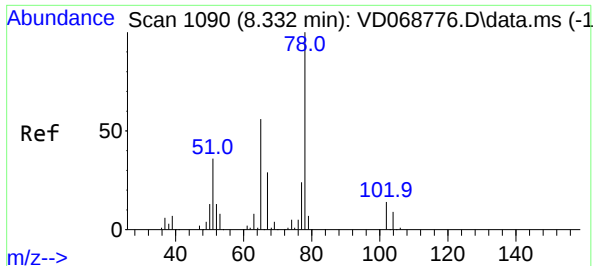
Tgt Ion: 76 Resp: 14786
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#25
2-Butanone
Concen: 43.86 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 43 Resp: 24110
Ion Ratio Lower Upper
43 100
72 31.5 28.6 43.0

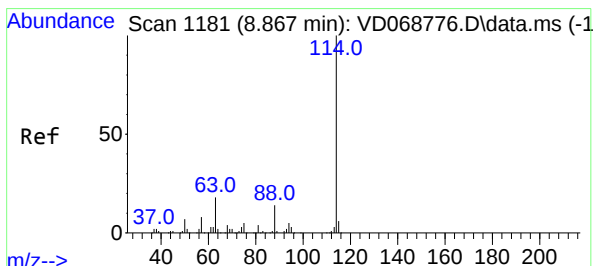
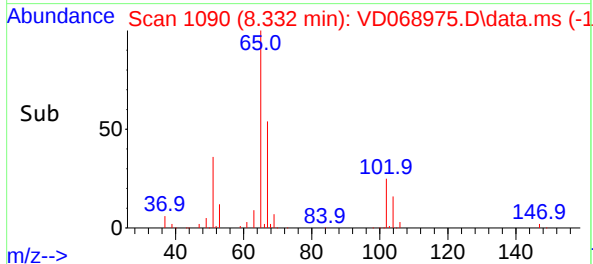
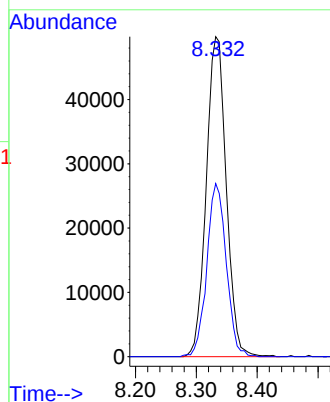
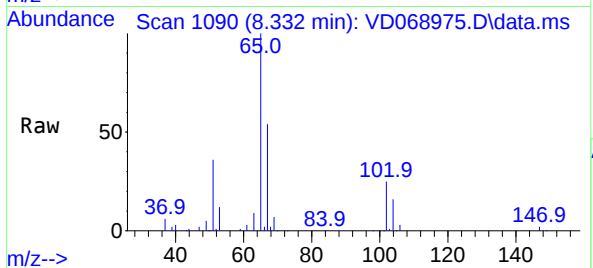




#33
1,2-Dichloroethane-d4
Concen: 40.41 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

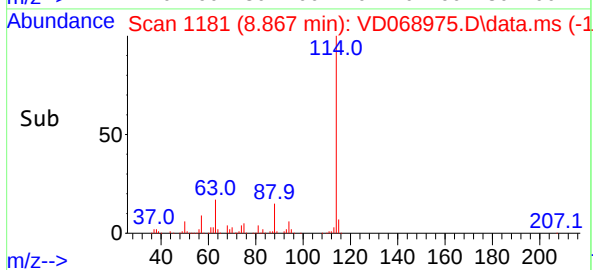
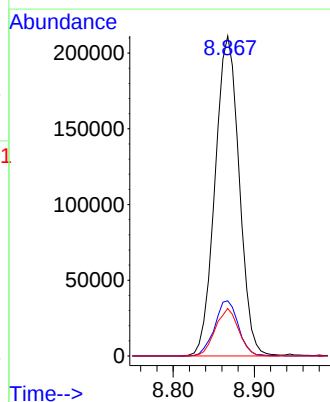
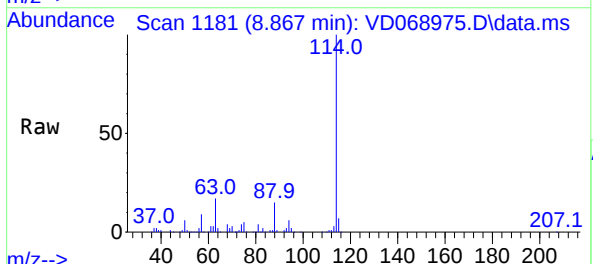
Instrument :
MSVOA_D
ClientSampleId :
SB-40-9.5-10.0-DUP

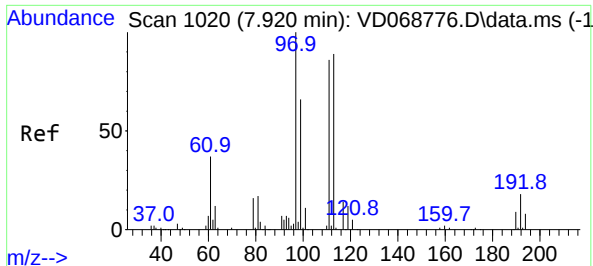
Tgt Ion: 65 Resp: 113366
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 114 Resp: 437134
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.91 ug/l

RT: 7.914 min Scan# 1019

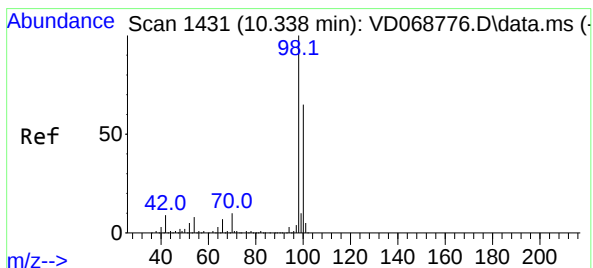
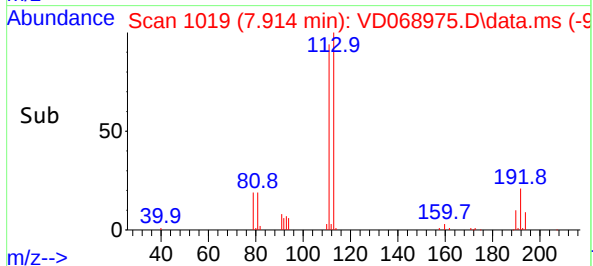
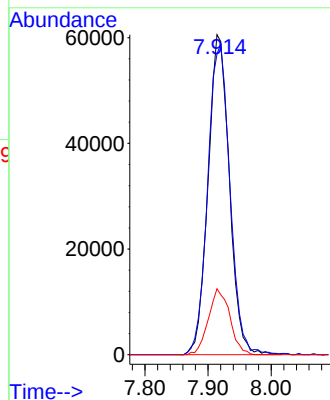
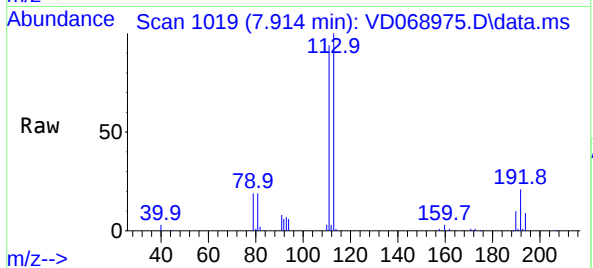
Delta R.T. -0.006 min

Lab File: VD068975.D

Acq: 23 Apr 2021 18:50

Tgt Ion:	113	Resp:	141912
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.5	123.7
192	20.7	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
SB-40-9.5-10.0-DUP



#50

Toluene-d8

Concen: 50.24 ug/l

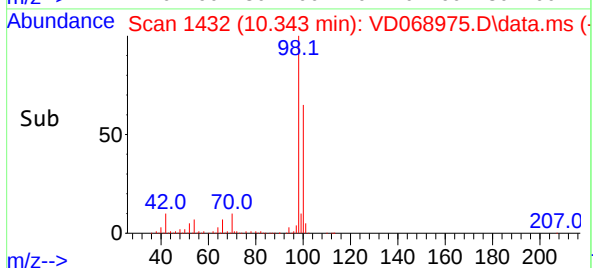
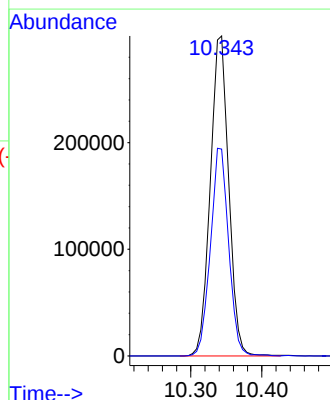
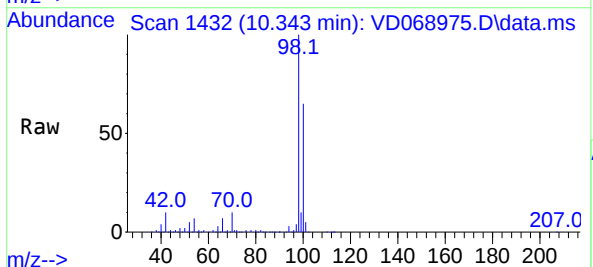
RT: 10.343 min Scan# 1432

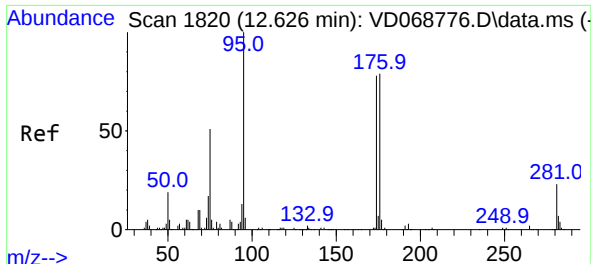
Delta R.T. 0.005 min

Lab File: VD068975.D

Acq: 23 Apr 2021 18:50

Tgt Ion:	98	Resp:	538842
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6

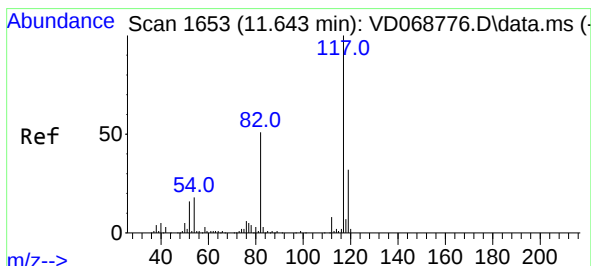
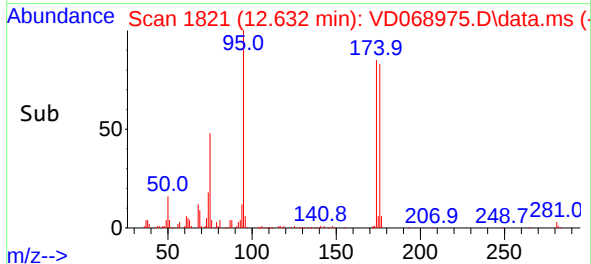
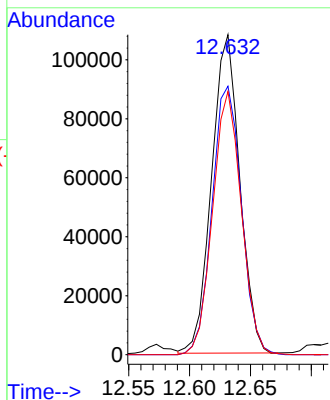
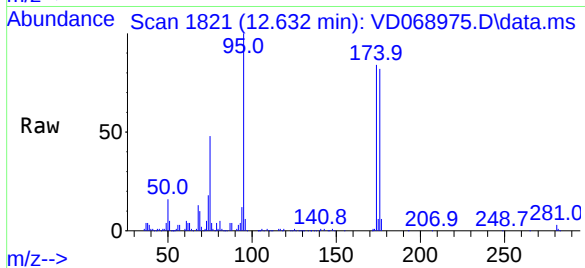




#62
4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

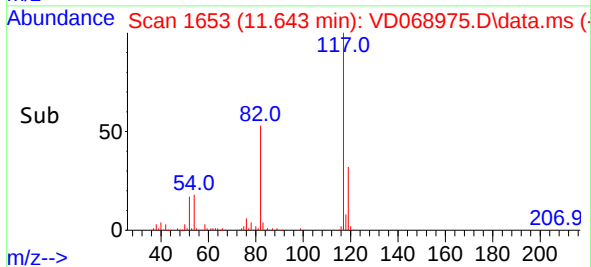
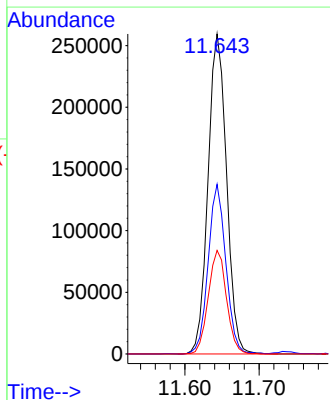
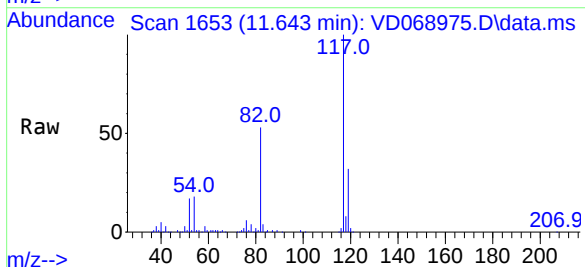
Instrument :
MSVOA_D
ClientSampleId :
SB-40-9.5-10.0-DUP

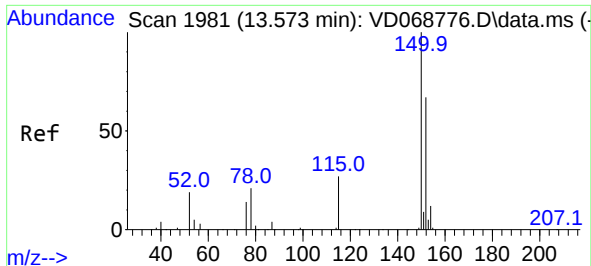
Tgt Ion: 95 Resp: 173828
Ion Ratio Lower Upper
95 100
174 87.9 0.0 168.0
176 84.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

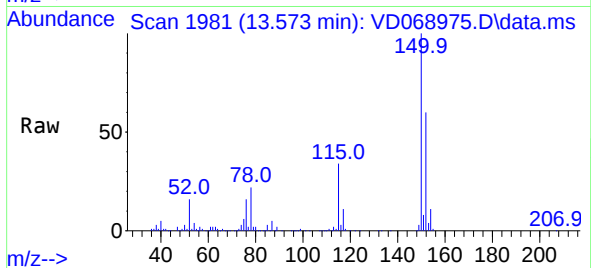
Tgt Ion:117 Resp: 450485
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.3 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068975.D
 Acq: 23 Apr 2021 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40-9.5-10.0-DUP



Tgt Ion:152 Resp: 149737

Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.3	87.8
150	158.0	0.0	347.6

