

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068819.D
 Acq On : 09 Apr 2021 18:39
 Operator : VA/SY
 Sample : M1979-05
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Apr 10 00:45:24 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)

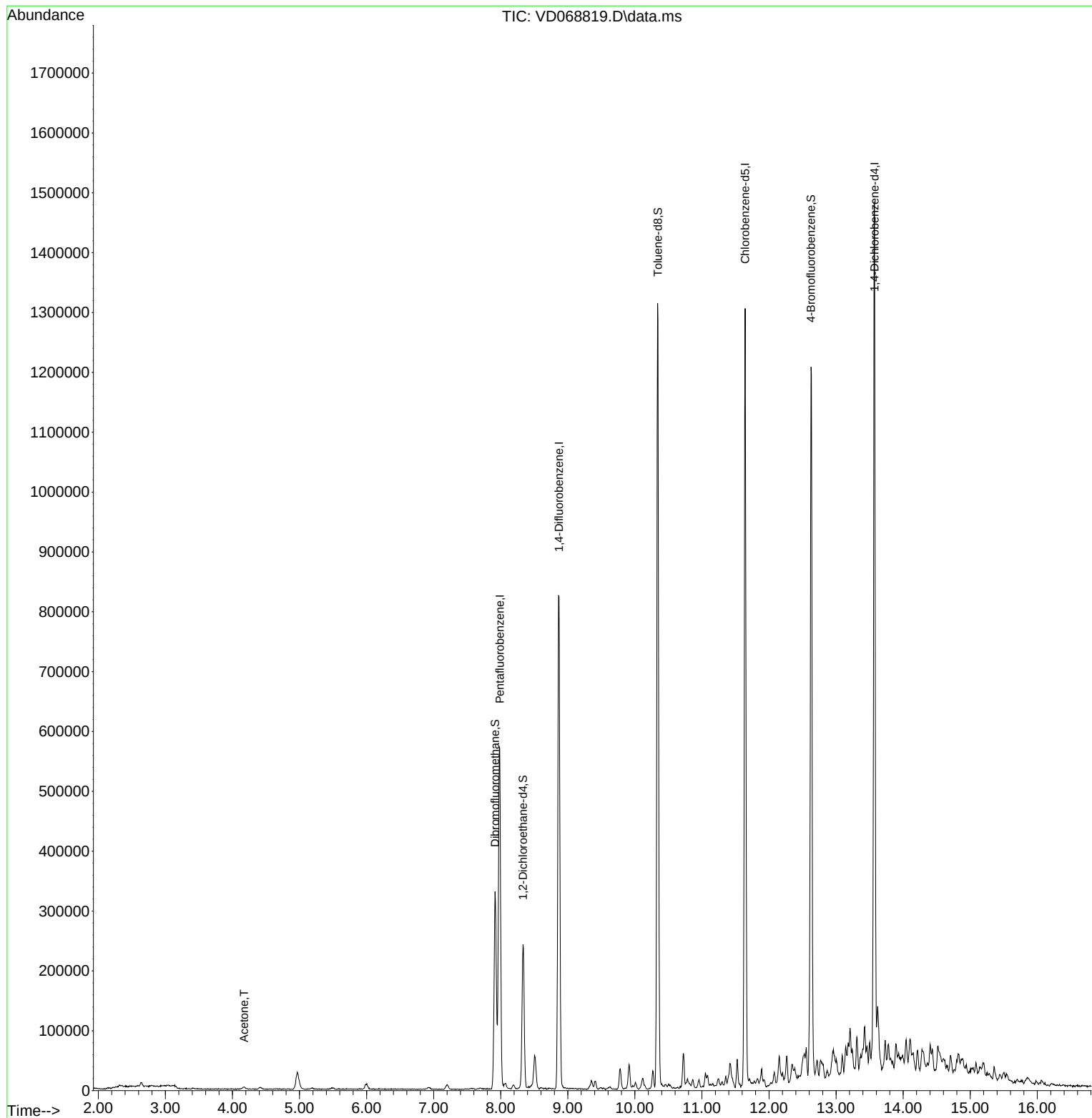
Internal Standards						
1) Pentafluorobenzene	7.985	168	452869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	773090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	420521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193651	40.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.92%
35) Dibromofluoromethane	7.914	113	238233	46.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.26%
50) Toluene-d8	10.344	98	936753	48.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.22%
62) 4-Bromofluorobenzene	12.626	95	387862	60.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.20%
Target Compounds						
16) Acetone	4.173	43	7054	10.64	ug/l	Qvalue # 69

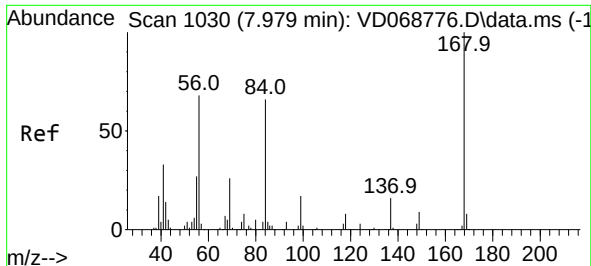
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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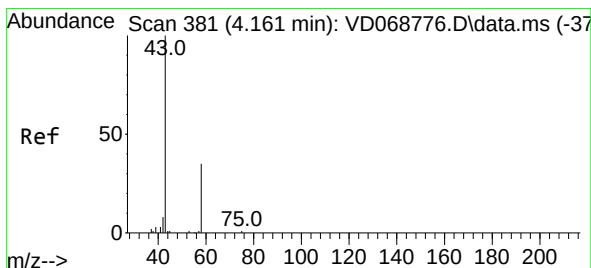
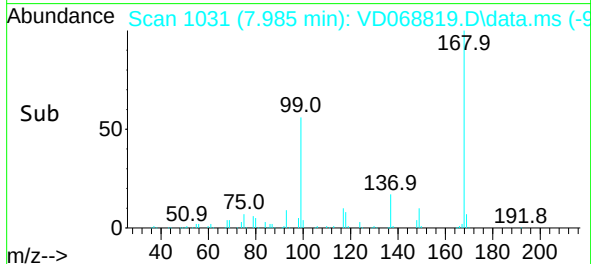
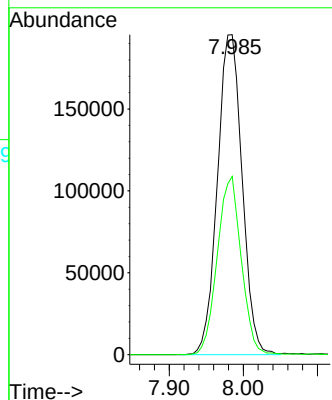
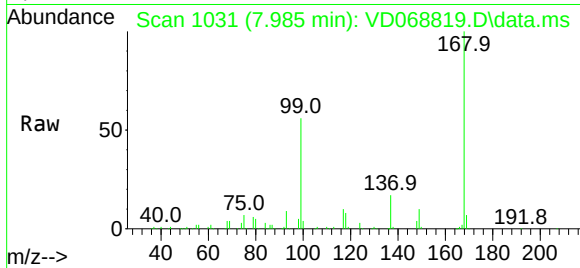




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

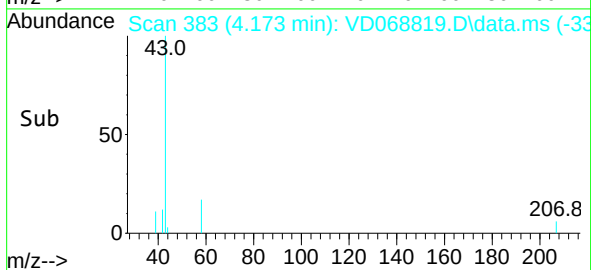
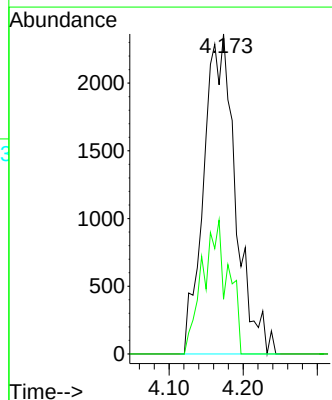
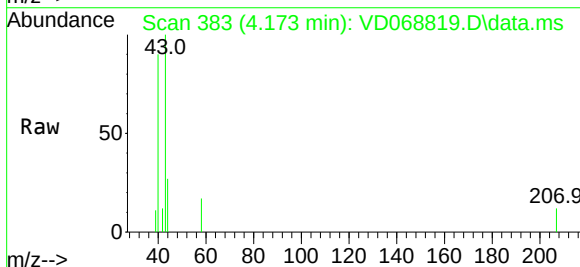
Instrument :
MSVOA_D
ClientSampleId :
S-5

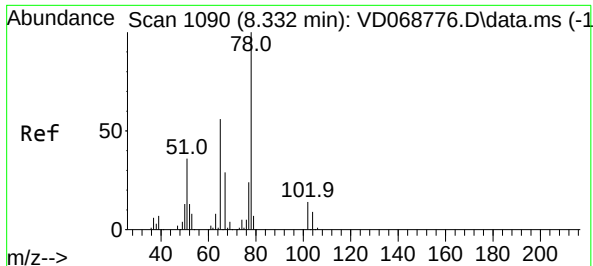
Tgt Ion:168 Resp: 452869
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#16
Acetone
Concen: 10.64 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
58 17.1 28.0 42.0#

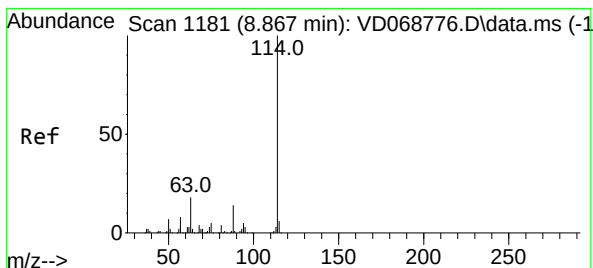
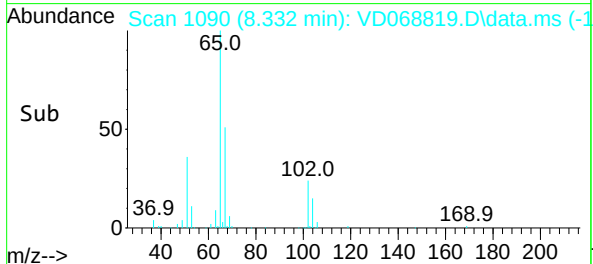
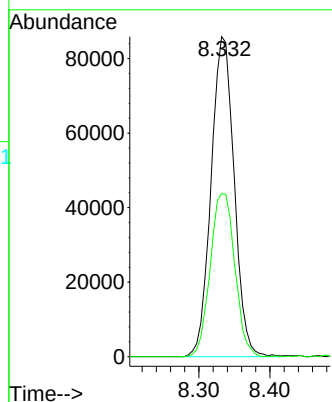
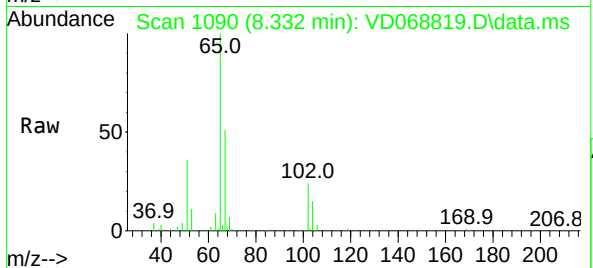




#33
1,2-Dichloroethane-d4
Concen: 40.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

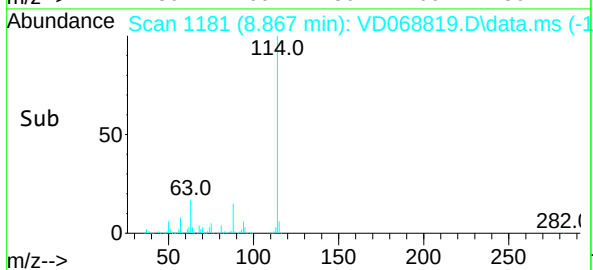
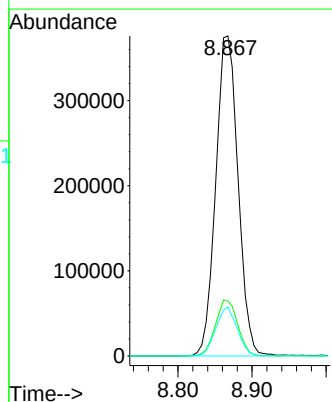
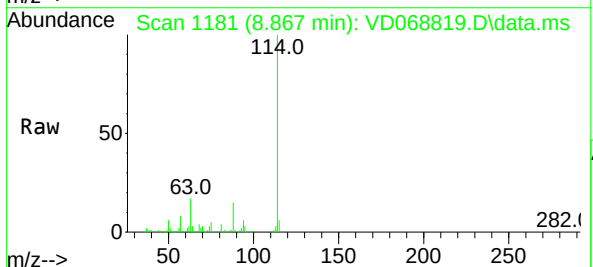
Instrument :
MSVOA_D
ClientSampleId :
S-5

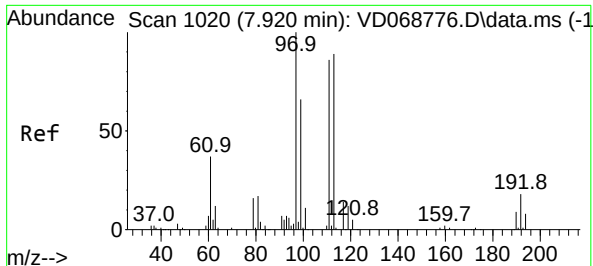
Tgt Ion: 65 Resp: 193651
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 114 Resp: 785415
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.63 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068819.D

Acq: 09 Apr 2021 18:39

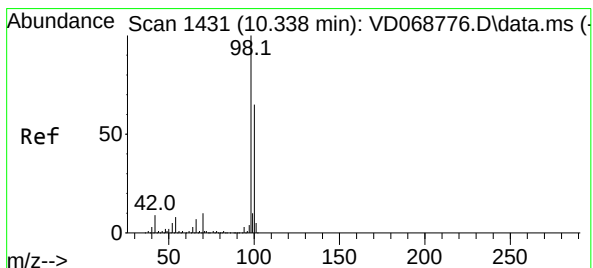
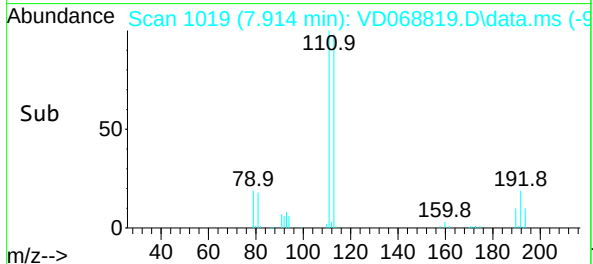
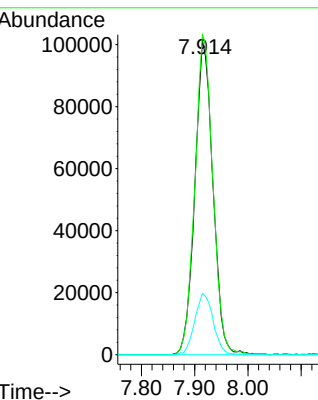
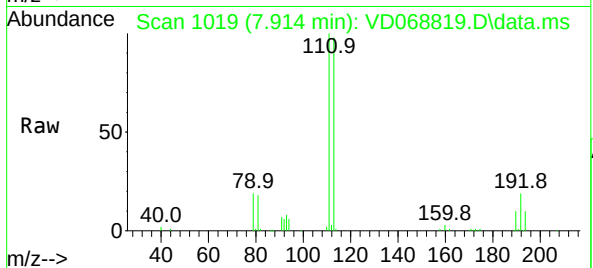
Tgt Ion:113 Resp: 238233

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

192 19.9 15.1 22.7



#50

Toluene-d8

Concen: 48.61 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068819.D

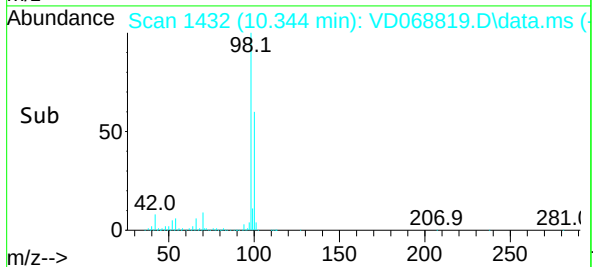
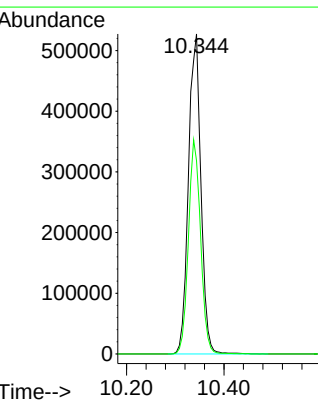
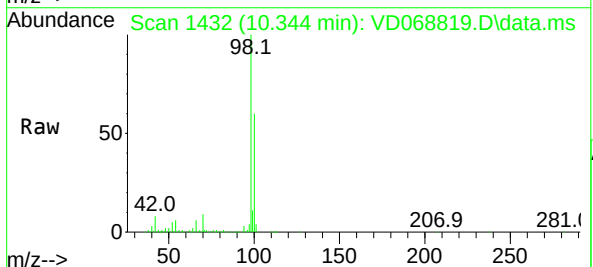
Acq: 09 Apr 2021 18:39

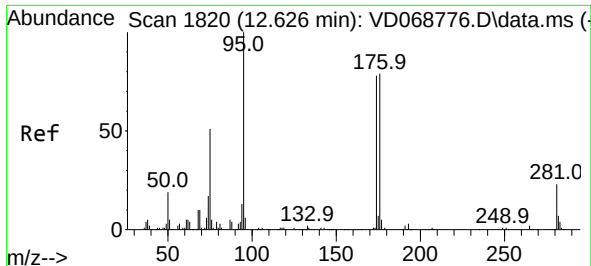
Tgt Ion: 98 Resp: 936753

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

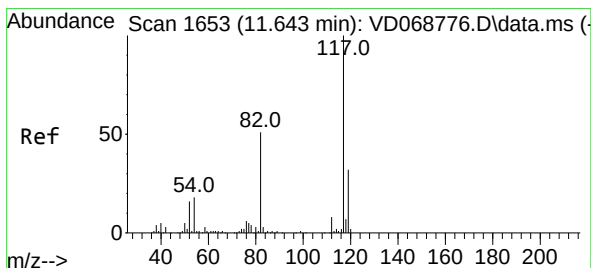
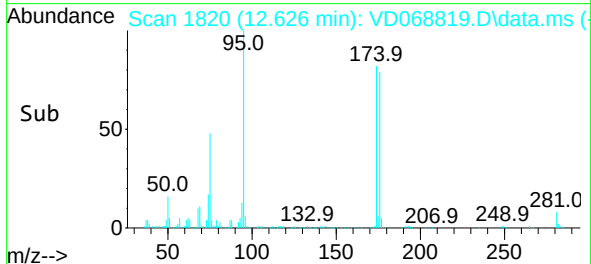
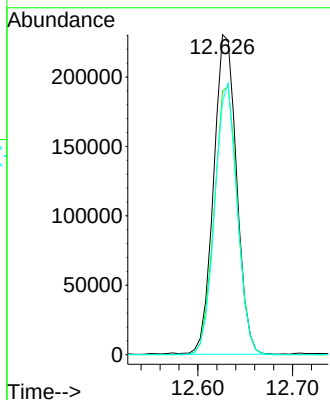
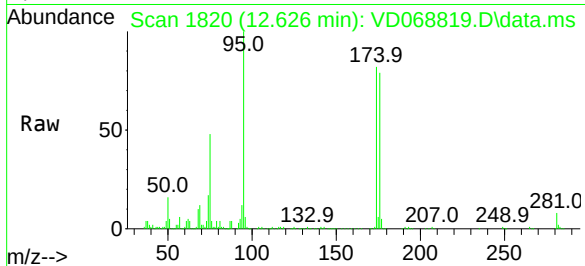




#62
4-Bromofluorobenzene
Concen: 60.60 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

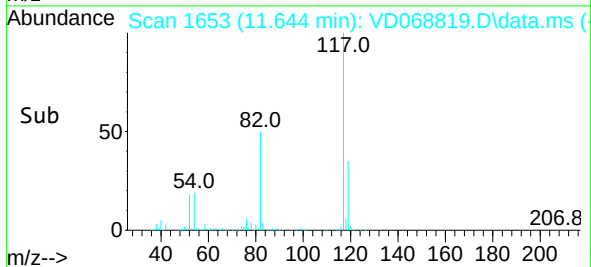
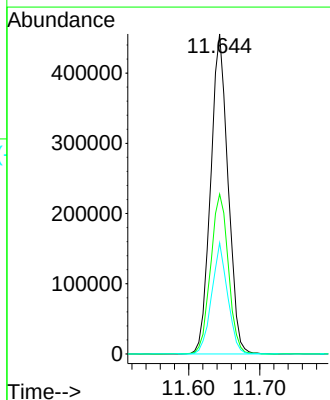
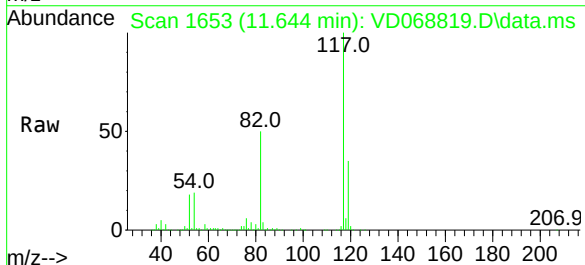
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ClientSampled :
S-5

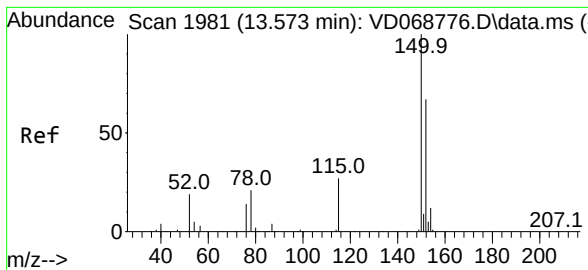
Tgt Ion: 95 Resp: 387862
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.0
176 82.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

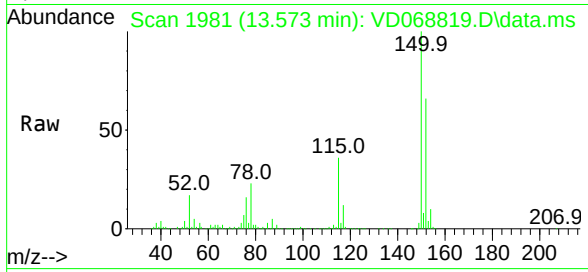
Tgt Ion:117 Resp: 773090
Ion Ratio Lower Upper
117 100
82 49.9 43.5 65.3
119 34.7 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068819.D
 Acq: 09 Apr 2021 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5



Tgt Ion:152 Resp: 420521
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.3 87.8
 150 156.3 0.0 347.6

