

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068809.D
 Acq On : 09 Apr 2021 13:58
 Operator : VA/SY
 Sample : M1979-16RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-16RE

Quant Time: Apr 10 00:41:47 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)

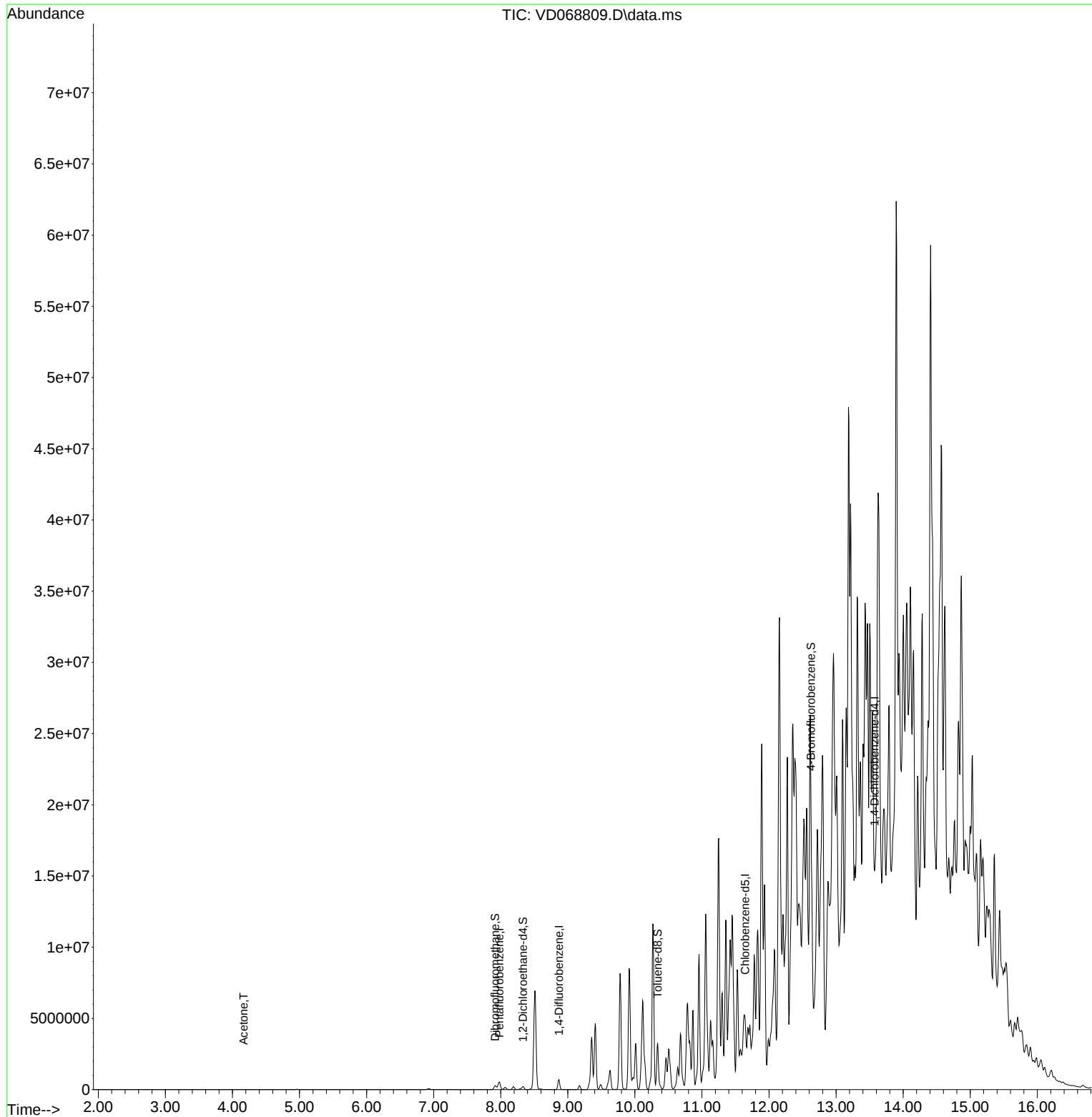
Internal Standards						
1) Pentafluorobenzene	7.979	168	362223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	654379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	751927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	920632	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167571	43.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.54%
35) Dibromofluoromethane	7.914	113	200555	47.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.24%
50) Toluene-d8	10.338	98	922543	57.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.92%
62) 4-Bromofluorobenzene	12.626	95	1590243	298.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	596.40%#
Target Compounds						
16) Acetone	4.168	43	7866	14.84	ug/l	# 88

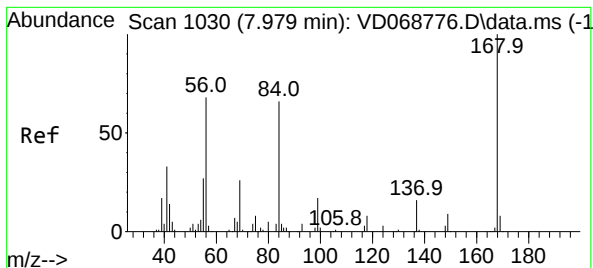
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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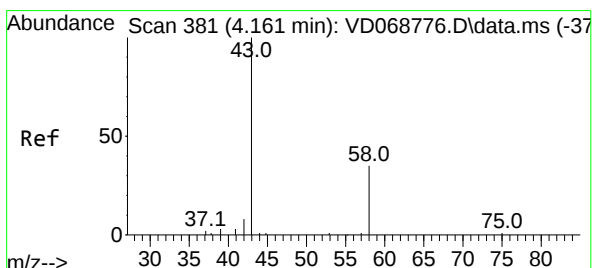
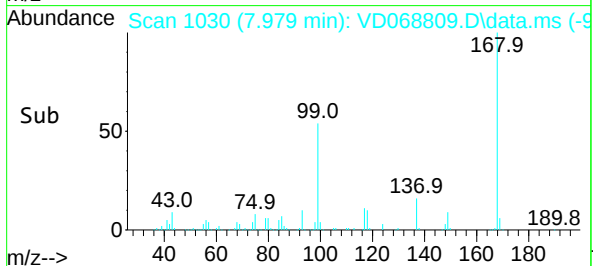
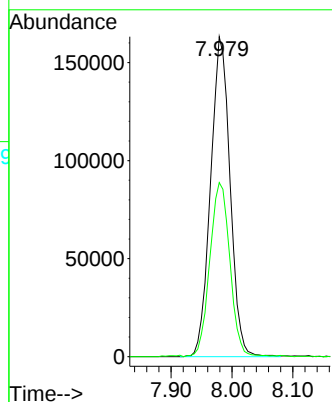
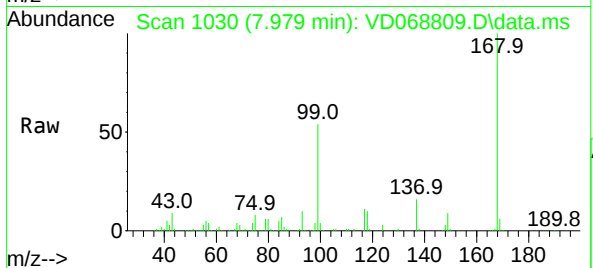




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

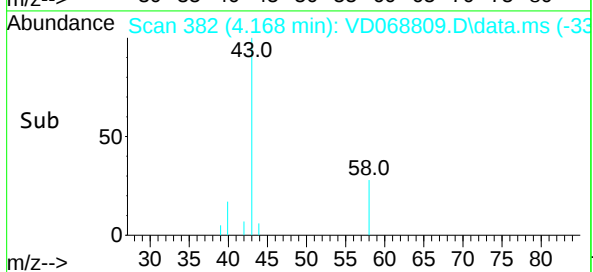
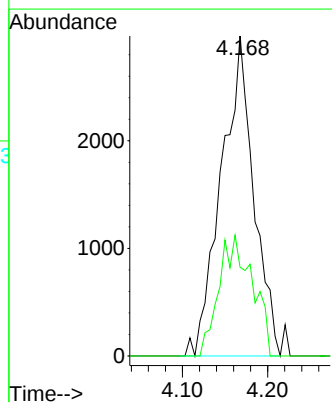
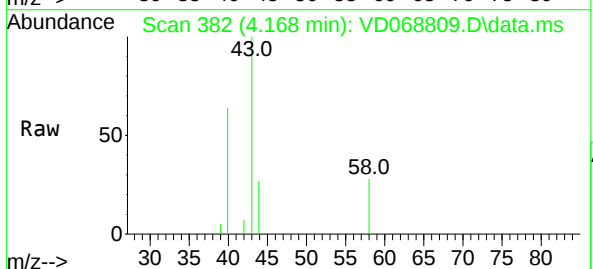
Instrument :
MSVOA_D
ClientSampled :
S-16RE

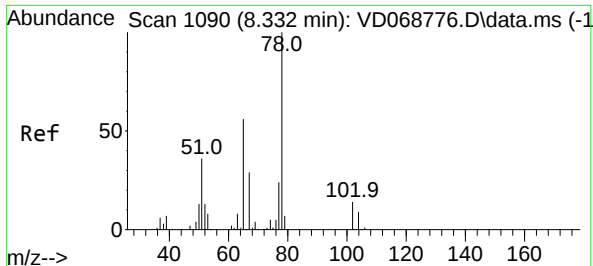
Tgt Ion:168 Resp: 362223
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#16
Acetone
Concen: 14.84 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

Tgt Ion: 43 Resp: 7866
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#

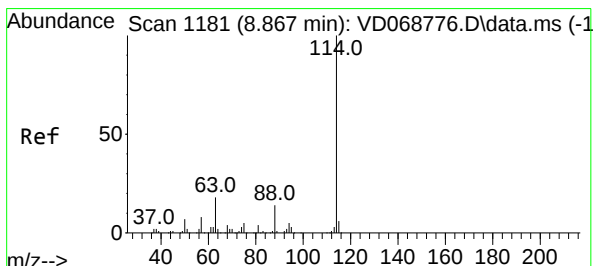
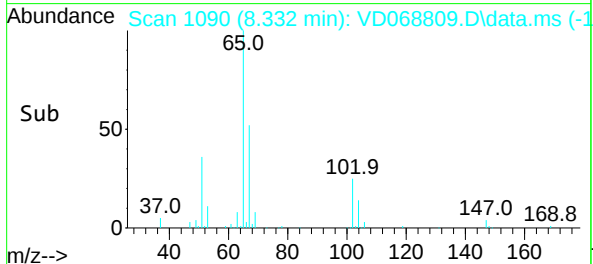
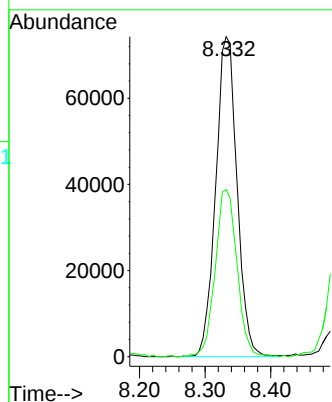
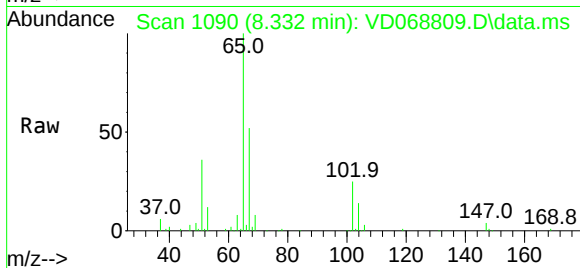




#33
1,2-Dichloroethane-d4
Concen: 43.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

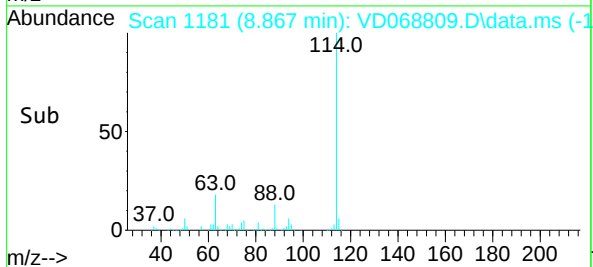
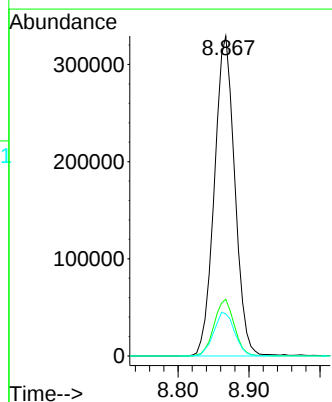
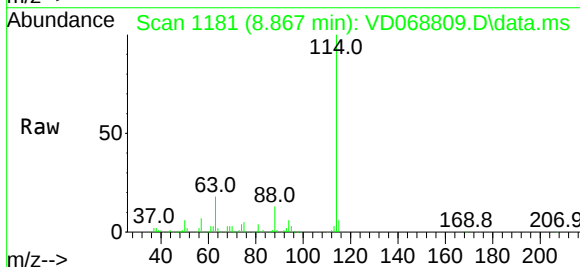
Instrument :
MSVOA_D
ClientSampled :
S-16RE

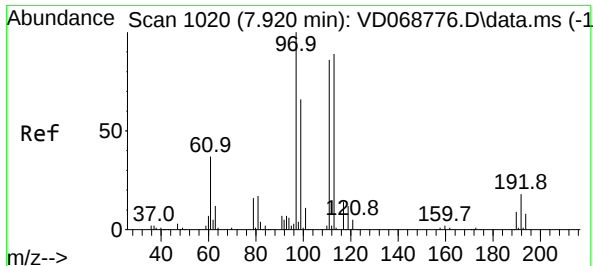
Tgt Ion: 65 Resp: 167571
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

Tgt Ion: 114 Resp: 654379
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 13.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.12 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068809.D

Acq: 09 Apr 2021 13:58

Instrument :

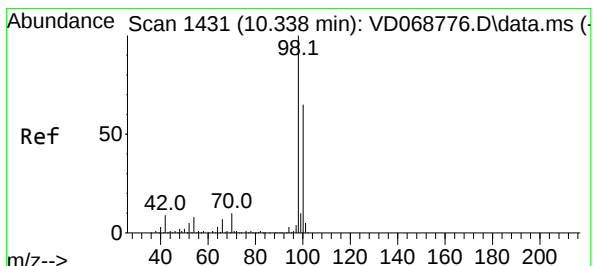
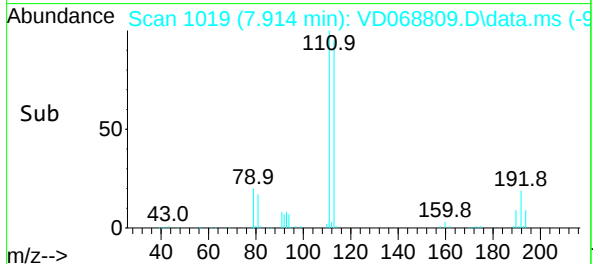
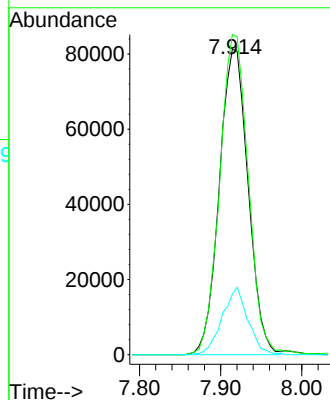
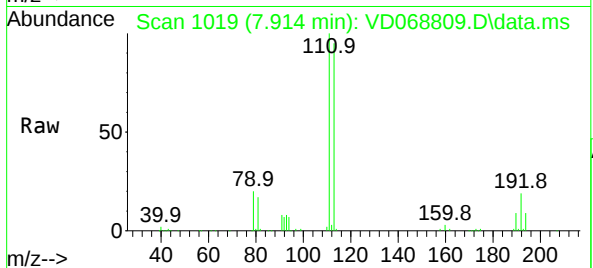
MSVOA_D

ClientSampled :

S-16RE

Tgt Ion:113 Resp: 200555

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.5	123.7
192	19.6	15.1	22.7



#50

Toluene-d8

Concen: 57.46 ug/l

RT: 10.338 min Scan# 1431

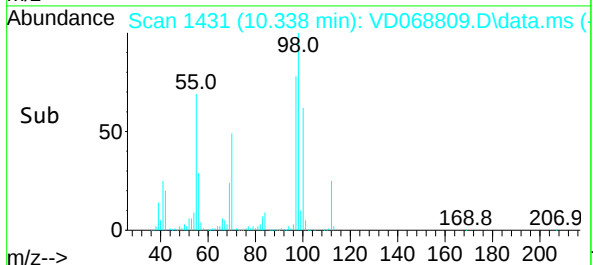
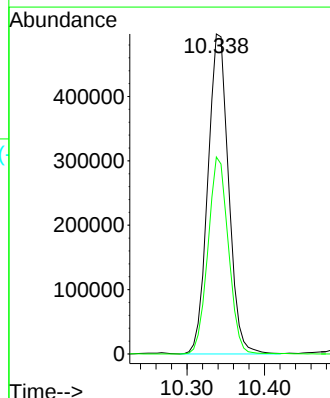
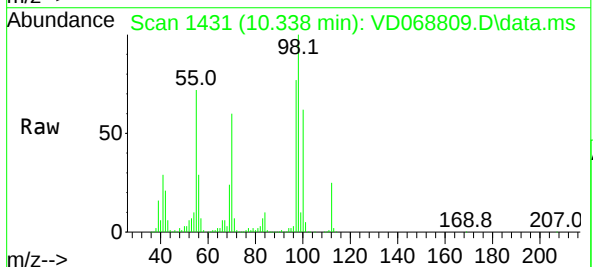
Delta R.T. -0.000 min

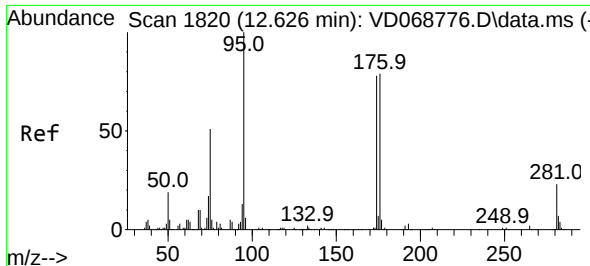
Lab File: VD068809.D

Acq: 09 Apr 2021 13:58

Tgt Ion: 98 Resp: 922543

Ion	Ratio	Lower	Upper
98	100		
100	60.6	51.8	77.6

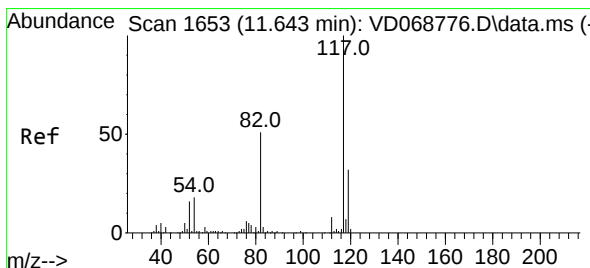
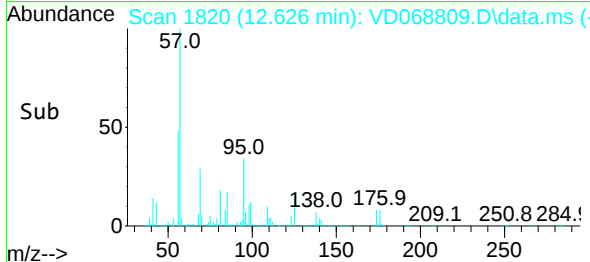
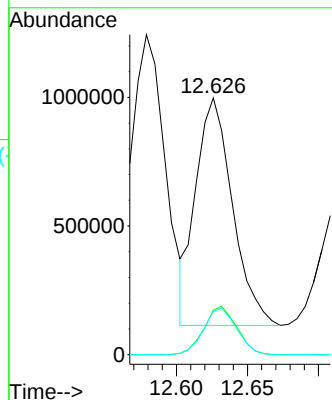
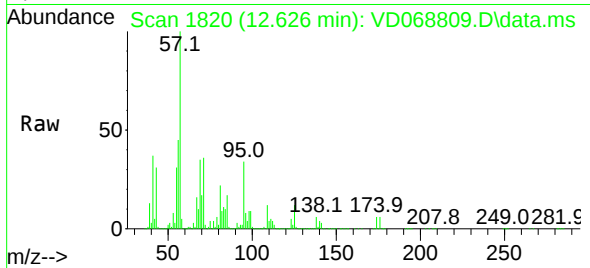




#62
4-Bromofluorobenzene
Concen: 298.20 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

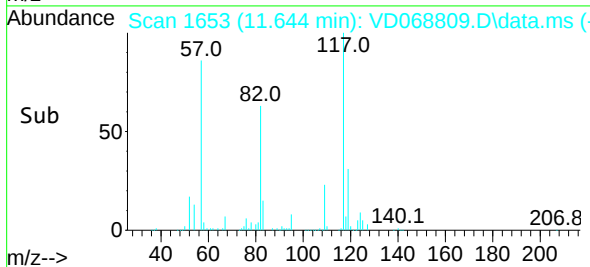
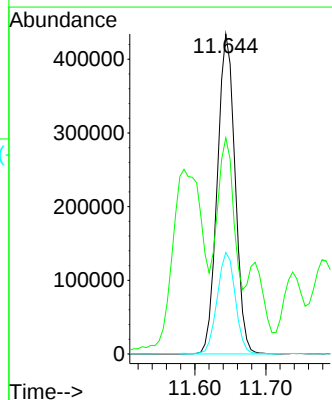
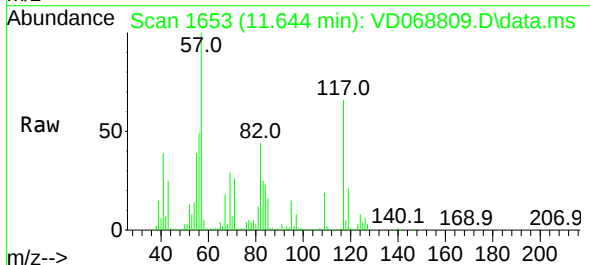
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MSVOA_D
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S-16RE

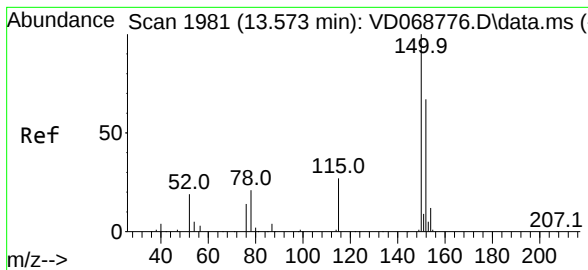
Tgt Ion: 95 Resp: 1590243
Ion Ratio Lower Upper
95 100
174 19.1 0.0 168.0
176 18.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068809.D
Acq: 09 Apr 2021 13:58

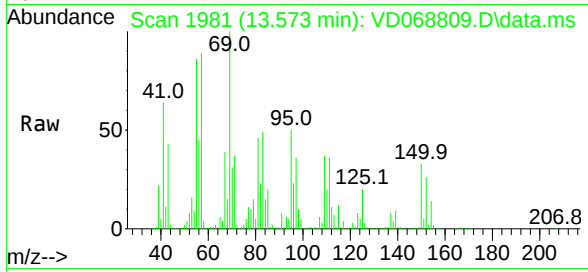
Tgt Ion: 117 Resp: 751927
Ion Ratio Lower Upper
117 100
82 56.8 43.5 65.3
119 31.6 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068809.D
 Acq: 09 Apr 2021 13:58

Instrument :
 MSVOA_D
 ClientSampleId :
 S-16RE



Tgt Ion:152 Resp: 920632
 Ion Ratio Lower Upper
 152 100
 115 25.6 29.3 87.8#
 150 67.9 0.0 347.6

