

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068531.D
 Acq On : 04 Mar 2021 17:57
 Operator : VA/SY
 Sample : M1567-01
 Misc : 6.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-030421

Quant Time: Mar 05 00:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

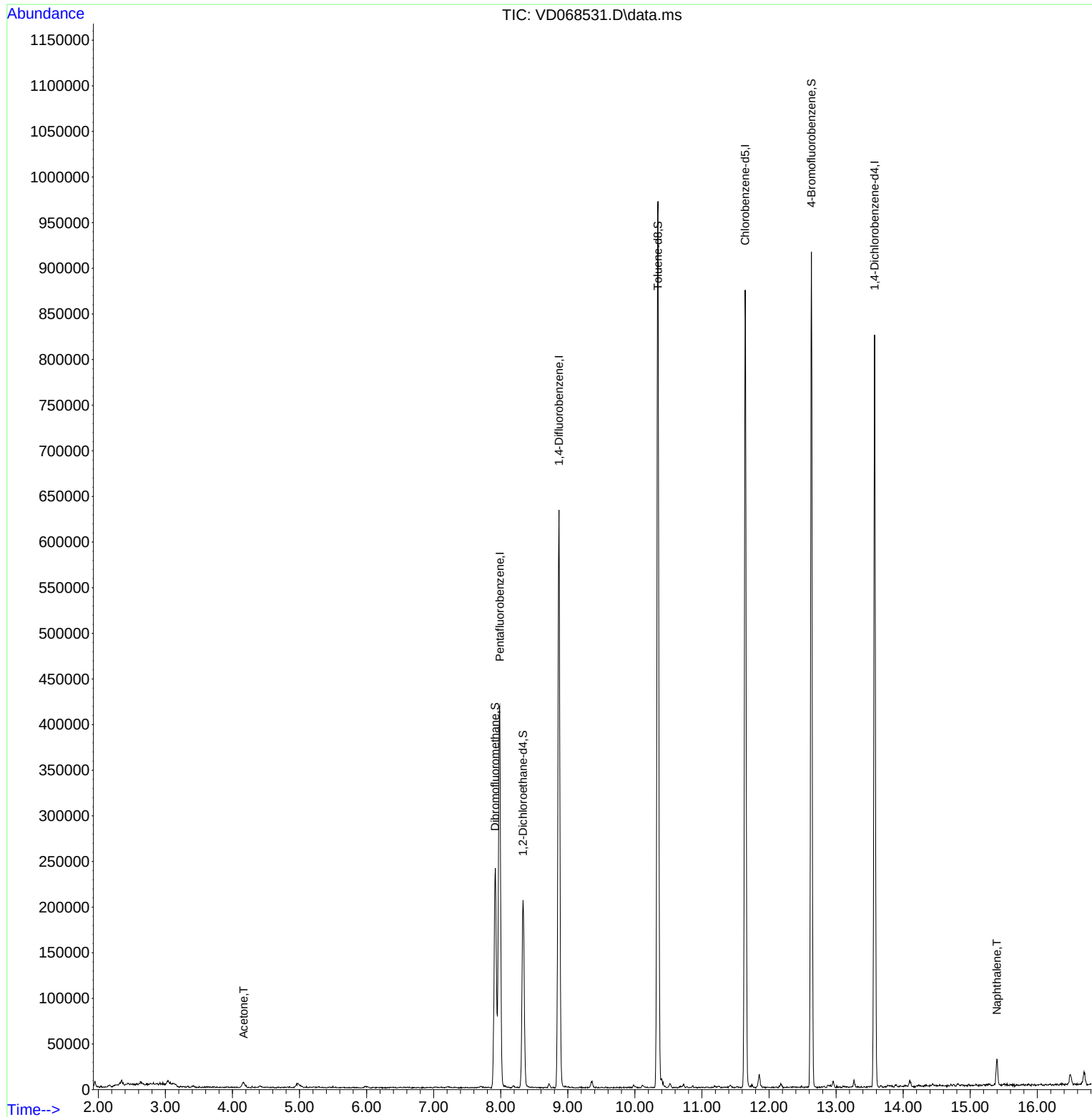
Internal Standards						
1) Pentafluorobenzene	7.985	168	327474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	568166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	528058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167446	51.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.36%
35) Dibromofluoromethane	7.914	113	173740	50.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.52%
50) Toluene-d8	10.344	98	705883	51.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.56%
62) 4-Bromofluorobenzene	12.632	95	219843	50.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.08%
Target Compounds						
16) Acetone	4.168	43	9717	18.70	ug/l	90
95) Naphthalene	15.396	128	26115	3.00	ug/l	97

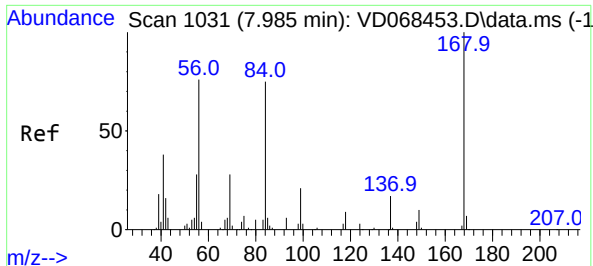
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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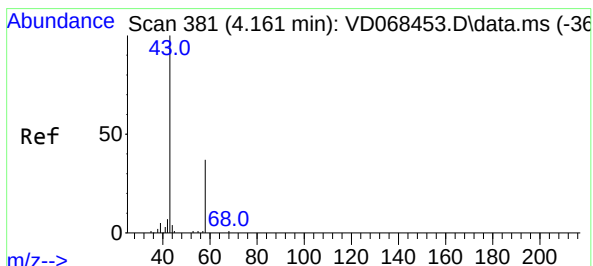
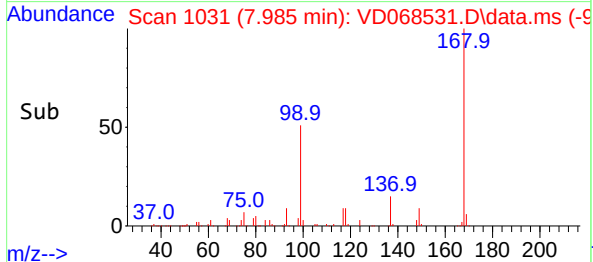
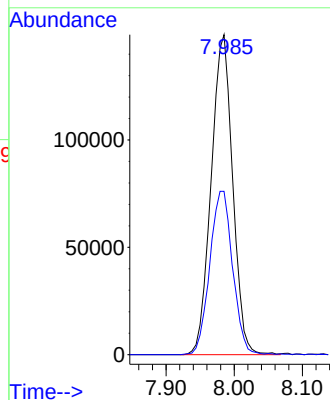
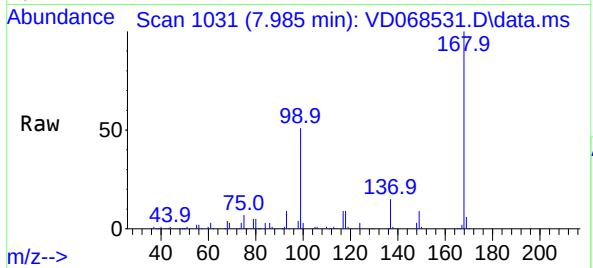




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

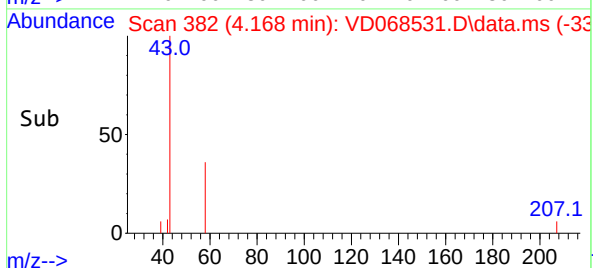
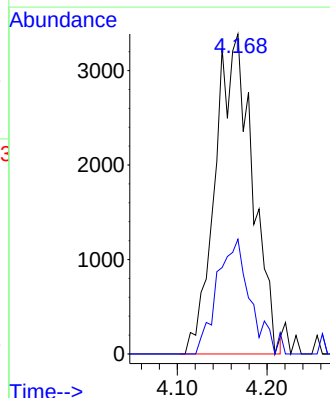
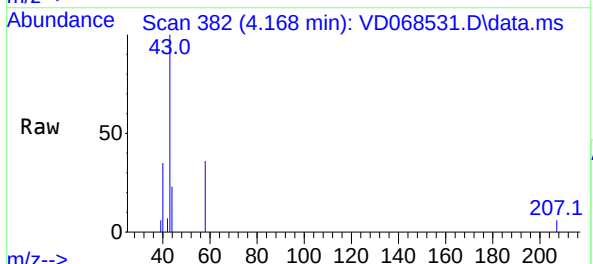
Instrument :
MSVOA_D
ClientSampleId :
PL-02-030421

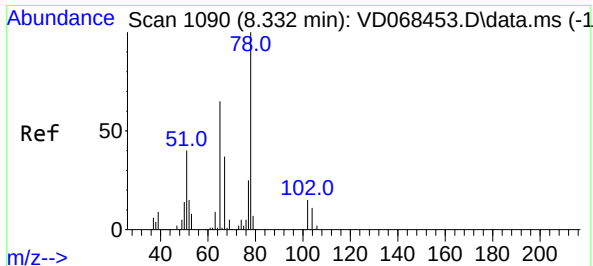
Tgt Ion:168 Resp: 327474
Ion Ratio Lower Upper
168 100
99 51.1 43.5 65.3



#16
Acetone
Concen: 18.70 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.4

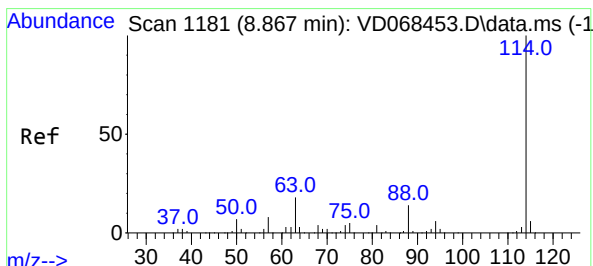
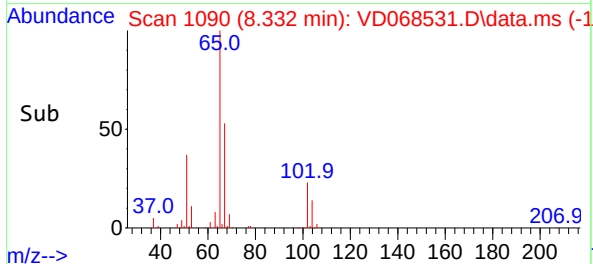
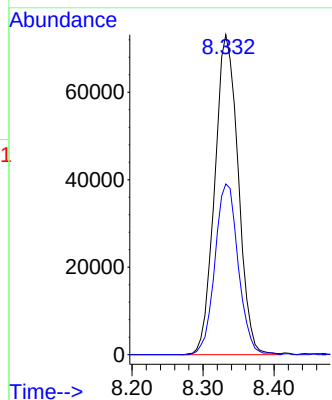
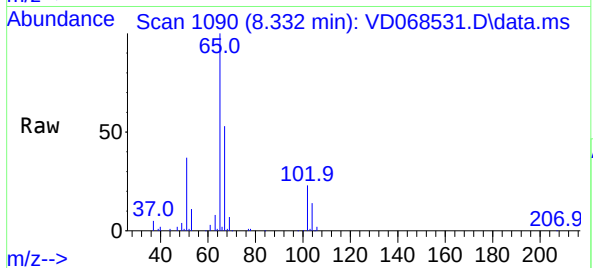




#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

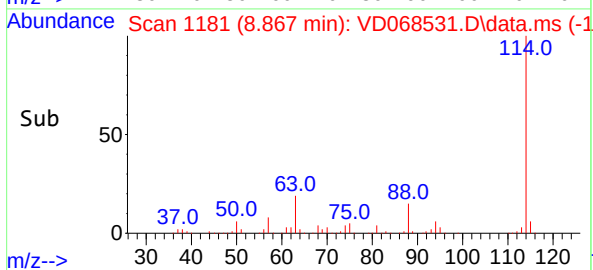
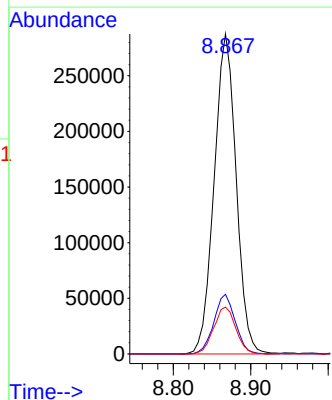
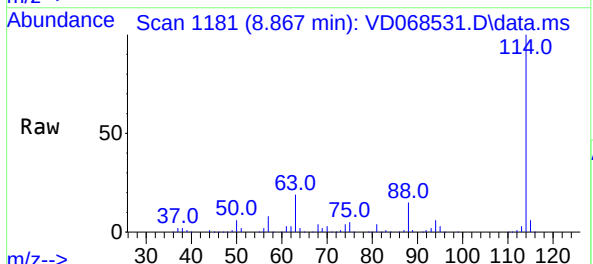
Instrument :
MSVOA_D
ClientSampleId :
PL-02-030421

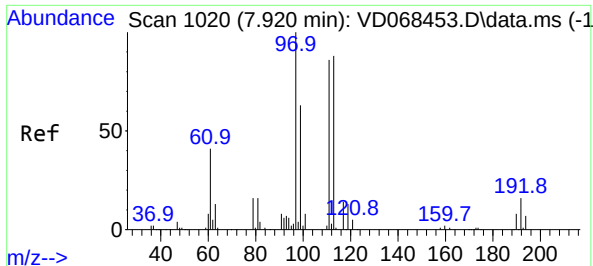
Tgt Ion: 65 Resp: 167446
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 114 Resp: 568166
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 14.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.76 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068531.D

Acq: 04 Mar 2021 17:57

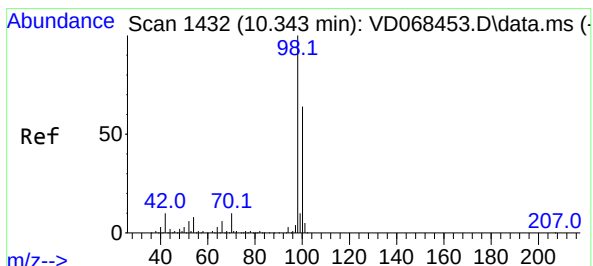
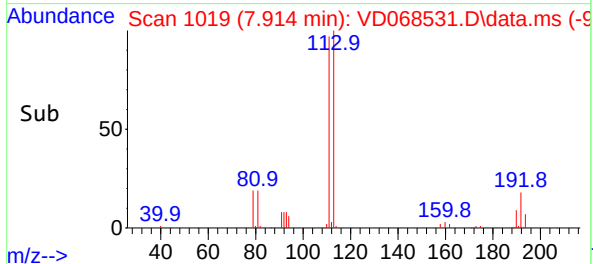
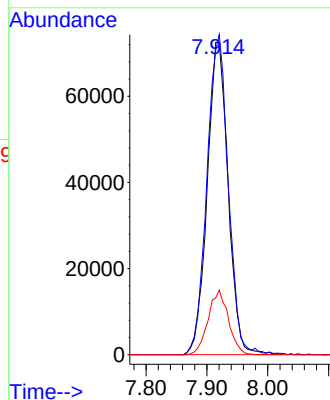
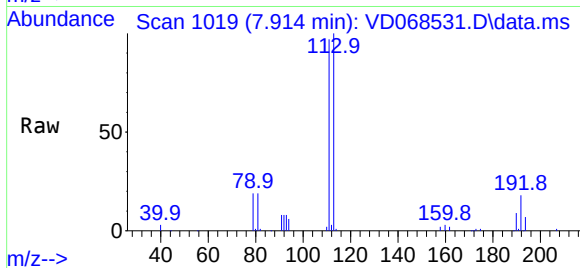
Tgt Ion:113 Resp: 173740

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 20.0 16.1 24.1



#50

Toluene-d8

Concen: 51.78 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068531.D

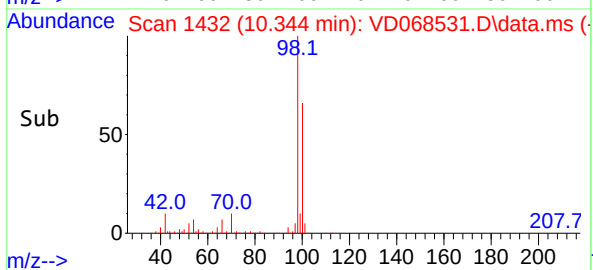
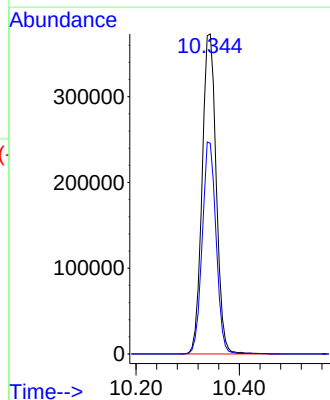
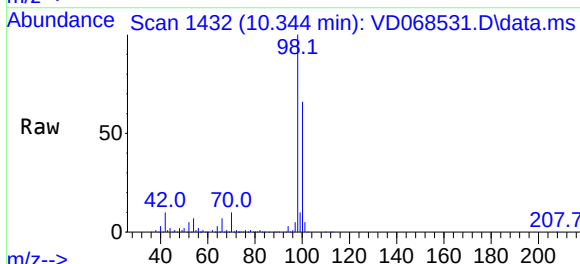
Acq: 04 Mar 2021 17:57

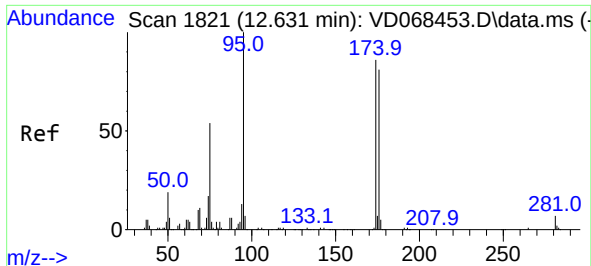
Tgt Ion: 98 Resp: 705883

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4



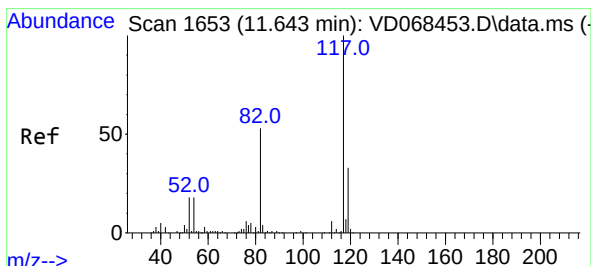
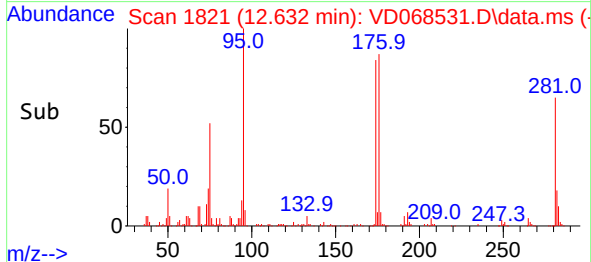
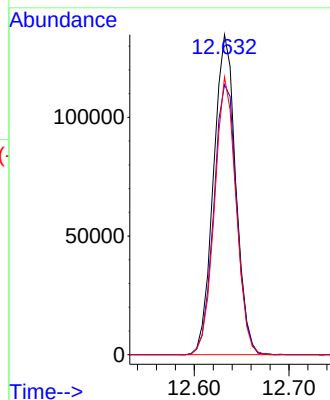
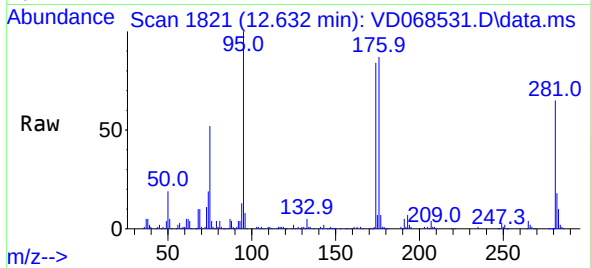


#62
4-Bromofluorobenzene
Concen: 50.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
PL-02-030421

Tgt Ion: 95 Resp: 219843

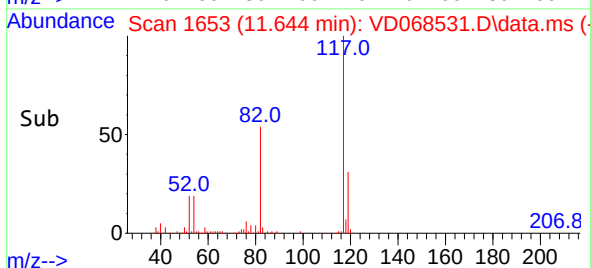
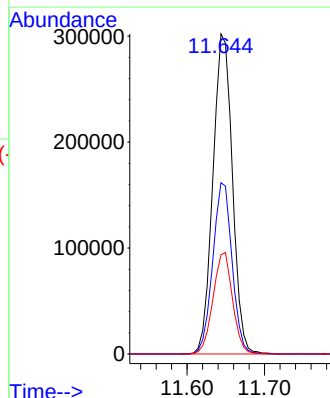
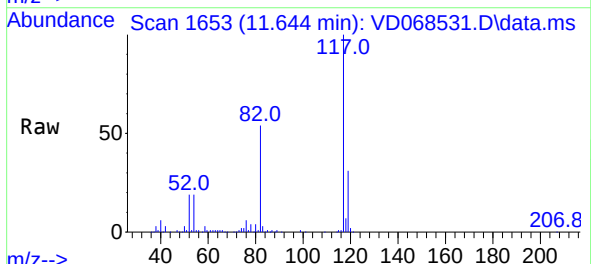
Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	172.4
176	83.9	0.0	168.4

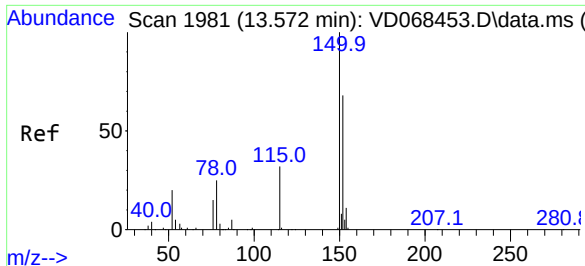


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 117 Resp: 528058

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.4	62.0
119	31.0	26.1	39.1

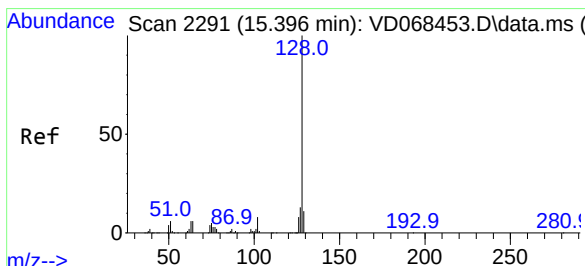
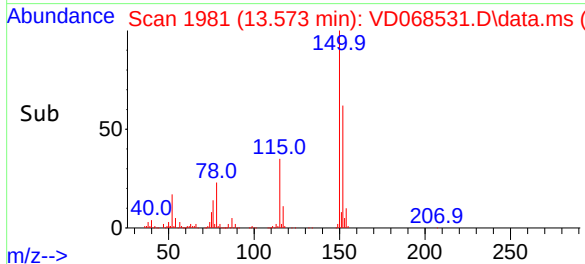
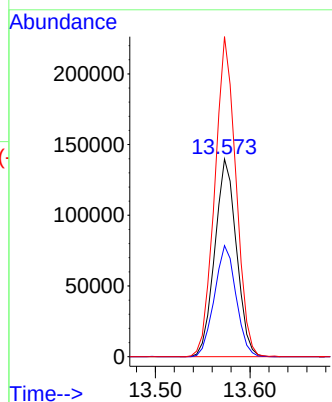
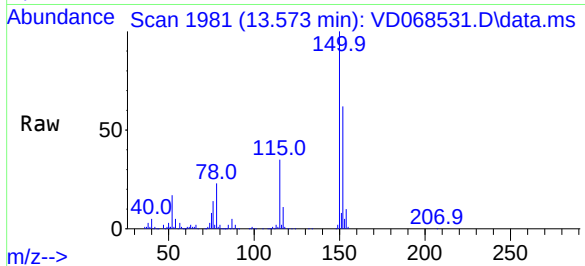




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
PL-02-030421

Tgt Ion:152 Resp: 221717
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 158.6 0.0 344.4



#95
Naphthalene
Concen: 3.00 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion:128 Resp: 26115
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 12.7 8.8 13.2

