

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068427.D
 Acq On : 24 Feb 2021 10:16
 Operator : VA/SY
 Sample : VD0224SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 00:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

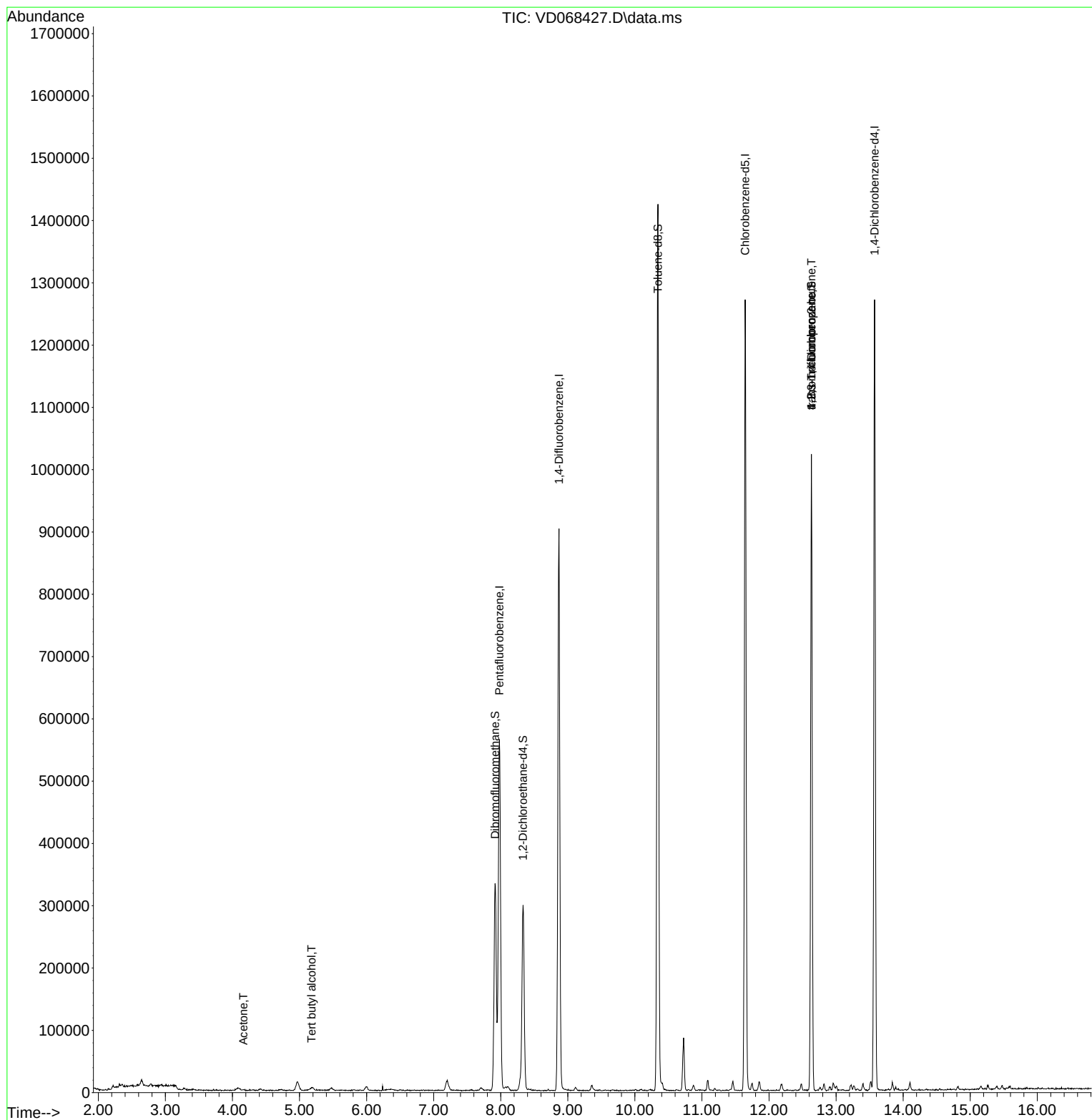
Internal Standards						
1) Pentafluorobenzene	7.979	168	435779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	809076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	758586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	340231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	236548	53.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.20%	
35) Dibromofluoromethane	7.914	113	244088	50.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.66%	
50) Toluene-d8	10.344	98	1012230	50.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.70%	
62) 4-Bromofluorobenzene	12.632	95	329285	50.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.56%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.179	59	2046	9.16	ug/l #	74
16) Acetone	4.162	43	2158	3.14	ug/l	89
20) Methylene Chloride	4.973	84	10967	Below	Cal	96
31) Cyclohexane	7.985	56	11802	Below	Cal #	15
76) 1,2,3-Trichloropropane	12.632	75	161970	50.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	161970	125.40	ug/l #	13

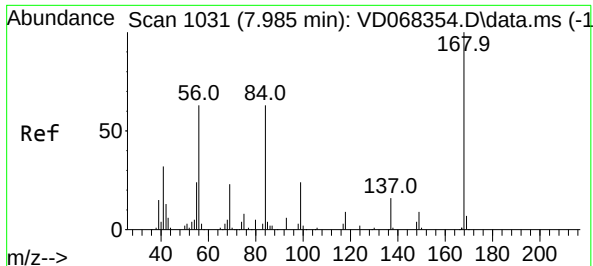
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
Data File : VD068427.D
Acq On : 24 Feb 2021 10:16
Operator : VA/SY
Sample : VD0224SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 25 00:09:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

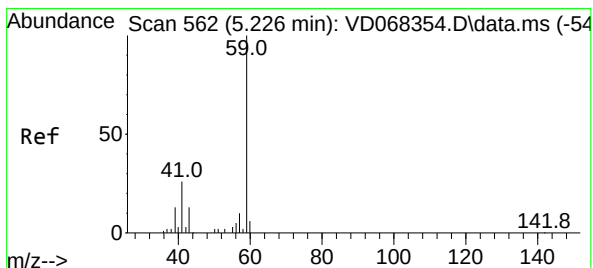
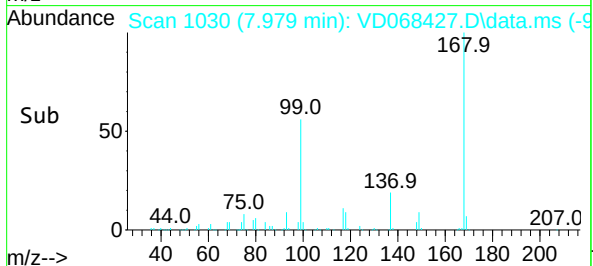
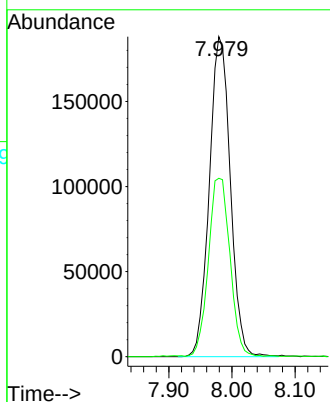
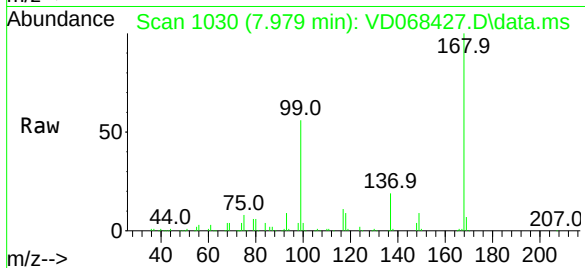




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

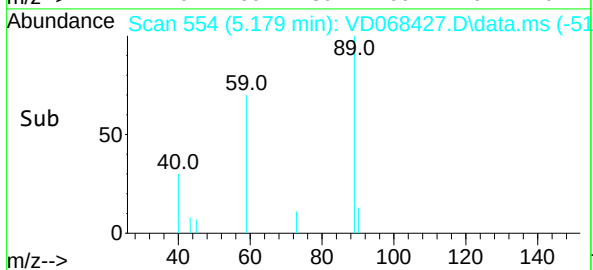
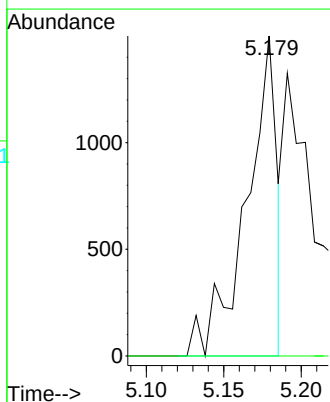
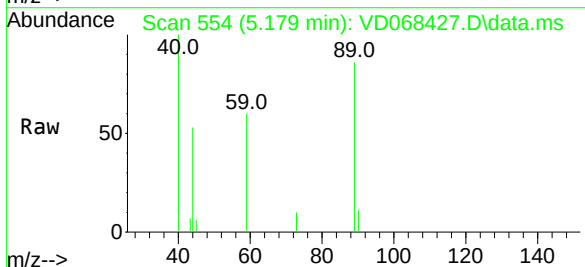
Instrument :
MSVOA_D
ClientSampleId :

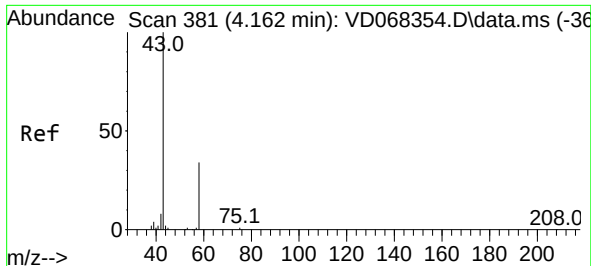
Tgt Ion:168 Resp: 435779
Ion Ratio Lower Upper
168 100
99 55.6 43.5 65.3



#11
Tert butyl alcohol
Concen: 9.16 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

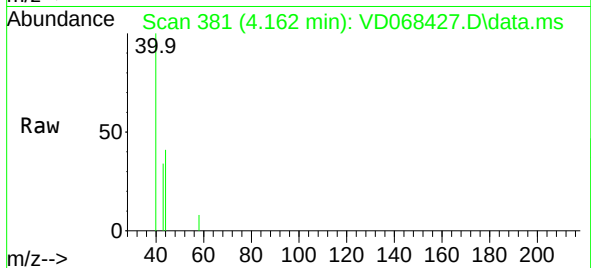
Tgt Ion: 59 Resp: 2046
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



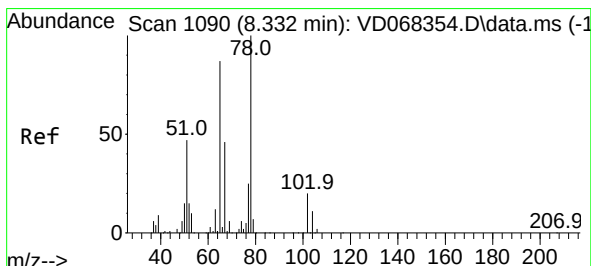
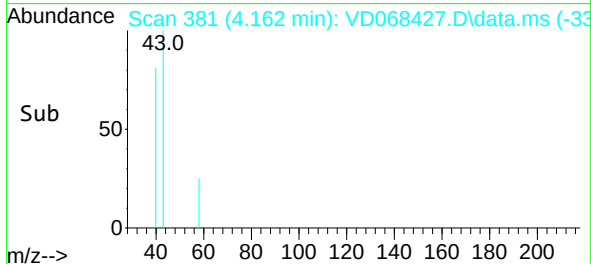
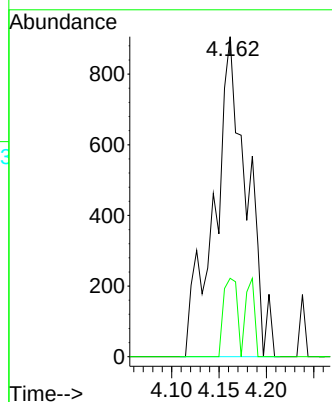


#16
Acetone
Concen: 3.14 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

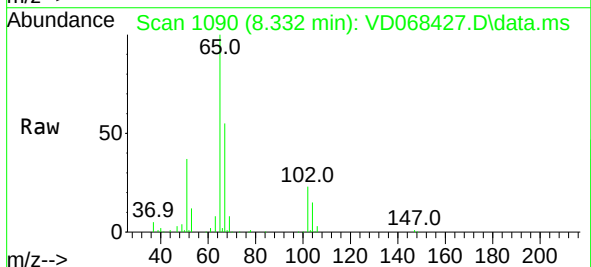
Instrument :
MSVOA_D
ClientSampled :



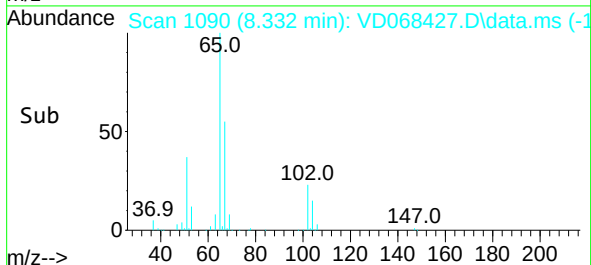
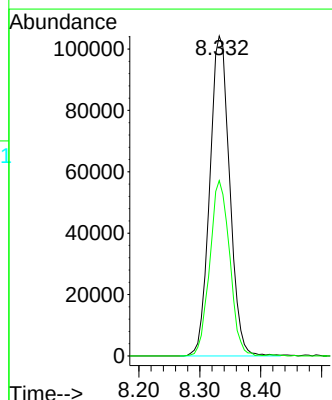
Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 24.5 24.2 36.4

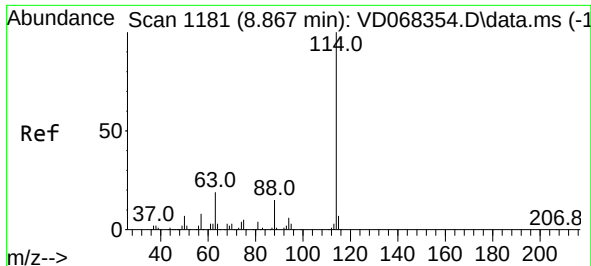


#33
1,2-Dichloroethane-d4
Concen: 53.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16



Tgt Ion: 65 Resp: 236548
Ion Ratio Lower Upper
65 100
67 54.8 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: VD068427.D

Acq: 24 Feb 2021 10:16

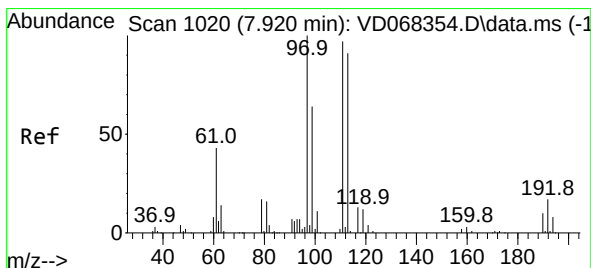
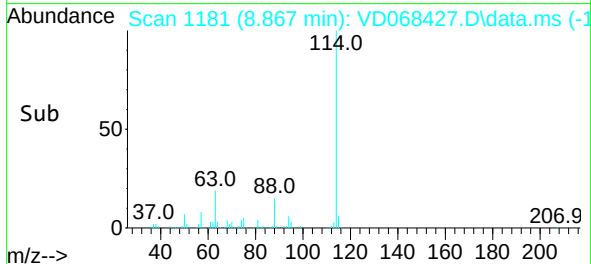
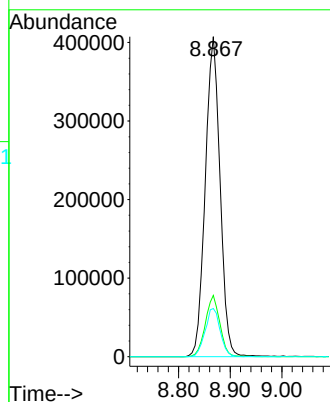
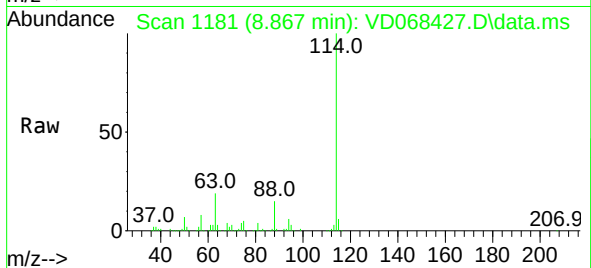
Tgt Ion:114 Resp: 809076

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.8

88 15.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.83 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068427.D

Acq: 24 Feb 2021 10:16

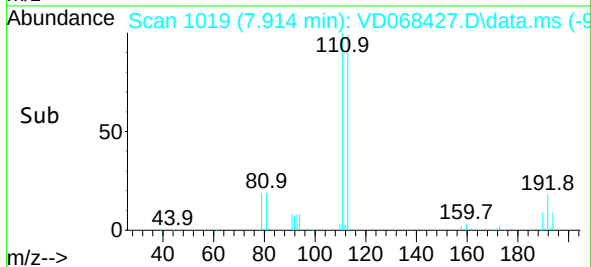
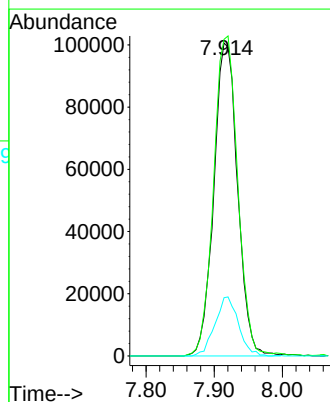
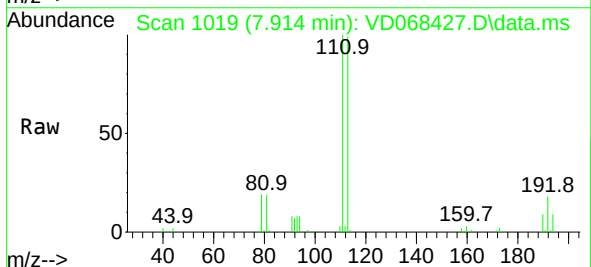
Tgt Ion:113 Resp: 244088

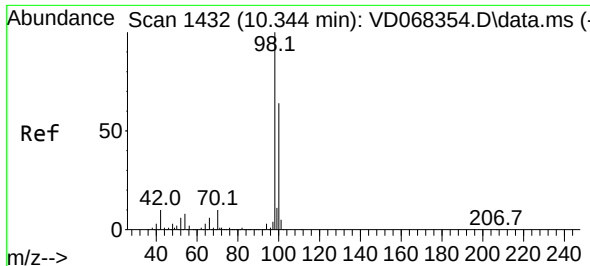
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.6 16.1 24.1

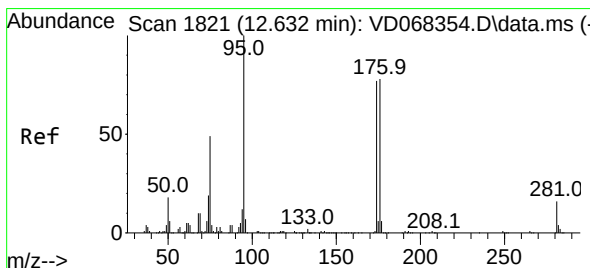
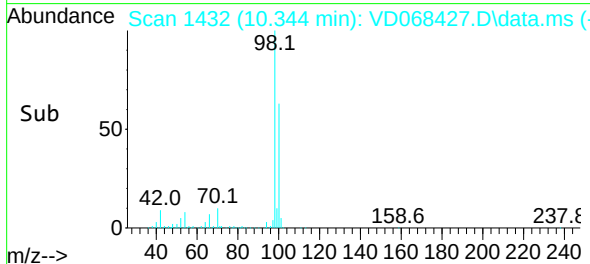
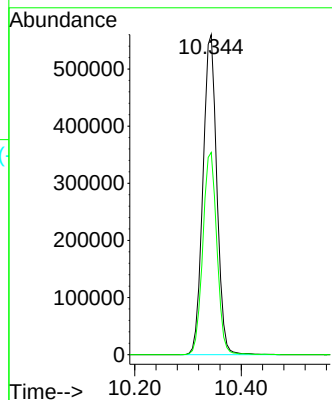
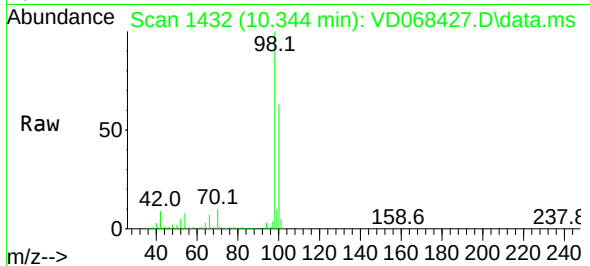




#50
Toluene-d8
Concen: 50.85 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

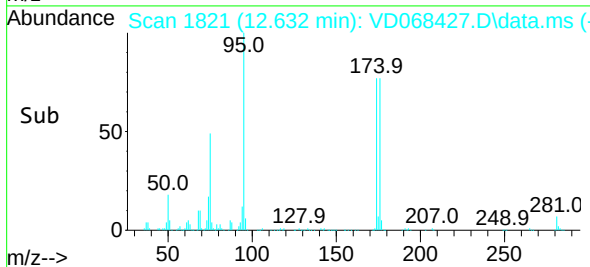
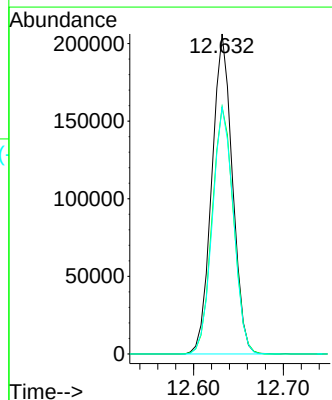
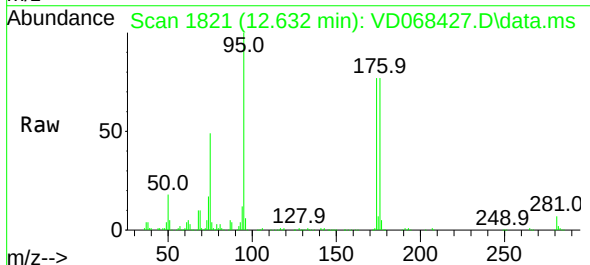
Instrument :
MSVOA_D
ClientSampled :

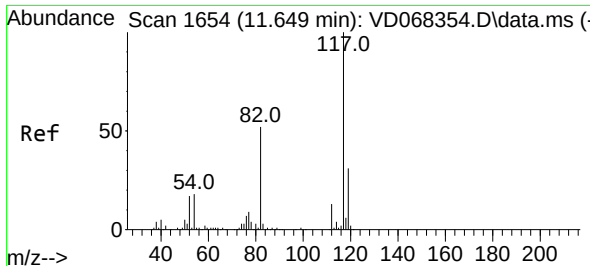
Tgt Ion: 98 Resp: 1012230
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

Tgt Ion: 95 Resp: 329285
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 78.6 0.0 168.4

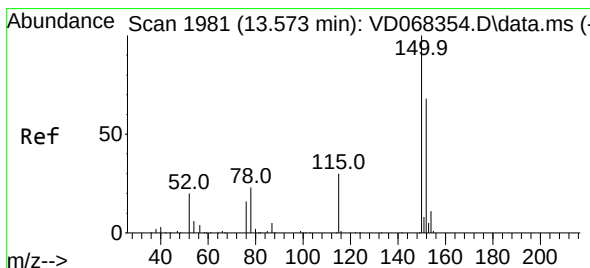
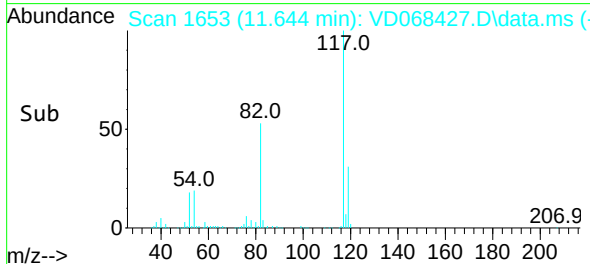
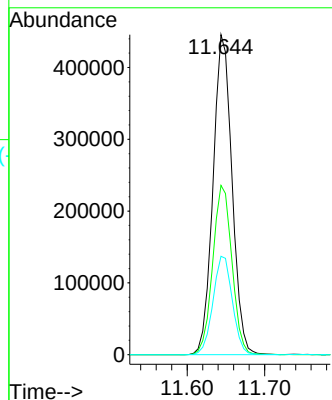
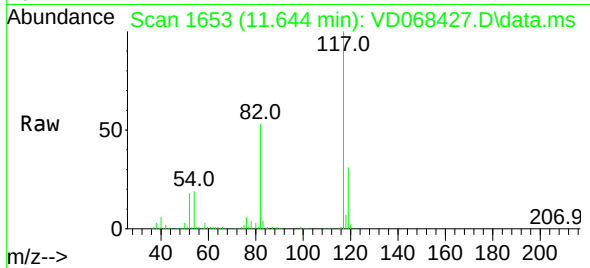




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

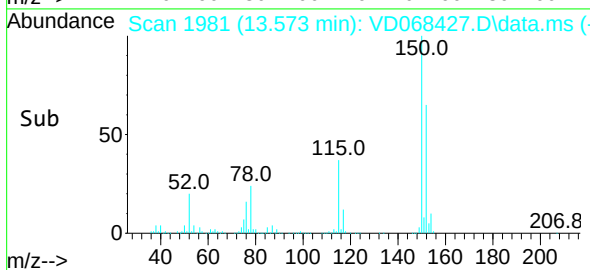
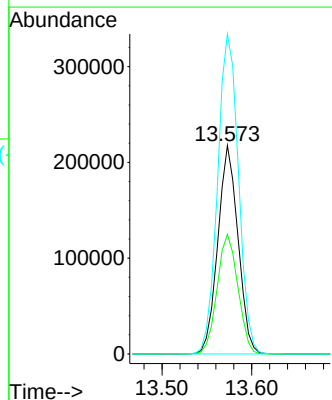
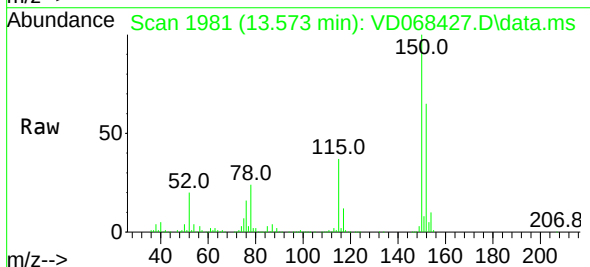
Instrument :
MSVOA_D
ClientSampleId :

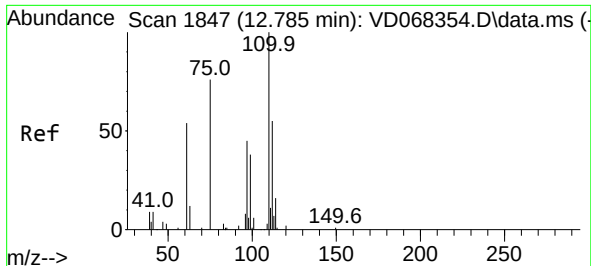
Tgt Ion:117 Resp: 758586
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 30.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

Tgt Ion:152 Resp: 340231
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 158.6 0.0 344.4

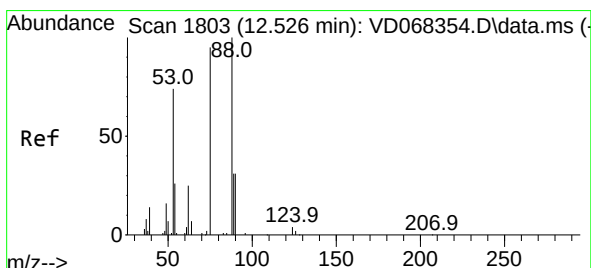
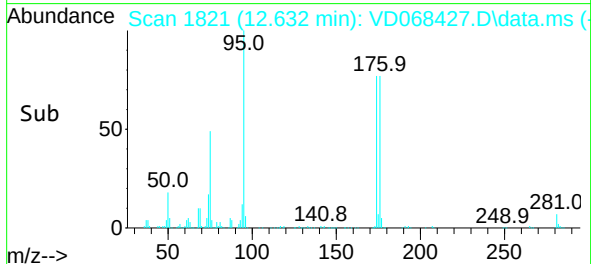
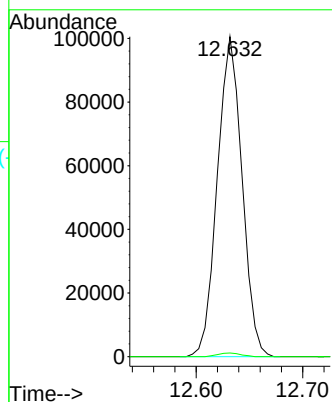
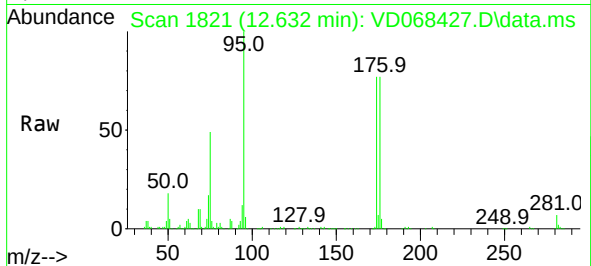




#76
1,2,3-Trichloropropane
Concen: 50.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 161970
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068427.D
Acq: 24 Feb 2021 10:16

Tgt Ion: 75 Resp: 161970
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

