

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068651.D
 Acq On : 18 Mar 2021 13:31
 Operator : VA/SY
 Sample : VD0318SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 19 01:04:42 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)

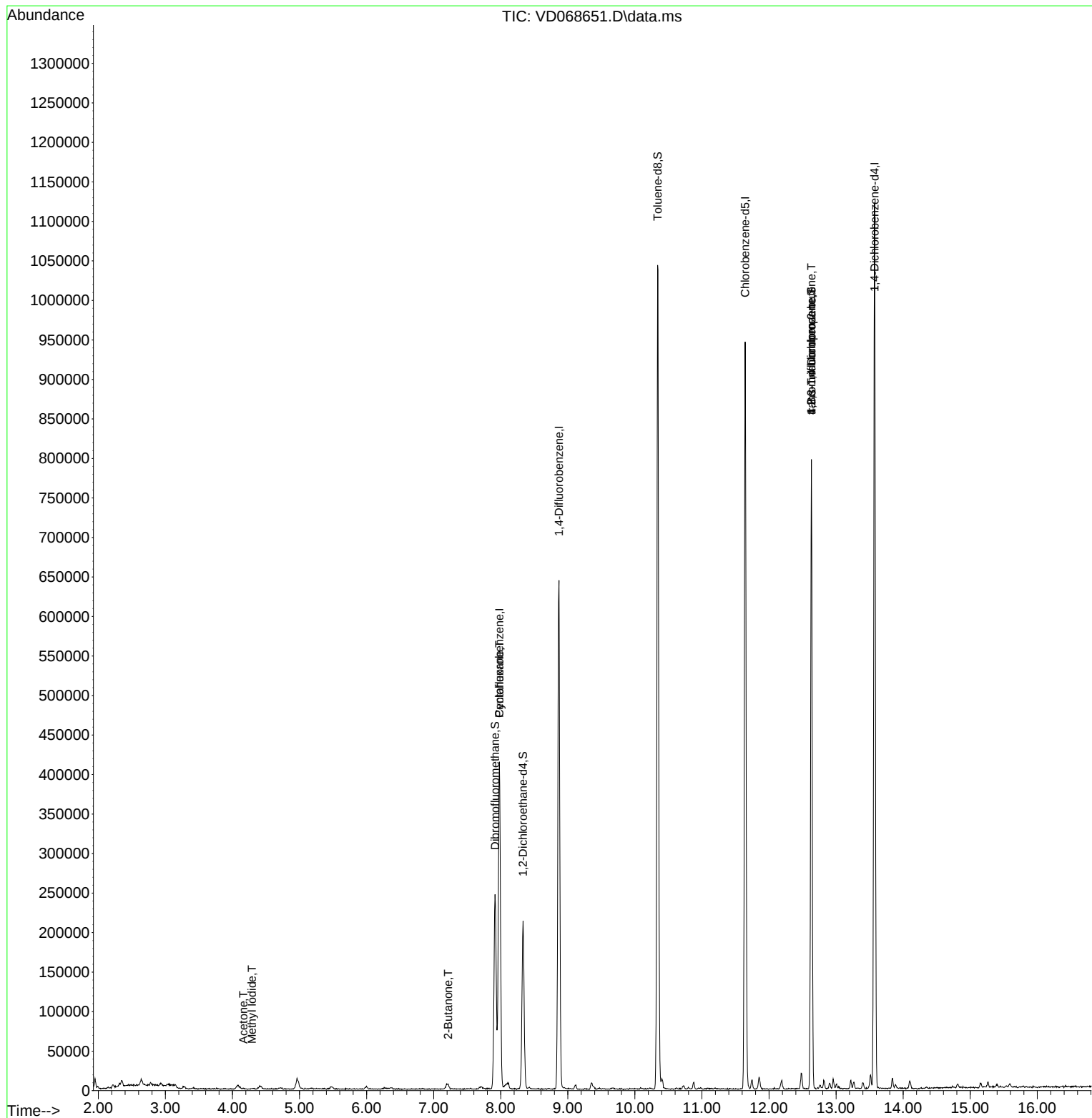
Internal Standards						
1) Pentafluorobenzene	7.979	168	308602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	574976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	561806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	164002	53.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.38%			
35) Dibromofluoromethane	7.914	113	178549	51.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.10%			
50) Toluene-d8	10.338	98	724667	52.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.06%			
62) 4-Bromofluorobenzene	12.632	95	252595	56.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.62%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	462	2.73	ug/l #	80
16) Acetone	4.162	43	1559	3.18	ug/l	91
20) Methylene Chloride	4.967	84	10496	Below Cal	#	93
25) 2-Butanone	7.214	43	885	1.26	ug/l #	43
31) Cyclohexane	7.979	56	9292	1.66	ug/l #	33
76) 1,2,3-Trichloropropane	12.632	75	130117	47.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130117	111.63	ug/l #	13

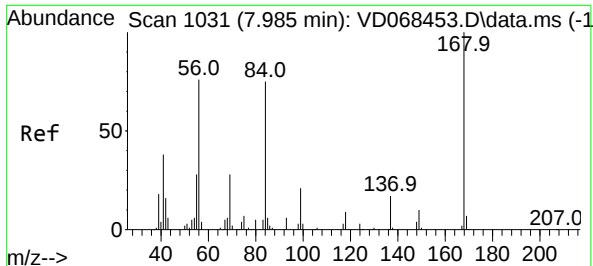
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Mar 19 01:04:42 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

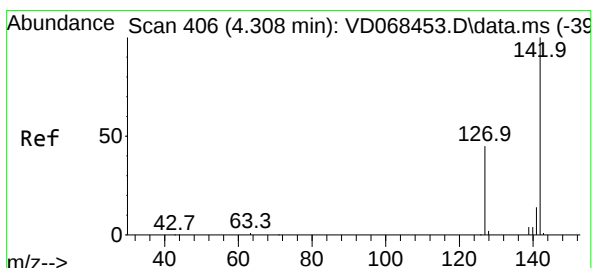
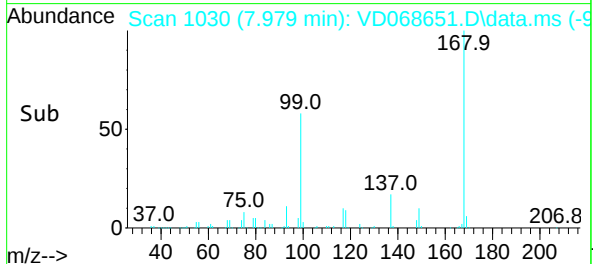
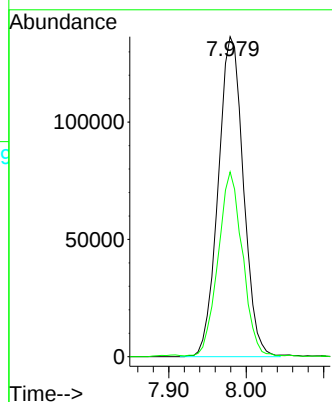
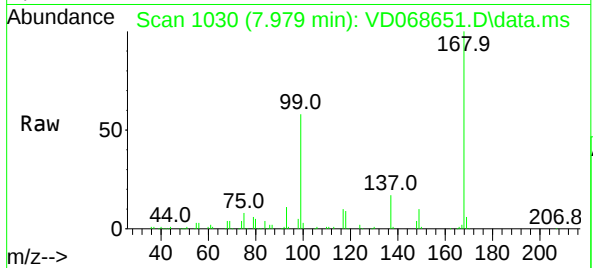




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

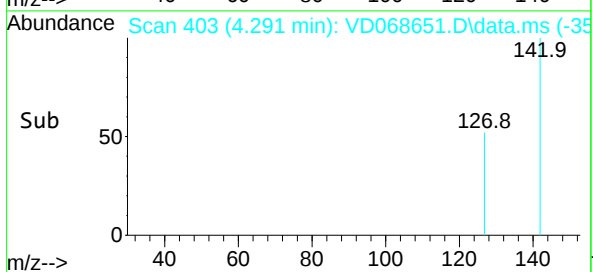
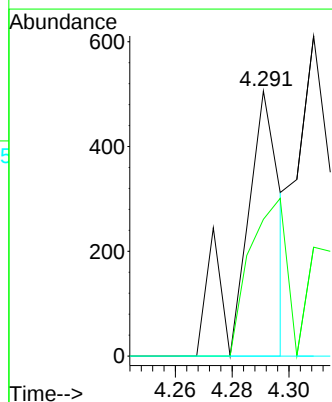
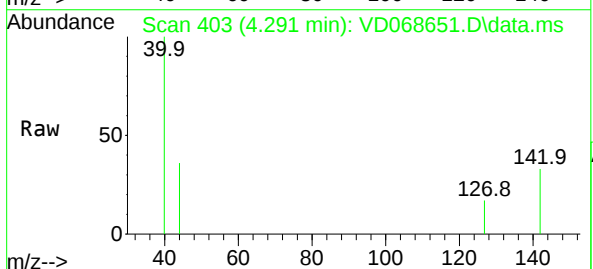
Instrument :
MSVOA_D
ClientSampleId :

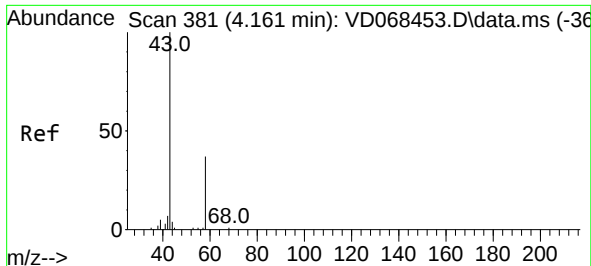
Tgt Ion:168 Resp: 308602
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.73 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

Tgt Ion:142 Resp: 462
Ion Ratio Lower Upper
142 100
127 57.6 37.9 56.9#
141 0.0 11.5 17.3#

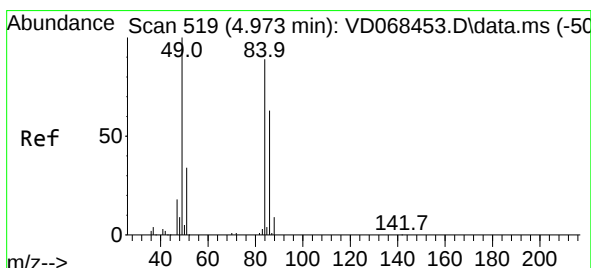
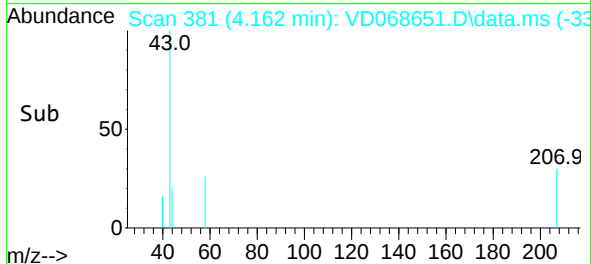
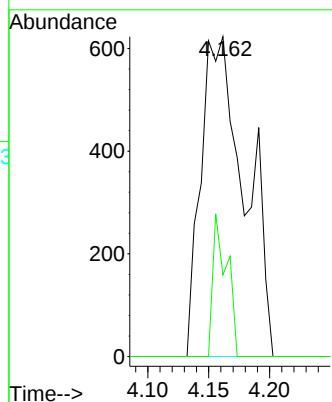
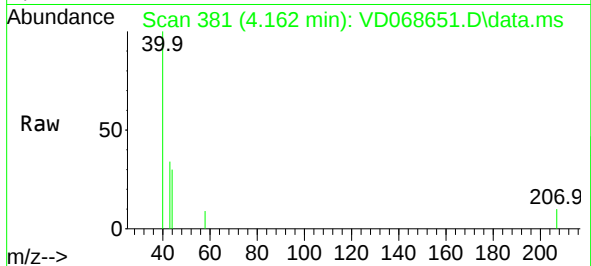




#16
Acetone
Concen: 3.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

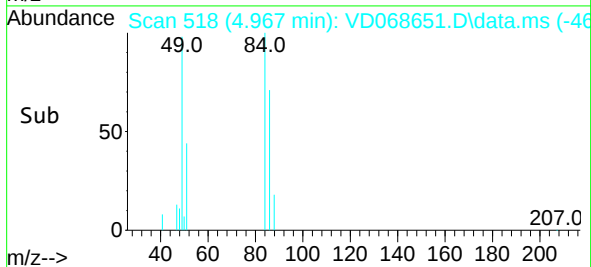
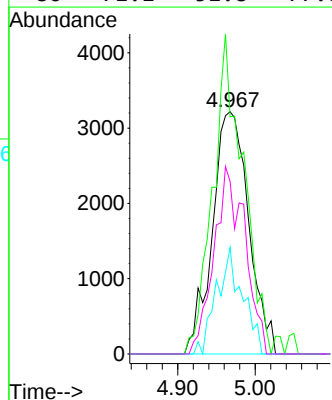
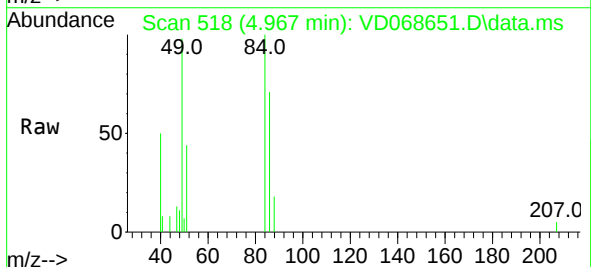
Instrument :
MSVOA_D
ClientSampled :

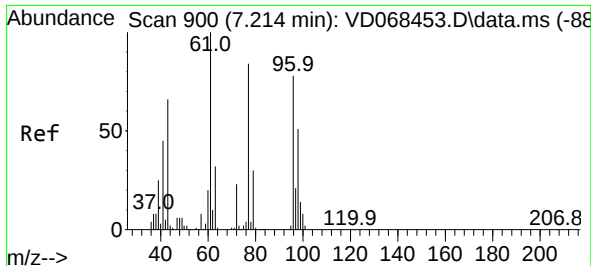
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 25.5 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

Tgt Ion: 84 Resp: 10496
Ion Ratio Lower Upper
84 100
49 97.9 77.4 116.2
51 44.0 26.1 39.1#
86 71.1 51.8 77.8

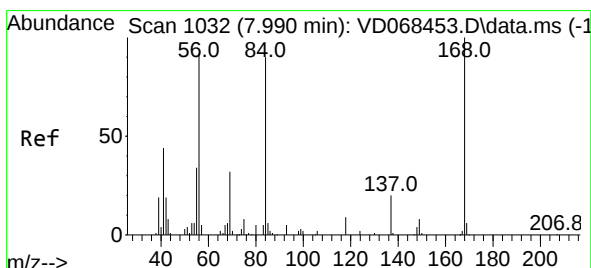
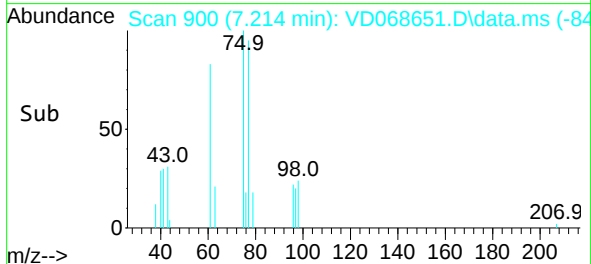
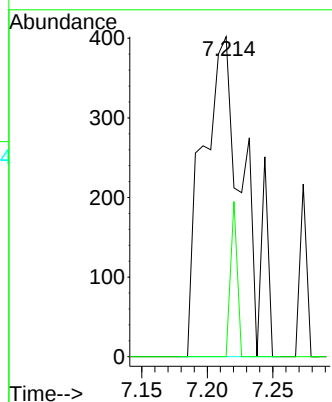
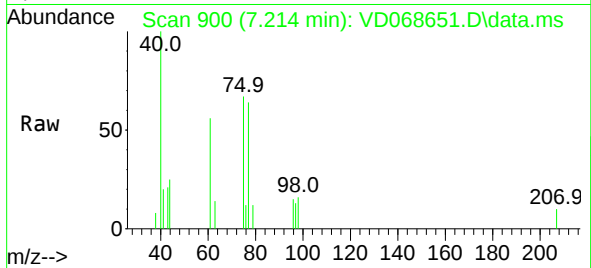




#25
2-Butanone
Concen: 1.26 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

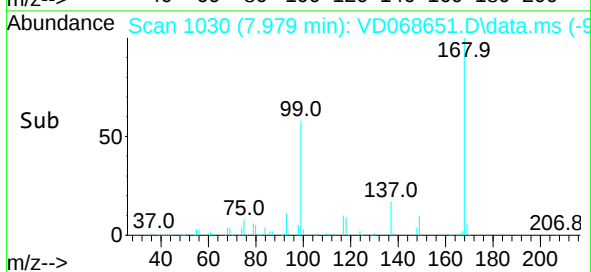
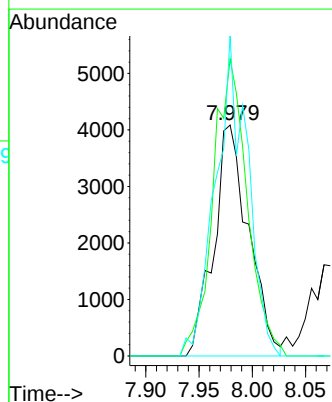
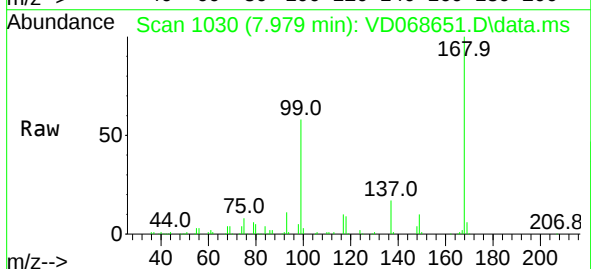
Instrument :
MSVOA_D
ClientSampled :

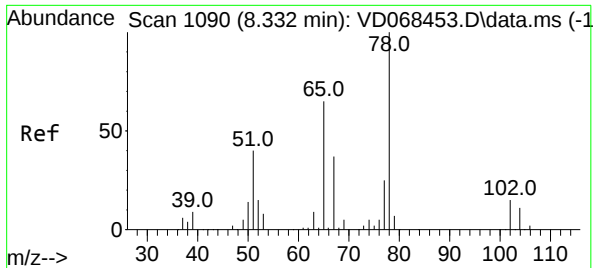
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.66 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

Tgt Ion: 56 Resp: 9292
Ion Ratio Lower Upper
56 100
69 128.6 30.1 45.1#
84 138.6 82.1 123.1#

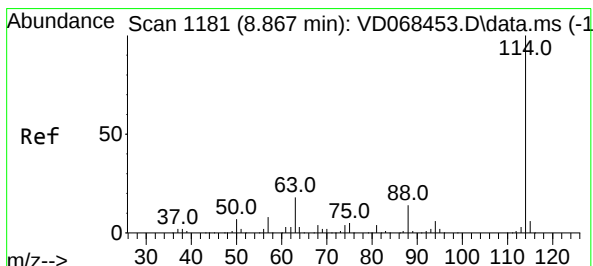
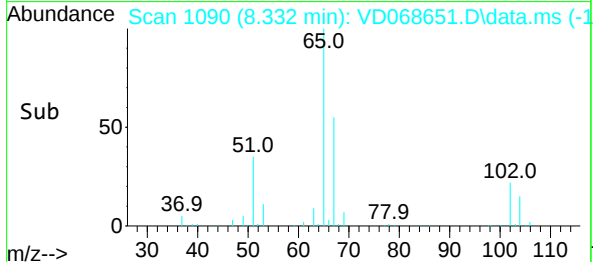
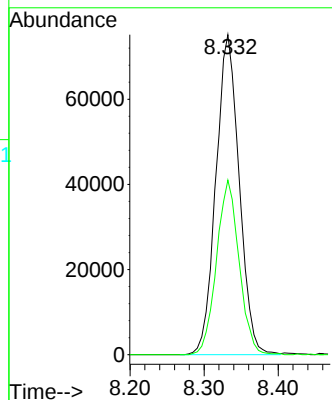
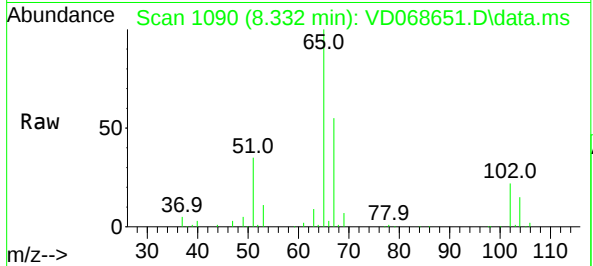




#33
1,2-Dichloroethane-d4
Concen: 53.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

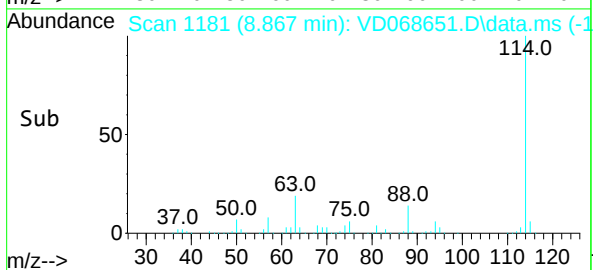
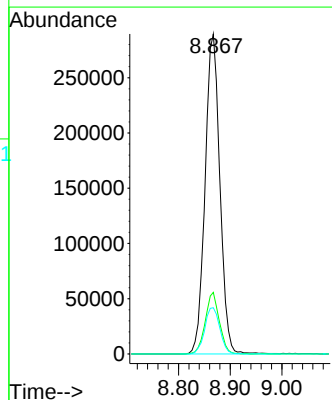
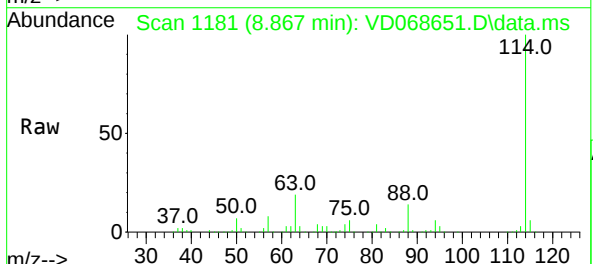
Instrument :
MSVOA_D
ClientSampled :

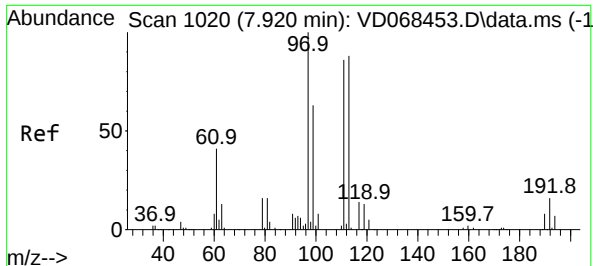
Tgt Ion: 65 Resp: 164002
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

Tgt Ion: 114 Resp: 574976
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.8
88 14.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.55 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068651.D

Acq: 18 Mar 2021 13:31

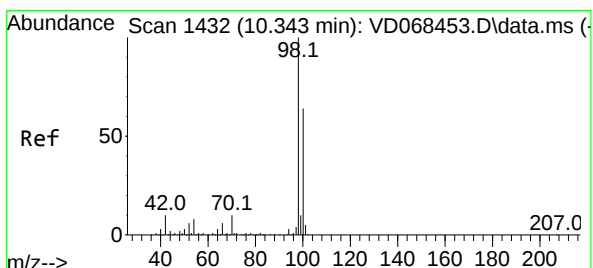
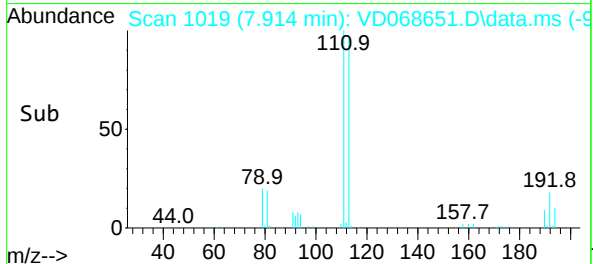
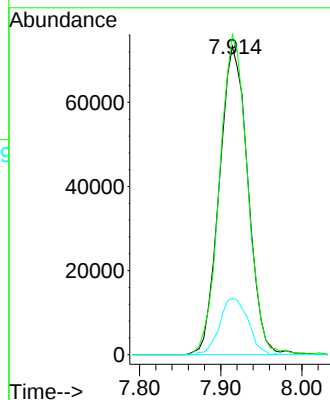
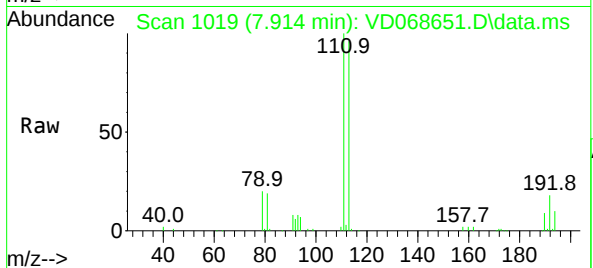
Tgt Ion:113 Resp: 178549

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.3 16.1 24.1



#50

Toluene-d8

Concen: 52.53 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD068651.D

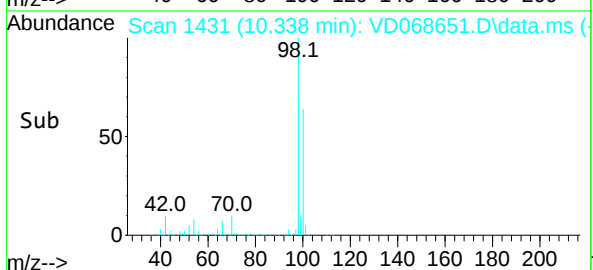
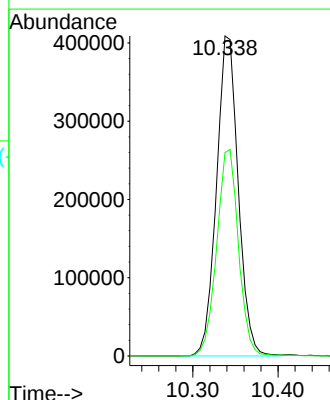
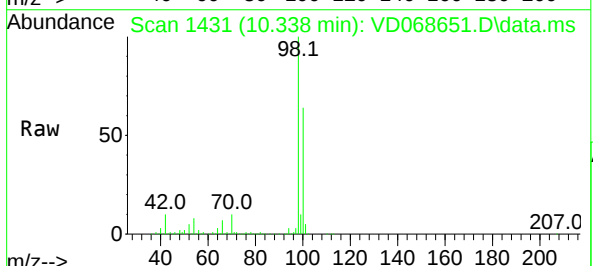
Acq: 18 Mar 2021 13:31

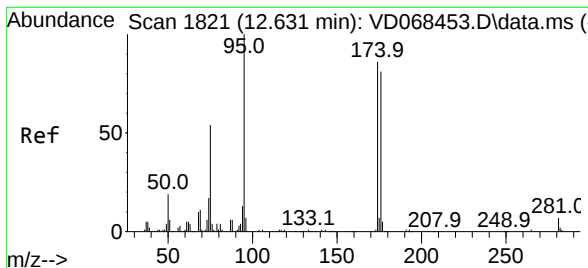
Tgt Ion: 98 Resp: 724667

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

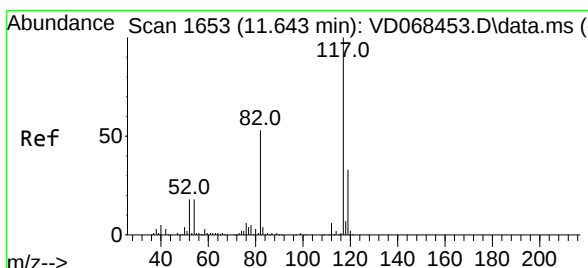
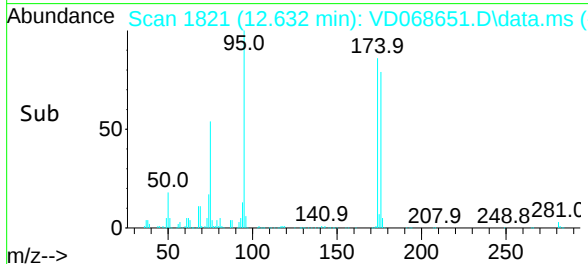
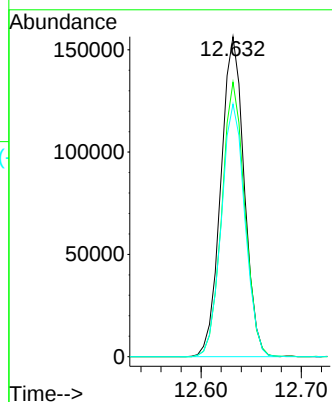
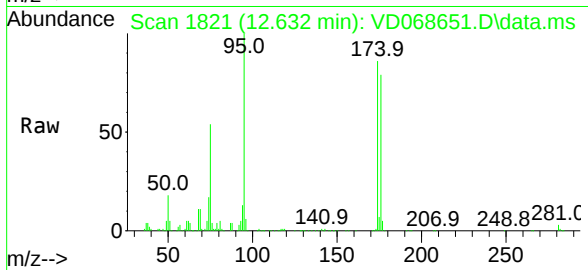




#62
4-Bromofluorobenzene
Concen: 56.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

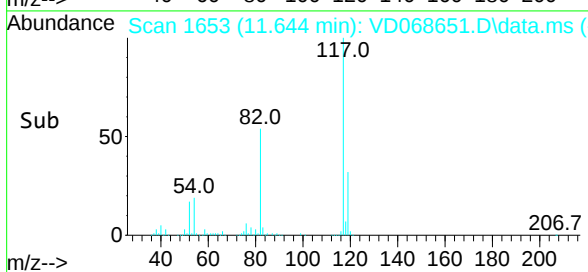
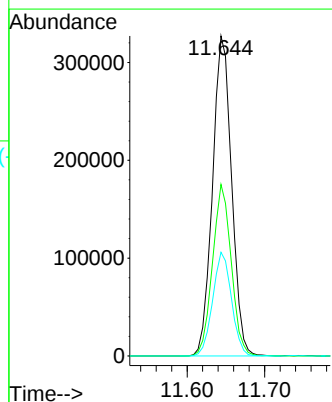
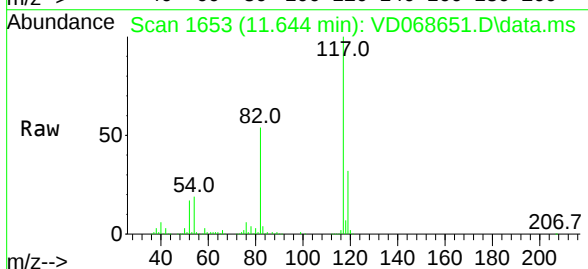
Instrument :
MSVOA_D
ClientSampleId :

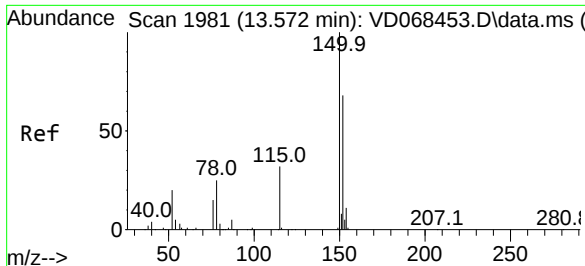
Tgt Ion: 95 Resp: 252595
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.4
176 79.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

Tgt Ion: 117 Resp: 561806
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 32.4 26.1 39.1

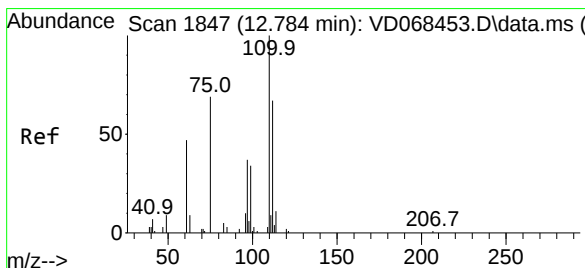
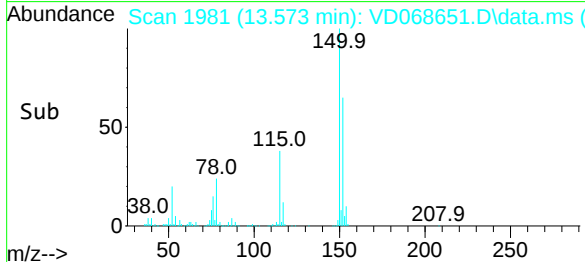
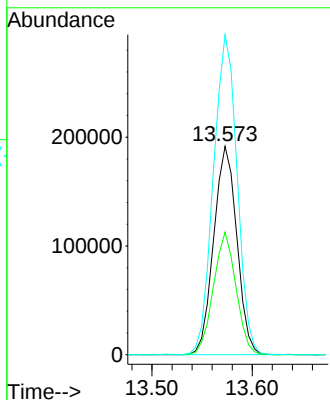
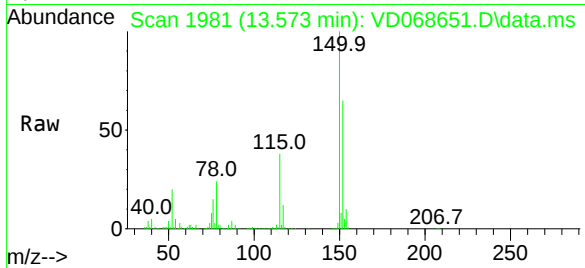




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

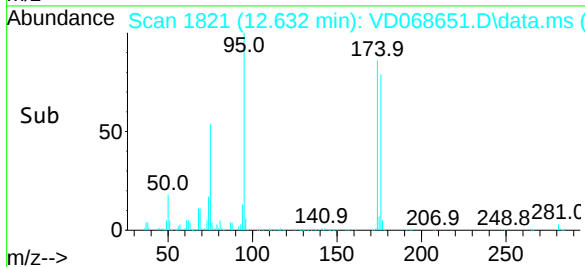
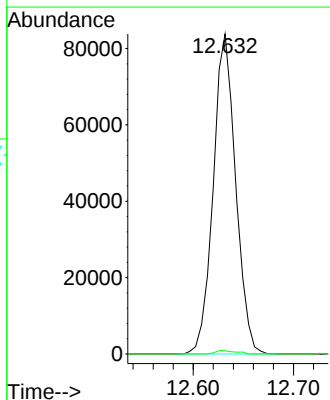
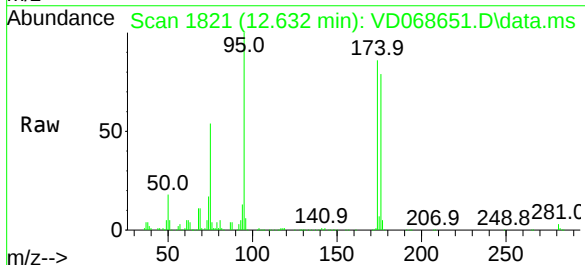
Instrument :
MSVOA_D
ClientSampleId :

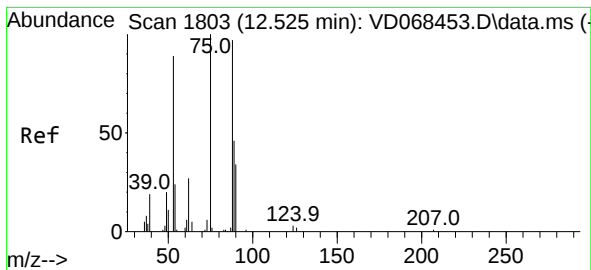
Tgt Ion:152 Resp: 306402
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.8
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 47.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068651.D
Acq: 18 Mar 2021 13:31

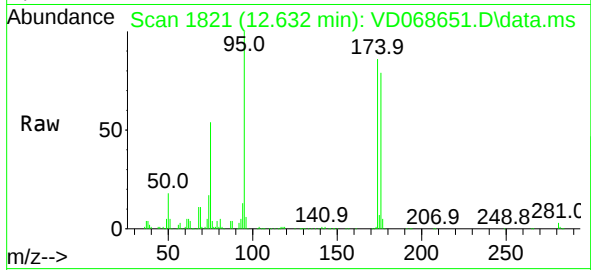
Tgt Ion: 75 Resp: 130117
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.63 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068651.D
 Acq: 18 Mar 2021 13:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 130117
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

