

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068444.D
 Acq On : 25 Feb 2021 14:47
 Operator : VA/SY
 Sample : M1499-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 26 00:28:38 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)

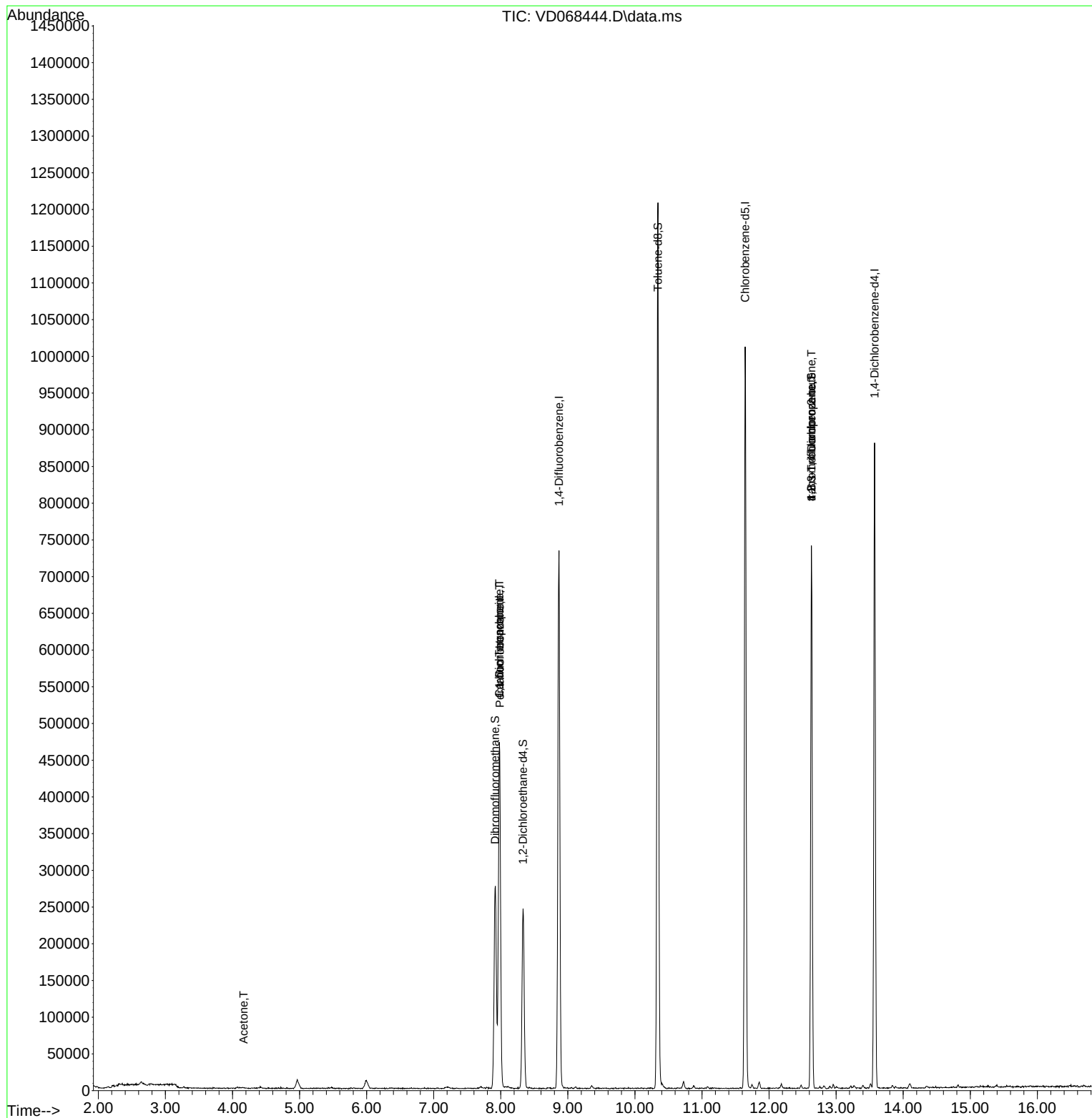
Internal Standards						
1) Pentafluorobenzene	7.985	168	355328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	666862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	605589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195238	53.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.50%	
35) Dibromofluoromethane	7.914	113	206146	52.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.16%	
50) Toluene-d8	10.344	98	838744	51.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.24%	
62) 4-Bromofluorobenzene	12.632	95	242858	45.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	2302	4.11	ug/l #	80
20) Methylene Chloride	4.967	84	8773	Below Cal	#	77
31) Cyclohexane	7.979	56	8284	Below Cal	#	21
36) 1,1-Dichloropropene	7.979	75	27617	4.68	ug/l #	48
38) Carbon Tetrachloride	7.979	117	35955	6.39	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	123887	55.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	123887	138.60	ug/l #	13

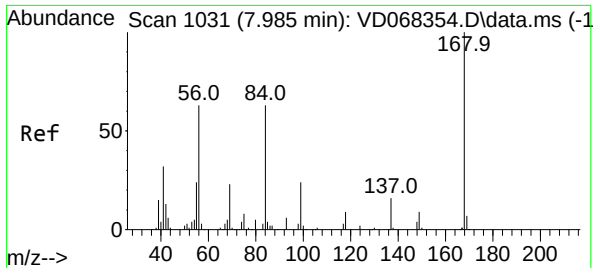
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

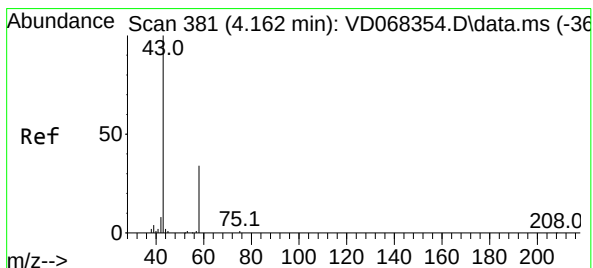
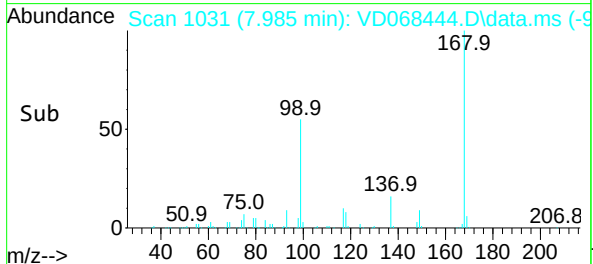
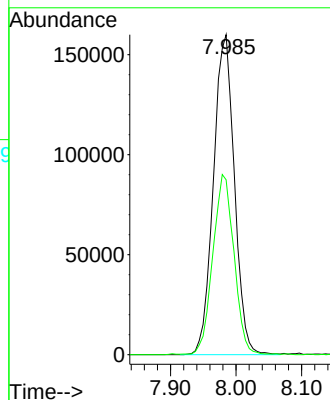
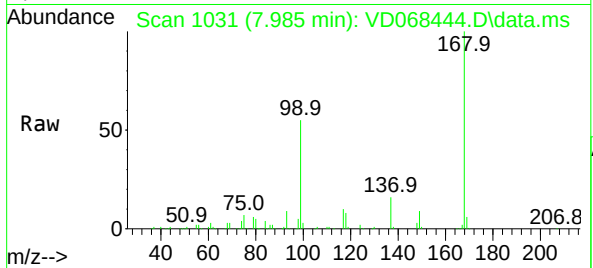




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

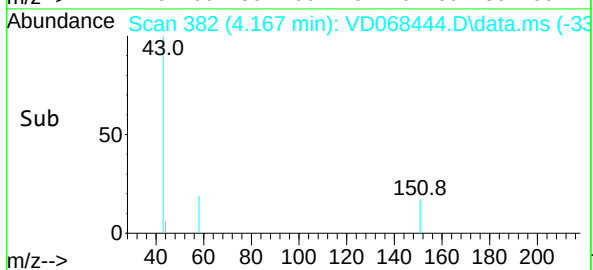
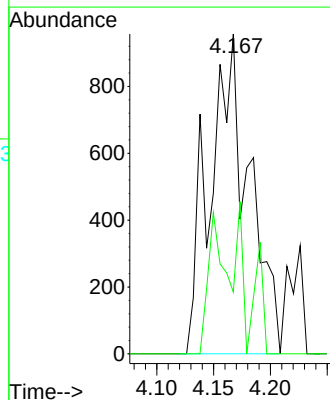
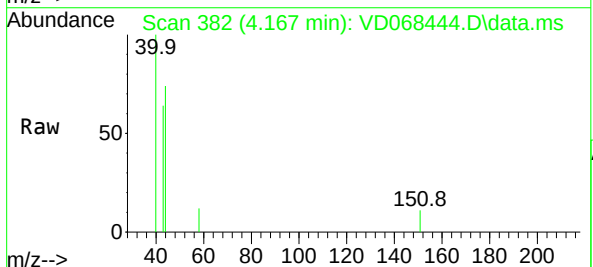
Instrument :
MSVOA_D
ClientSampleId :

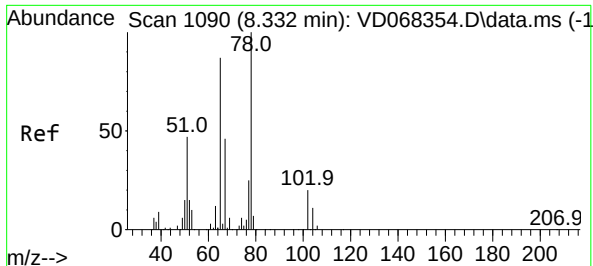
Tgt Ion:168 Resp: 355328
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#16
Acetone
Concen: 4.11 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
58 19.3 24.2 36.4#

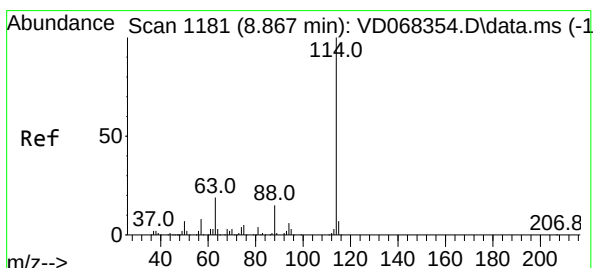
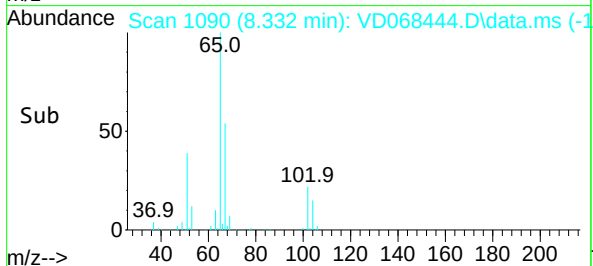
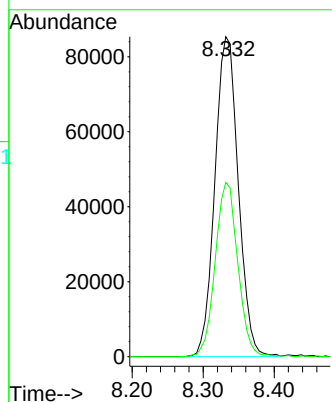
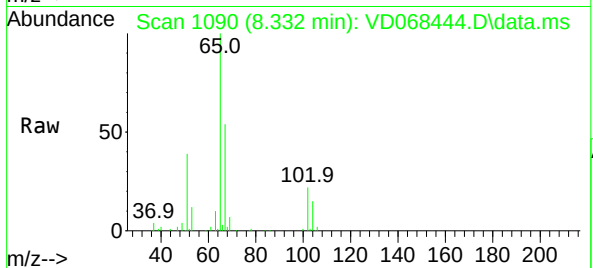




#33
1,2-Dichloroethane-d4
Concen: 53.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

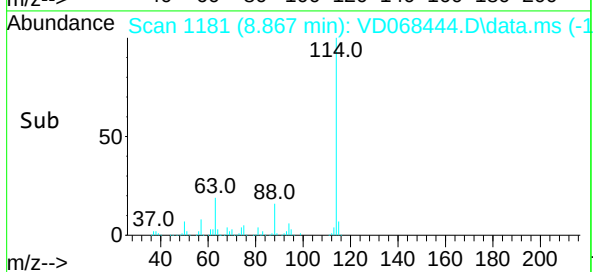
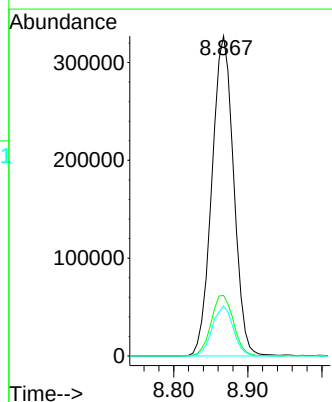
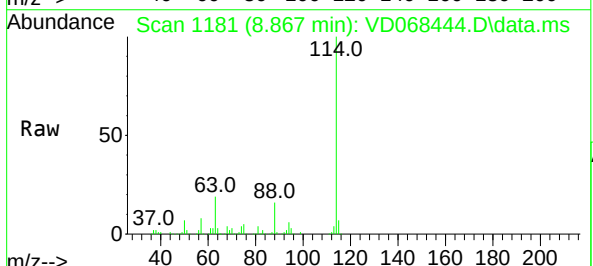
Instrument :
MSVOA_D
ClientSampleId :

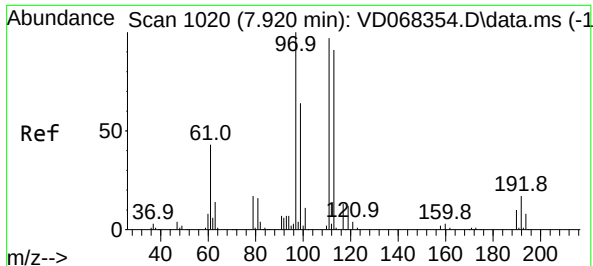
Tgt Ion: 65 Resp: 195238
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

Tgt Ion: 114 Resp: 666862
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.08 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068444.D

Acq: 25 Feb 2021 14:47

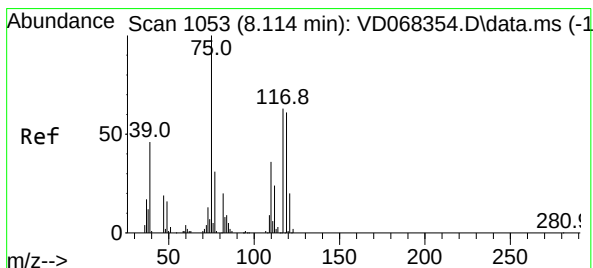
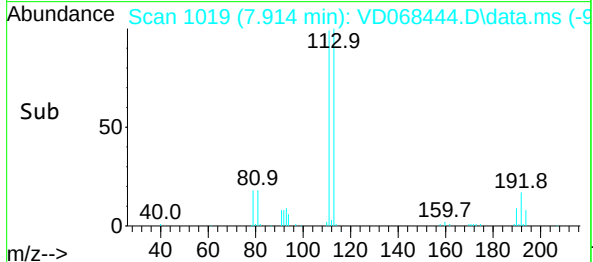
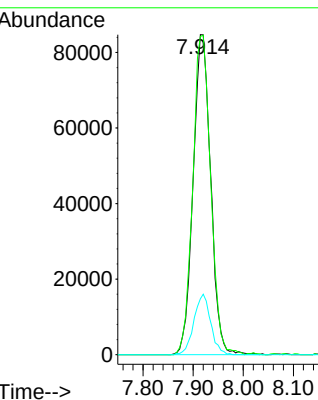
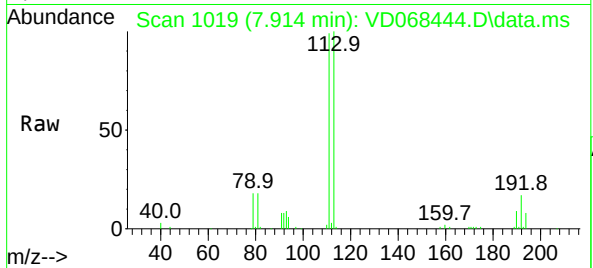
Tgt Ion:113 Resp: 206146

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 18.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068444.D

Acq: 25 Feb 2021 14:47

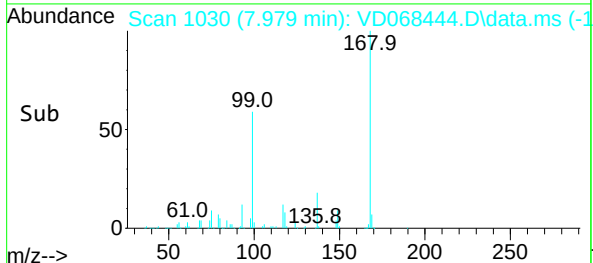
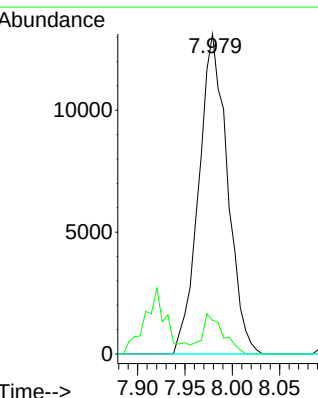
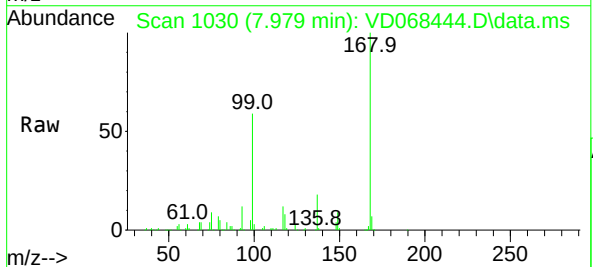
Tgt Ion: 75 Resp: 27617

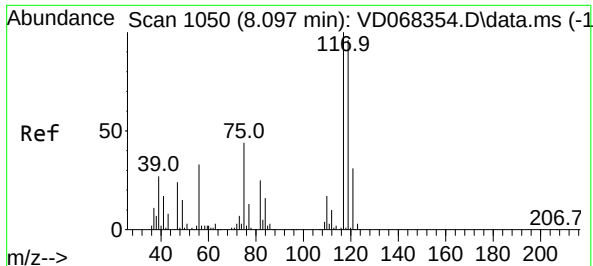
Ion Ratio Lower Upper

75 100

110 9.2 19.4 58.2#

77 0.0 25.3 37.9#

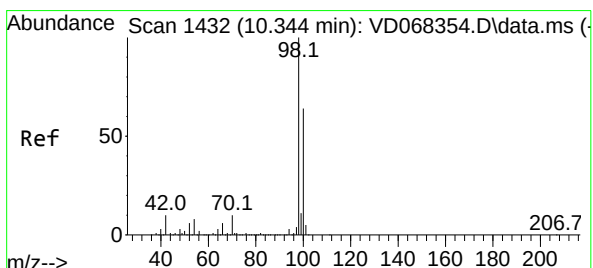
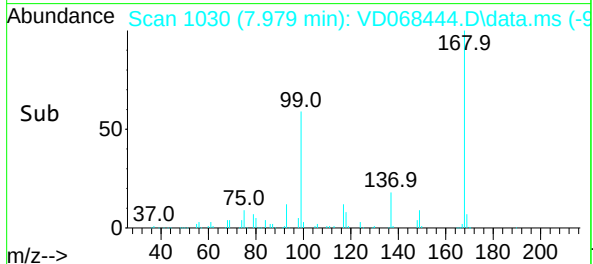
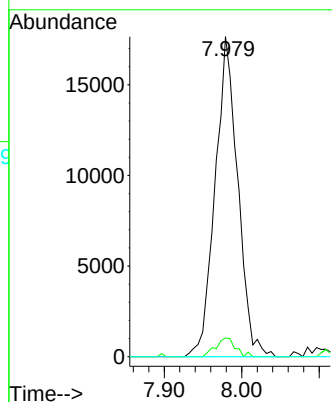
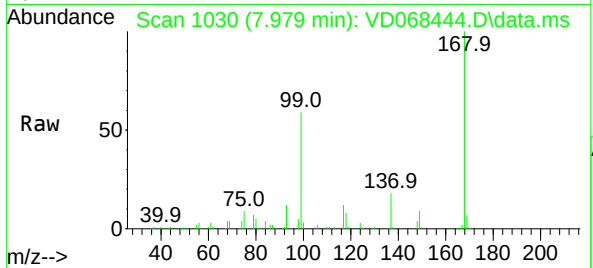




#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

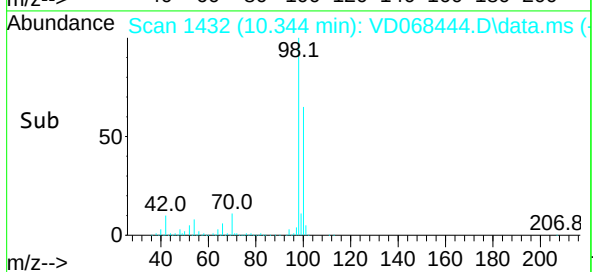
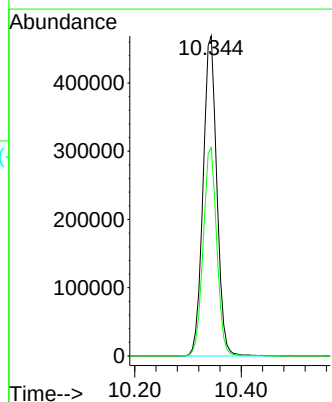
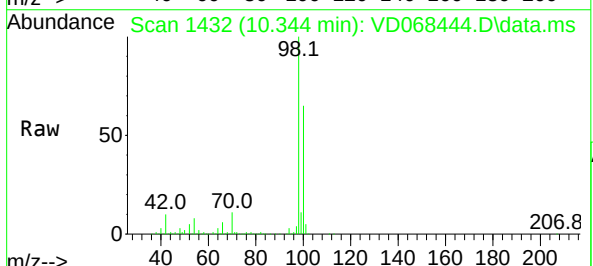
Instrument :
MSVOA_D
ClientSampleId :

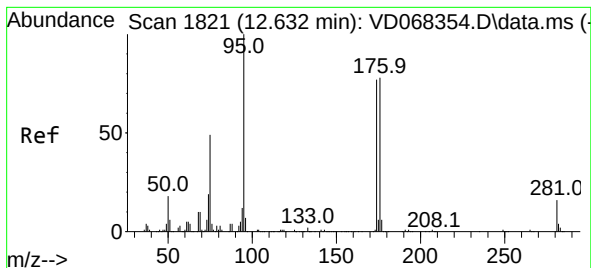
Tgt Ion:117 Resp: 35955
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

Tgt Ion: 98 Resp: 838744
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

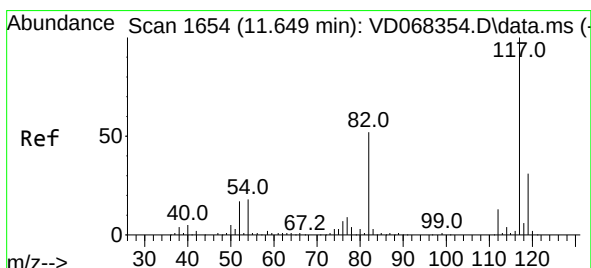
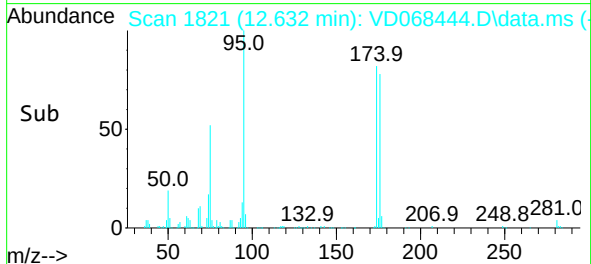
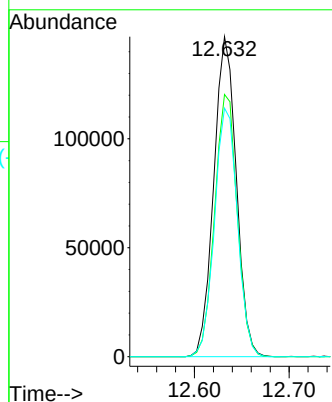
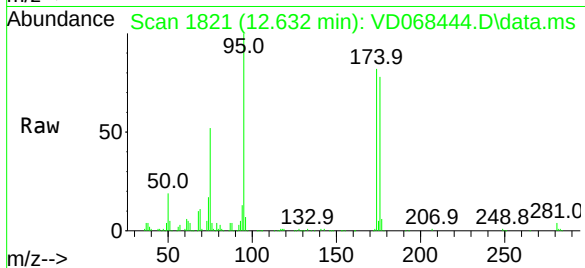




#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

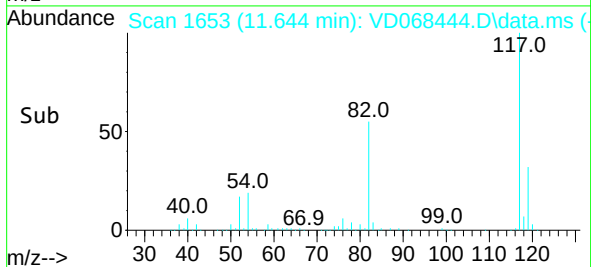
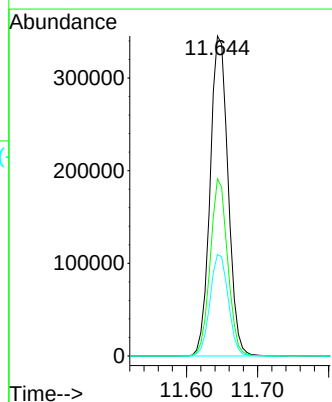
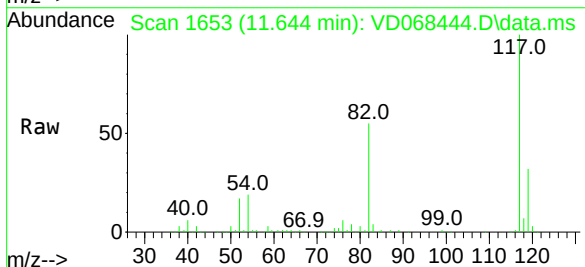
Instrument :
MSVOA_D
ClientSampleId :

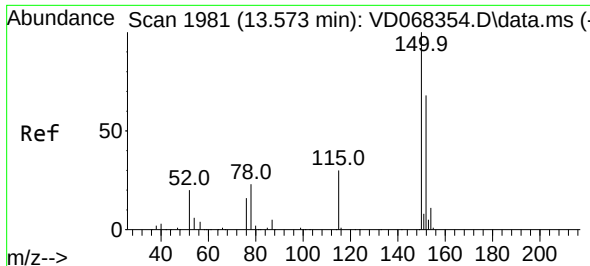
Tgt Ion: 95 Resp: 242858
Ion Ratio Lower Upper
95 100
174 82.4 0.0 172.4
176 79.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068444.D
Acq: 25 Feb 2021 14:47

Tgt Ion: 117 Resp: 605589
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 31.7 26.1 39.1

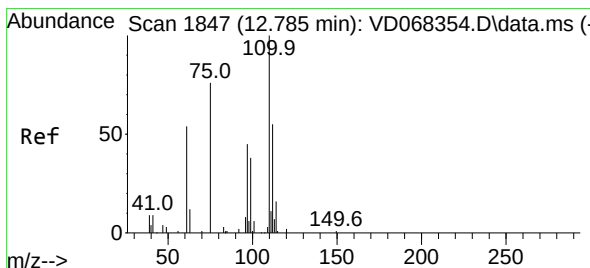
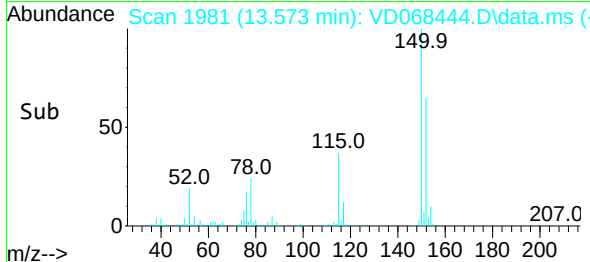
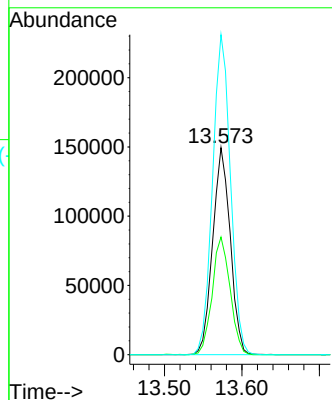
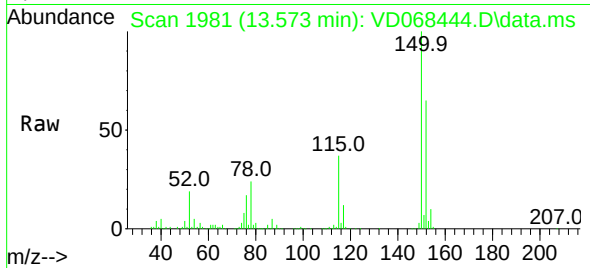




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068444.D
 Acq: 25 Feb 2021 14:47

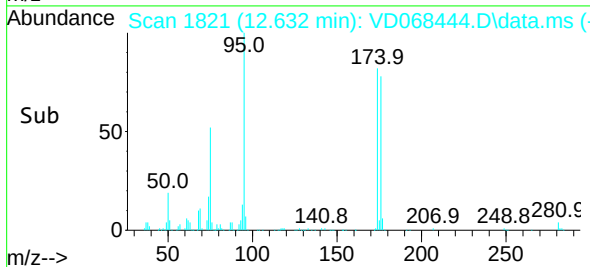
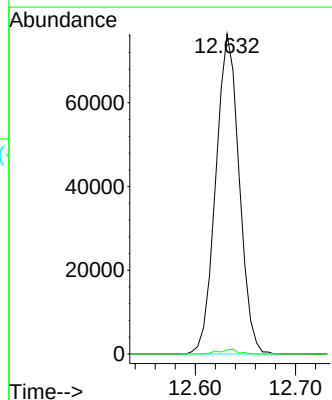
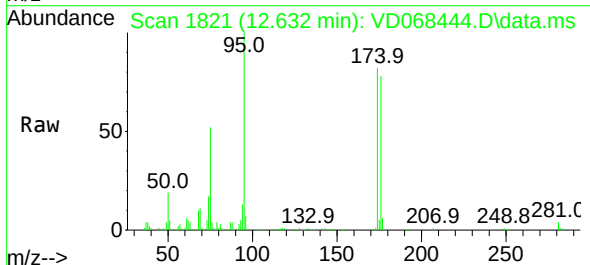
Instrument :
 MSVOA_D
 ClientSampled :

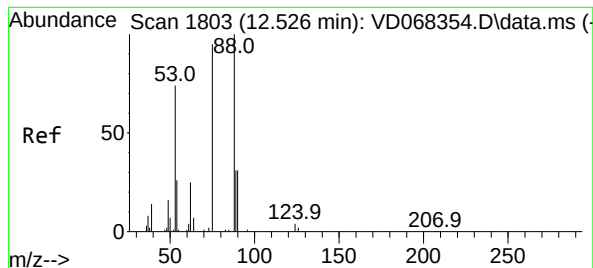
Tgt Ion:152 Resp: 235443
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.9 86.8
 150 157.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 55.30 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068444.D
 Acq: 25 Feb 2021 14:47

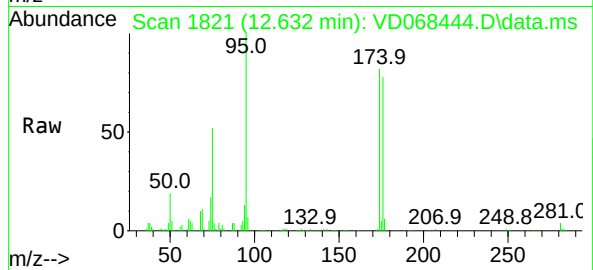
Tgt Ion: 75 Resp: 123887
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.60 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068444.D
 Acq: 25 Feb 2021 14:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 123887
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

