

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068499.D
 Acq On : 02 Mar 2021 16:38
 Operator : VA/SY
 Sample : M1539-01
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 02 23:59:18 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)

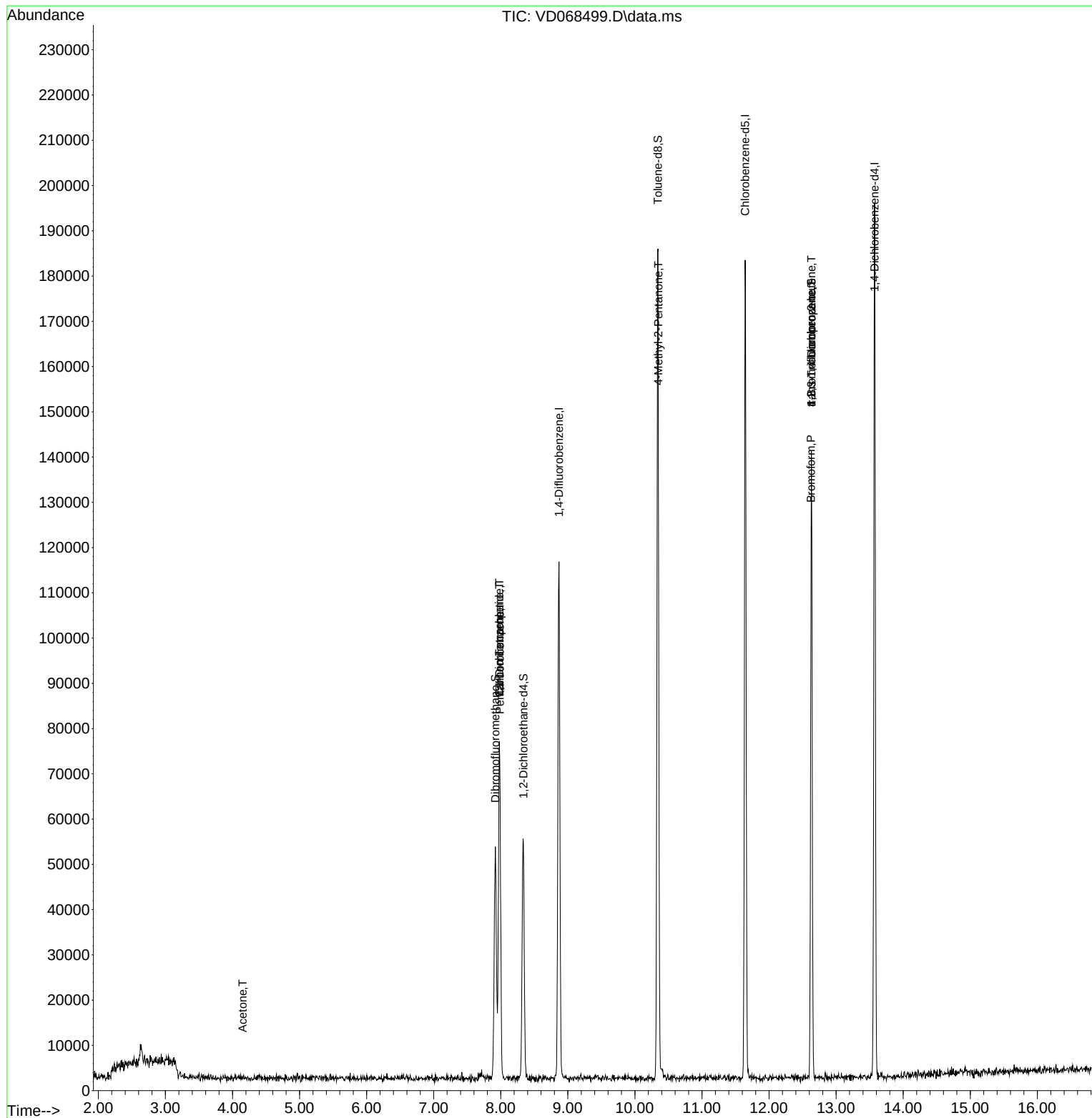
Internal Standards						
1) Pentafluorobenzene	7.985	168	57935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	108108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	109674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	52779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	41933	72.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.88%			
35) Dibromofluoromethane	7.920	113	36675	56.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.64%			
50) Toluene-d8	10.343	98	132994	51.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.632	95	45147	54.00	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.00%			
Target Compounds					Qvalue	
16) Acetone	4.150	43	573	6.23	ug/l #	44
20) Methylene Chloride	4.979	84	395	Below Cal	#	14
36) 1,1-Dichloropropene	7.979	75	4825	4.70	ug/l #	47
38) Carbon Tetrachloride	7.979	117	5789	6.00	ug/l #	20
51) 4-Methyl-2-Pentanone	10.349	43	488	1.49	ug/l #	1
71) Bromoform	12.626	173	481	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	21901	46.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	21901	109.08	ug/l #	13

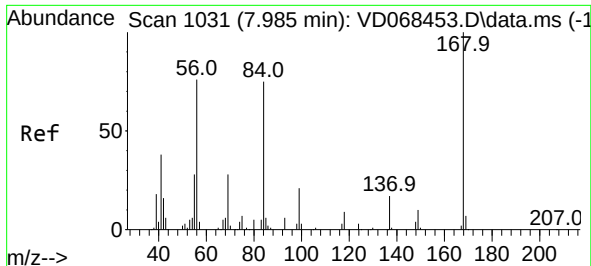
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068499.D
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Misc : 4.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Mar 02 23:59:18 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

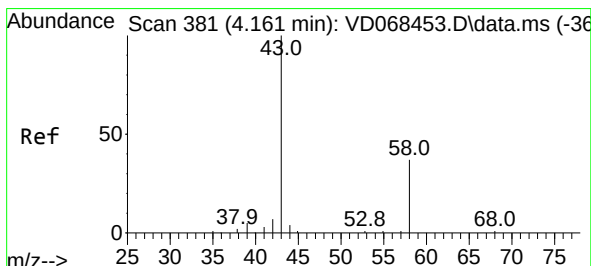
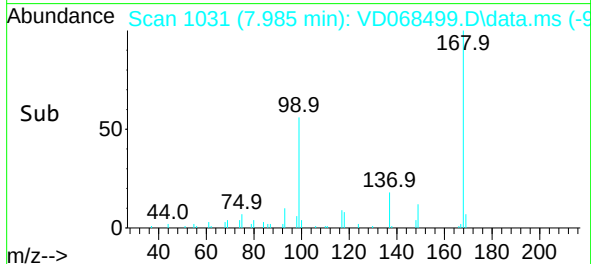
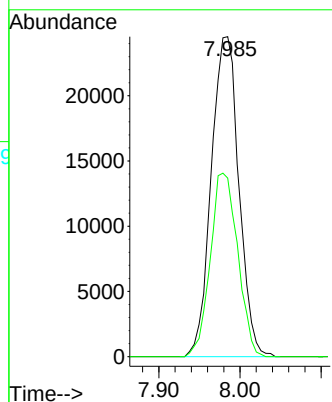
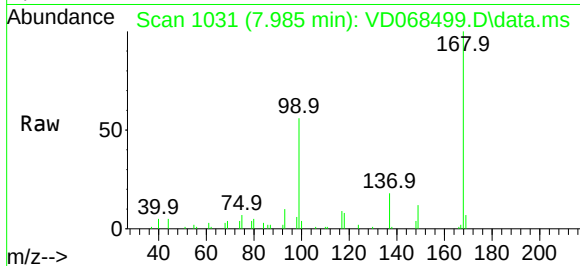




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

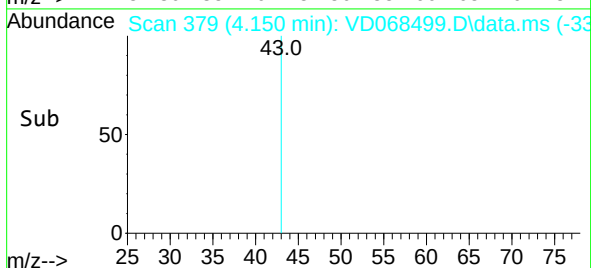
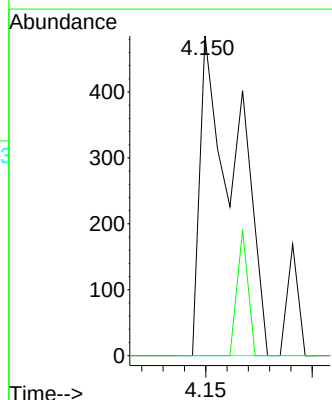
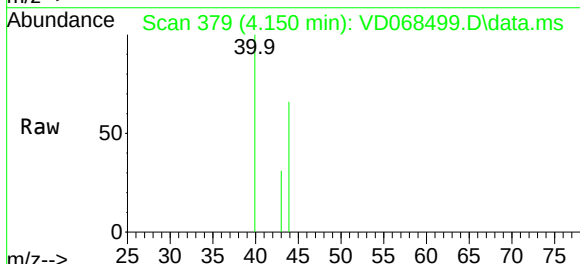
Instrument :
MSVOA_D
ClientSampled :

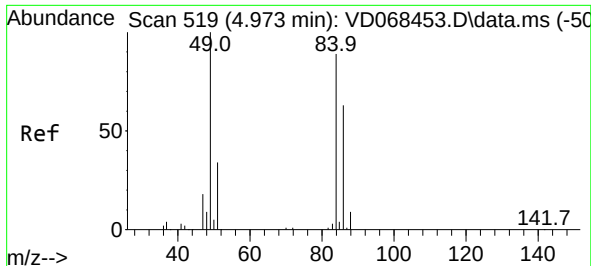
Tgt Ion:168 Resp: 57935
Ion Ratio Lower Upper
168 100
99 55.8 43.5 65.3



#16
Acetone
Concen: 6.23 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

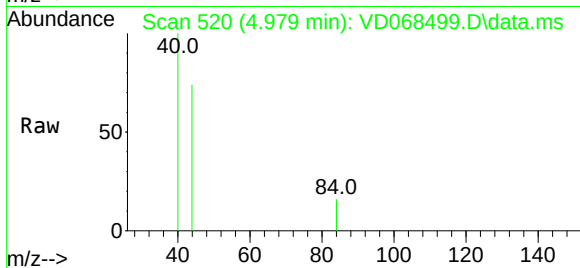
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



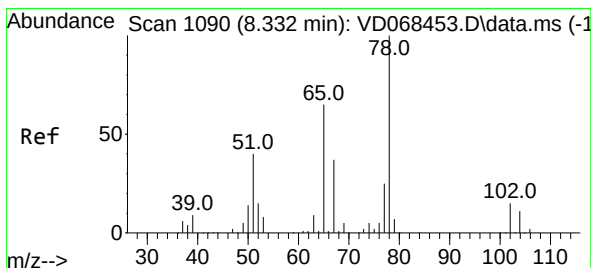
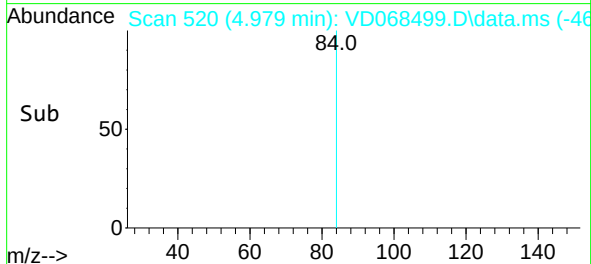
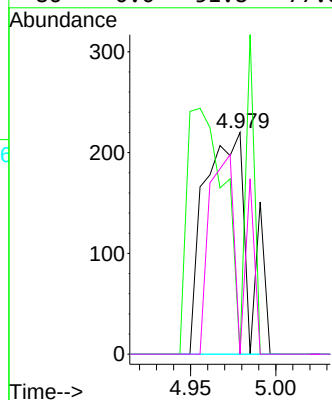


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Instrument :
MSVOA_D
ClientSampled :

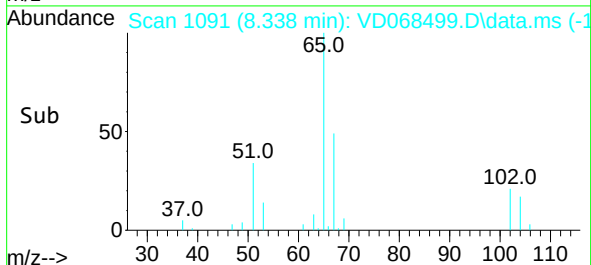
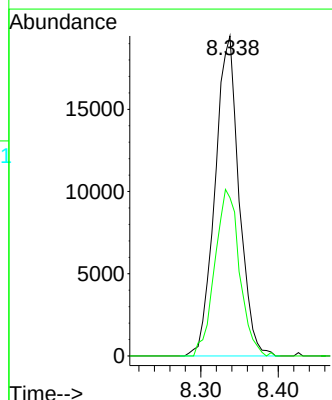
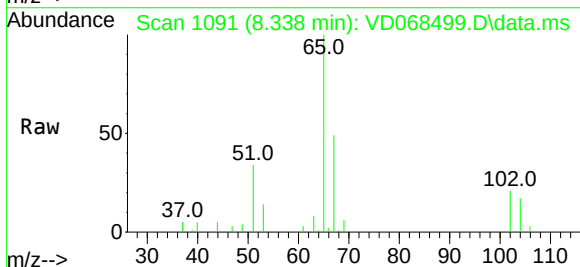


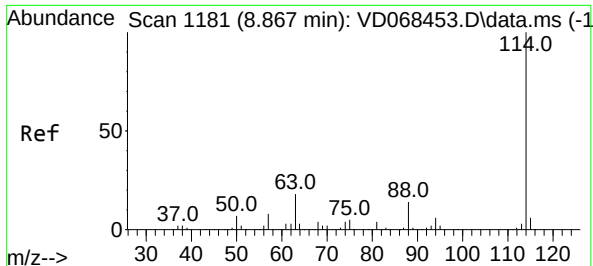
Tgt Ion: 84 Resp: 395
Ion Ratio Lower Upper
84 100
49 0.0 77.4 116.2#
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 72.44 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion: 65 Resp: 41933
Ion Ratio Lower Upper
65 100
67 53.7 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: VD068499.D

Acq: 02 Mar 2021 16:38

Tgt Ion:114 Resp: 108108

Ion Ratio Lower Upper

114 100

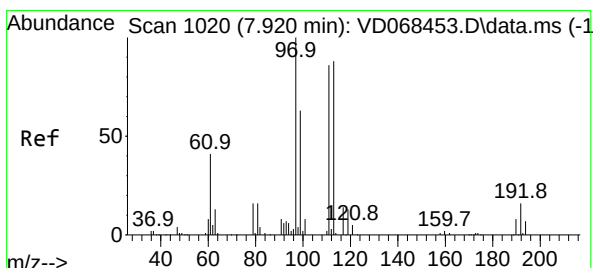
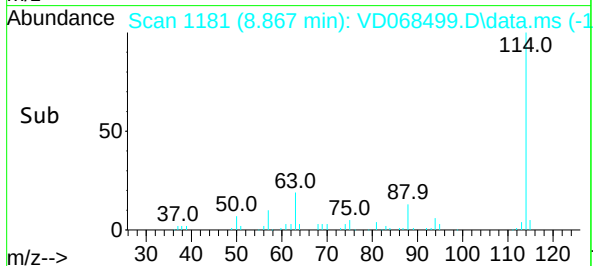
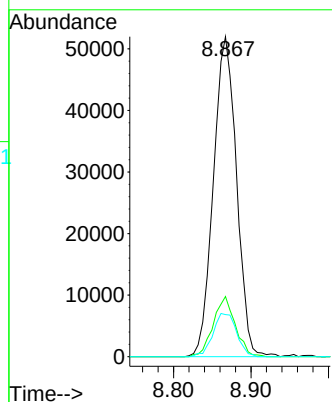
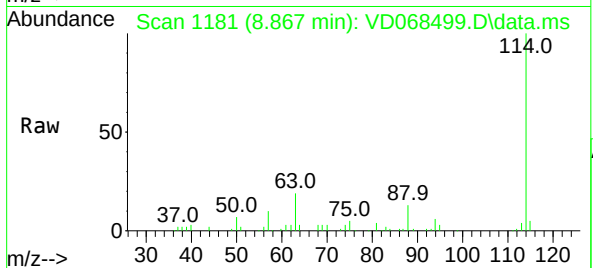
63 18.8 0.0 34.8

88 13.2 0.0 31.6

Instrument :

MSVOA_D

ClientSampled :



#35

Dibromofluoromethane

Concen: 56.32 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068499.D

Acq: 02 Mar 2021 16:38

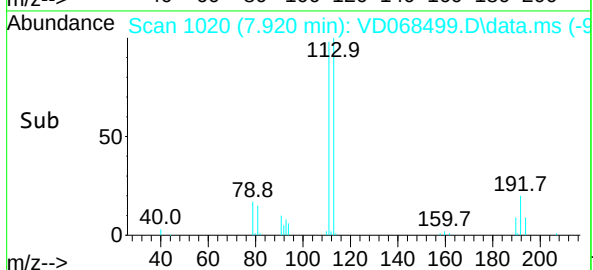
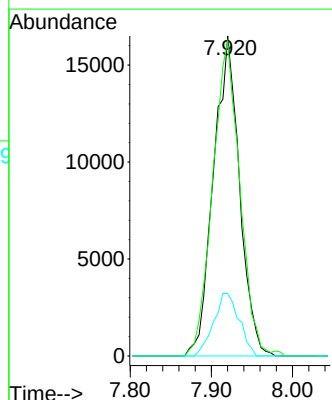
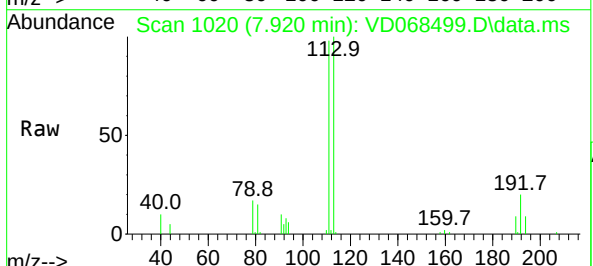
Tgt Ion:113 Resp: 36675

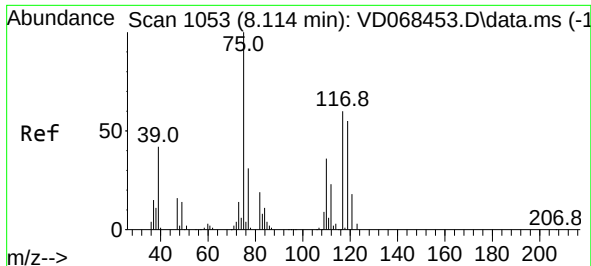
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.2 16.1 24.1

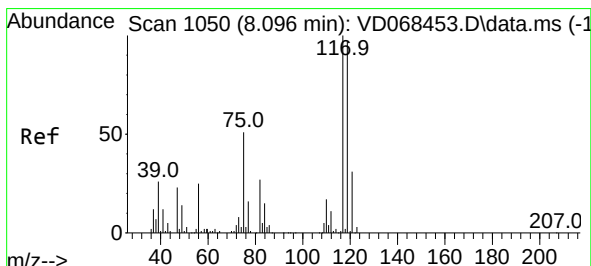
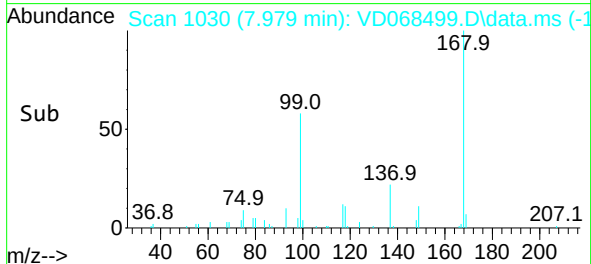
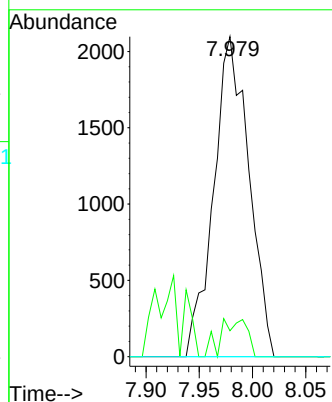
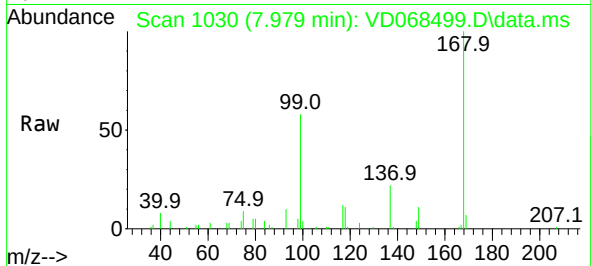




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

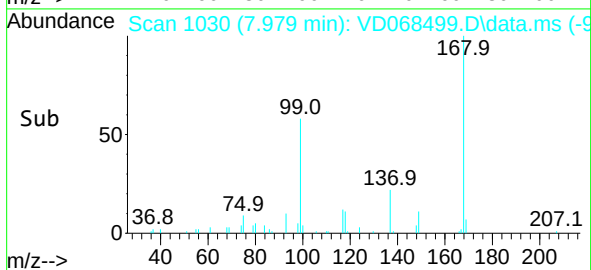
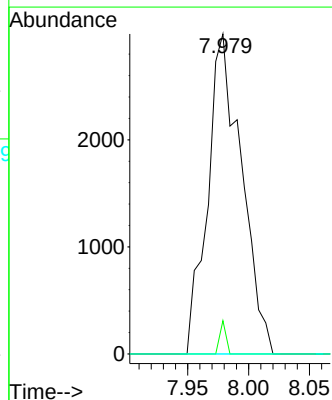
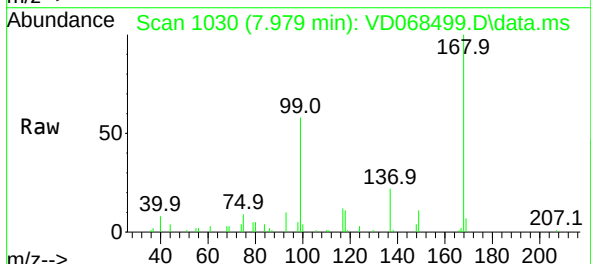
Instrument :
MSVOA_D
ClientSampled :

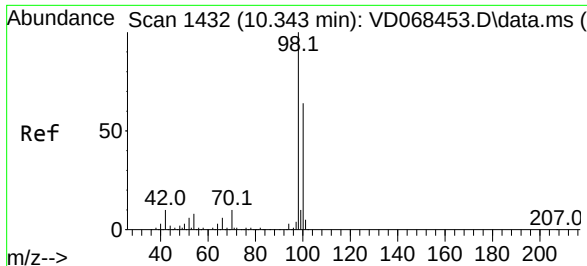
Tgt Ion: 75 Resp: 4825
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion: 117 Resp: 5789
Ion Ratio Lower Upper
117 100
119 10.4 77.3 115.9#
121 0.0 24.7 37.1#

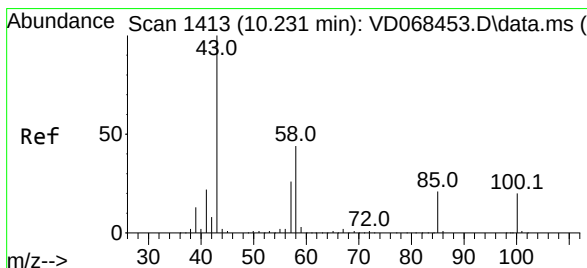
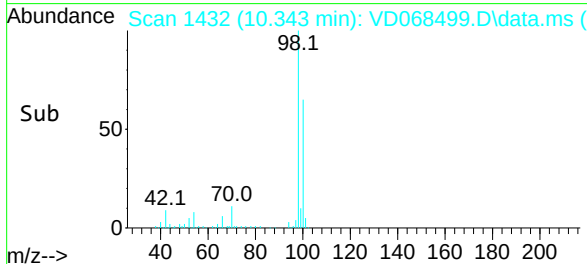
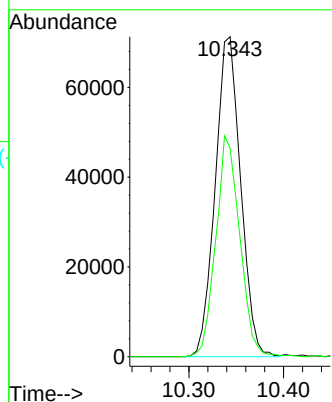
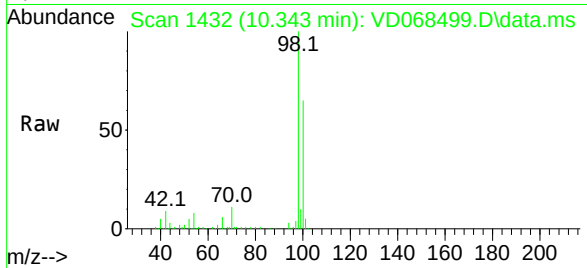




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

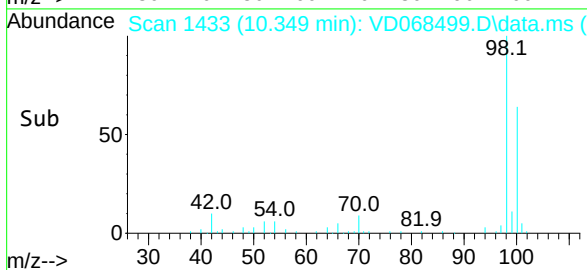
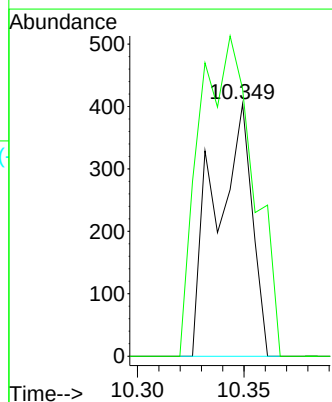
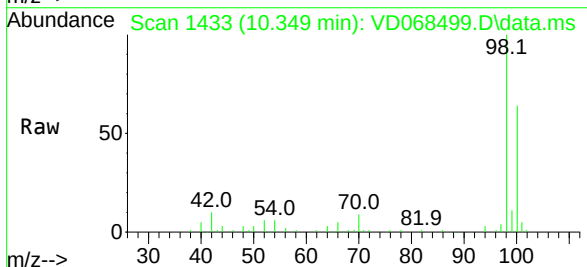
Instrument :
MSVOA_D
ClientSampled :

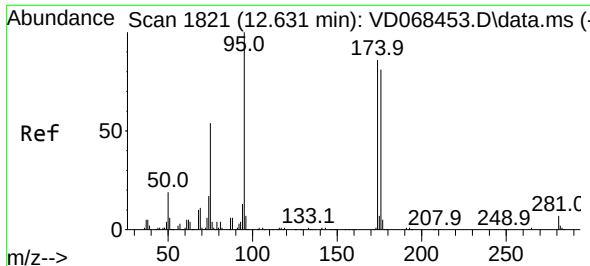
Tgt Ion: 98 Resp: 132994
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.49 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.118 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
58 185.2 36.1 54.1#

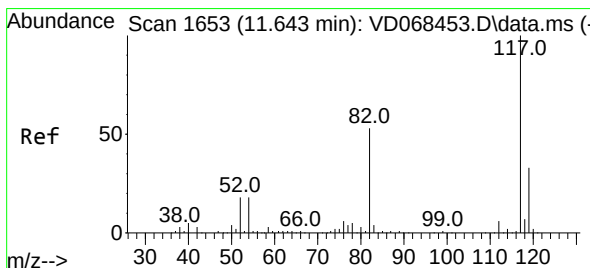
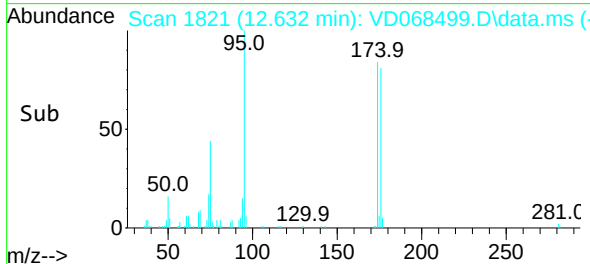
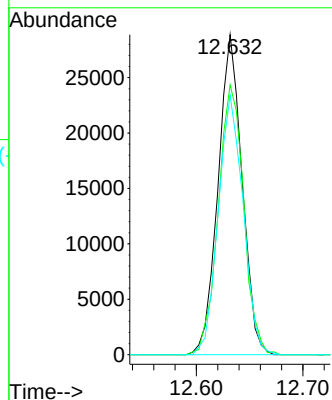
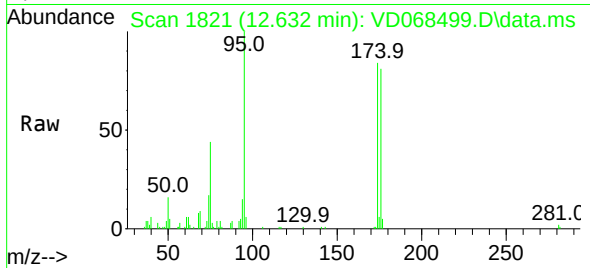




#62
4-Bromofluorobenzene
Concen: 54.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

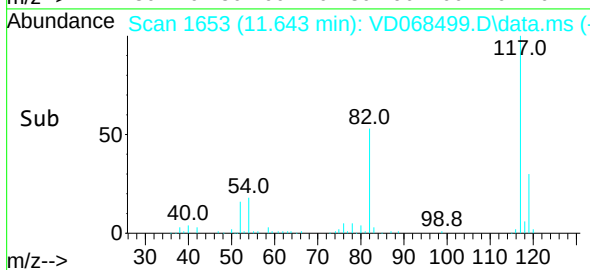
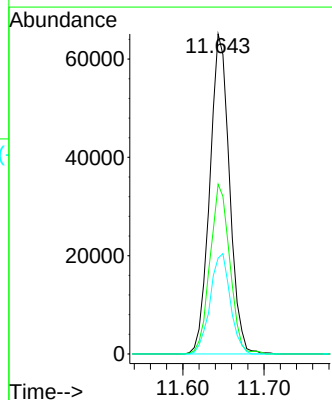
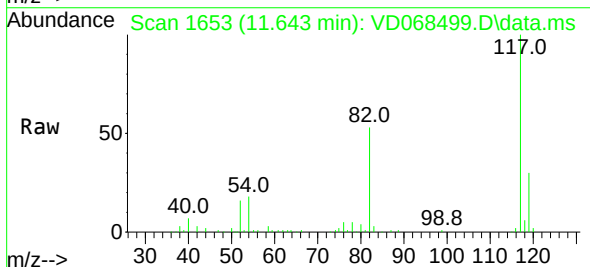
Instrument :
MSVOA_D
ClientSampled :

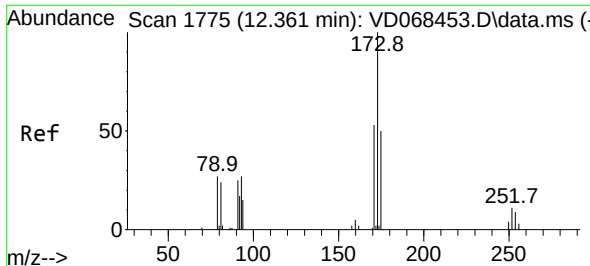
Tgt Ion: 95 Resp: 45147
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.4
176 84.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion: 117 Resp: 109674
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 30.0 26.1 39.1

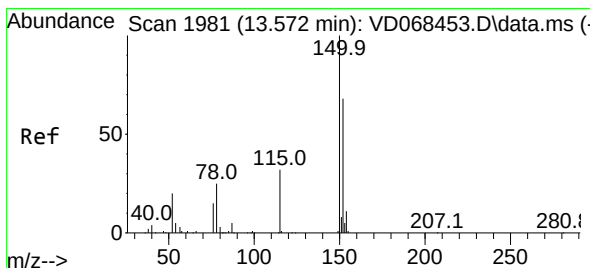
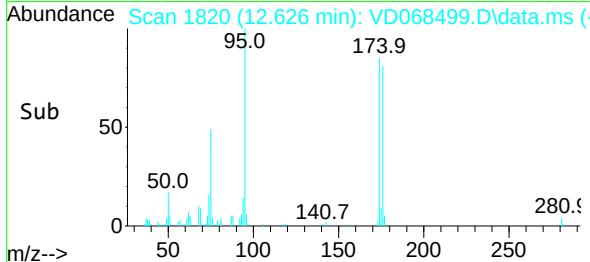
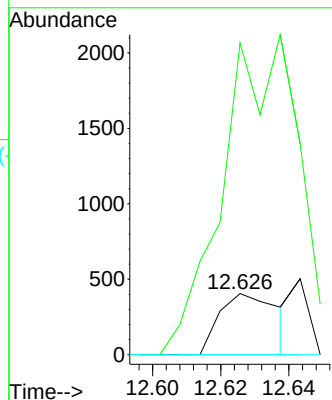
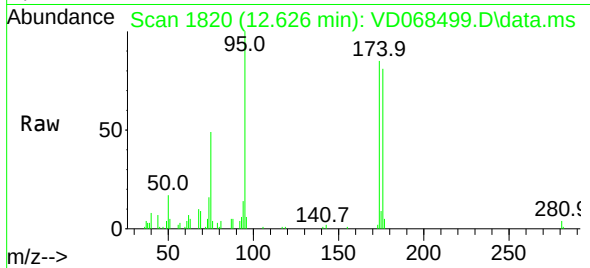




#71
Bromoform
Concen: 1.22 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

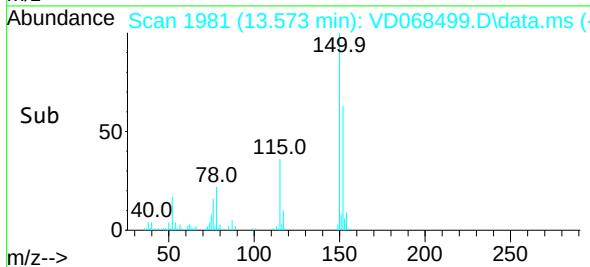
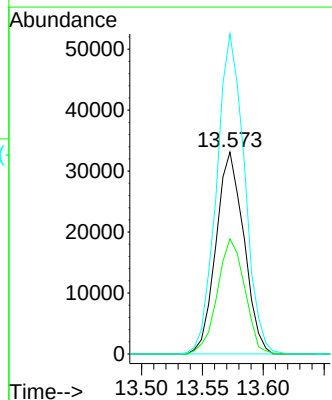
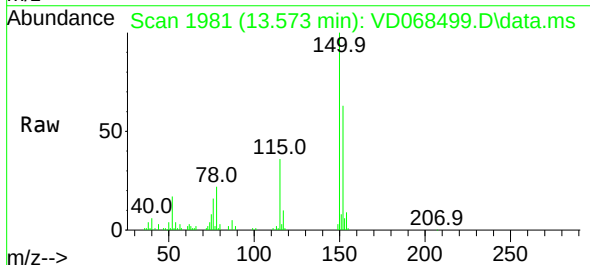
Instrument :
MSVOA_D
ClientSampleId :

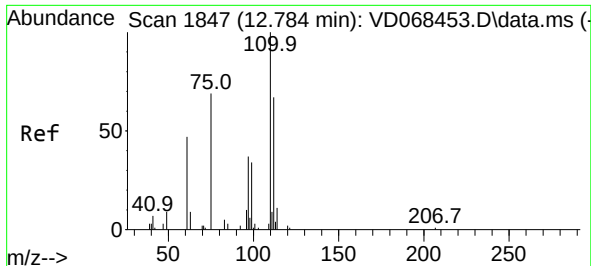
Tgt Ion:173 Resp: 481
Ion Ratio Lower Upper
173 100
175 392.7 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion:152 Resp: 52779
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.8
150 159.2 0.0 344.4

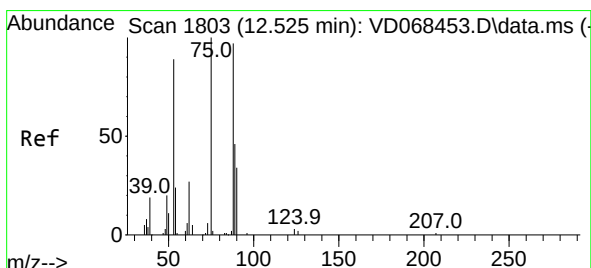
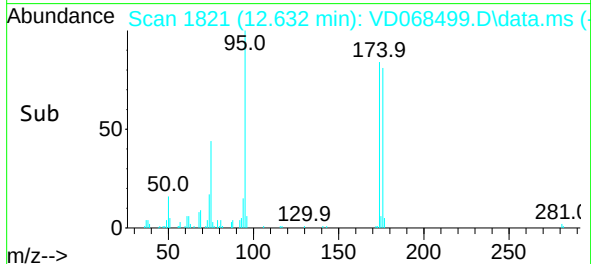
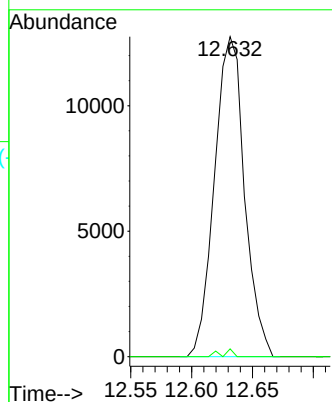
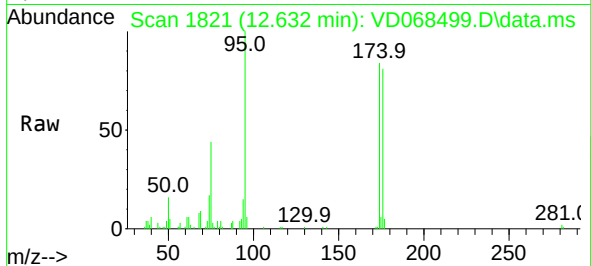




#76
1,2,3-Trichloropropane
Concen: 46.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 21901
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068499.D
Acq: 02 Mar 2021 16:38

Tgt Ion: 75 Resp: 21901
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

