

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068964.D
 Acq On : 23 Apr 2021 13:39
 Operator : VA/SY
 Sample : M2107-17
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:55:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

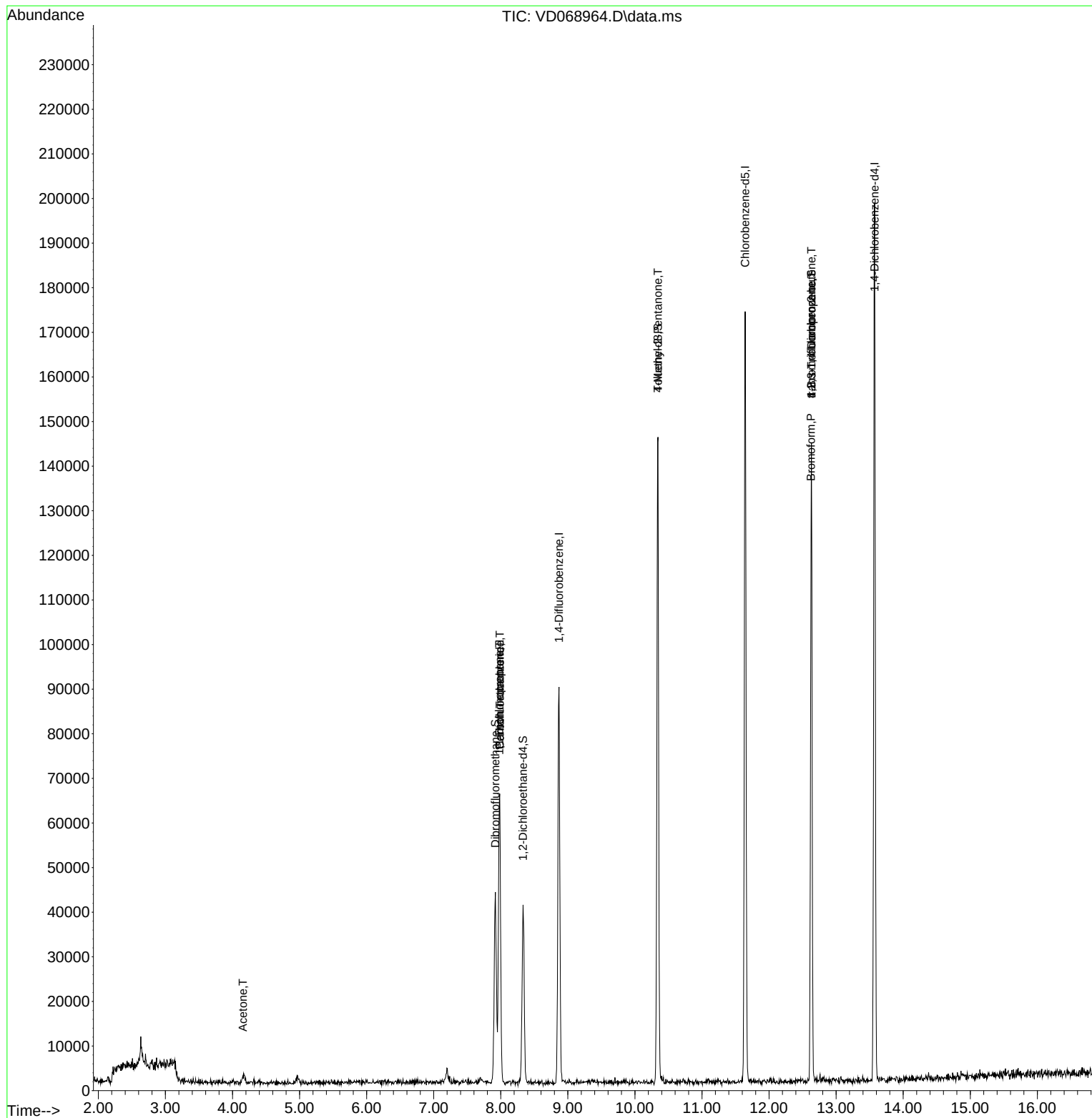
Internal Standards						
1) Pentafluorobenzene	7.985	168	50151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	82461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	105753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	56297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31389	59.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.44%
35) Dibromofluoromethane	7.920	113	30177	56.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.52%
50) Toluene-d8	10.343	98	104159	51.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.96%
62) 4-Bromofluorobenzene	12.632	95	45629	67.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.80%
Target Compounds					Qvalue	
16) Acetone	4.156	43	1605	21.87	ug/l	95
20) Methylene Chloride	4.955	84	647	Below Cal	#	46
36) 1,1-Dichloropropene	7.979	75	3786	4.54	ug/l #	41
38) Carbon Tetrachloride	7.985	117	4729	5.72	ug/l #	20
51) 4-Methyl-2-Pentanone	10.343	43	361	1.43	ug/l #	1
71) Bromoform	12.626	173	809	1.83	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	22615	43.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	22615	102.05	ug/l #	16

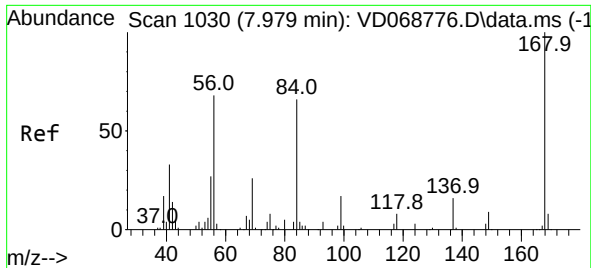
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 07:55:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

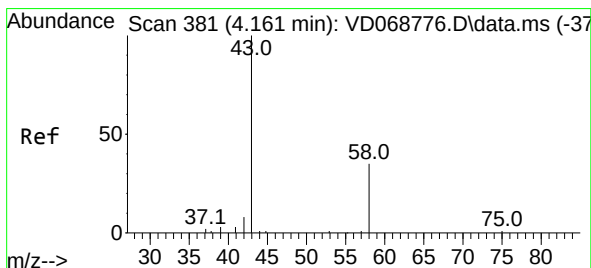
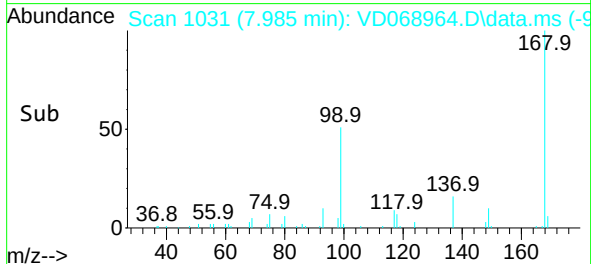
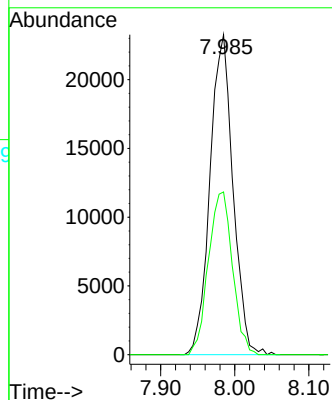
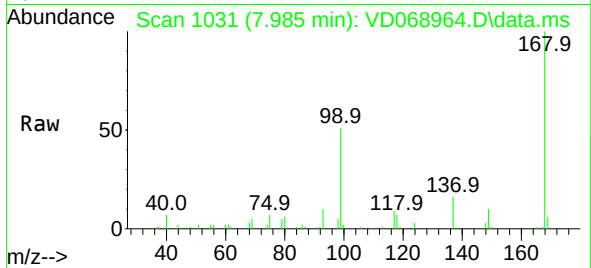




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

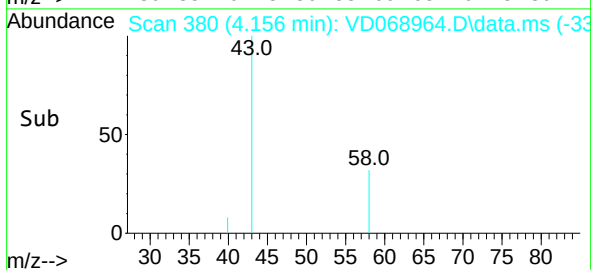
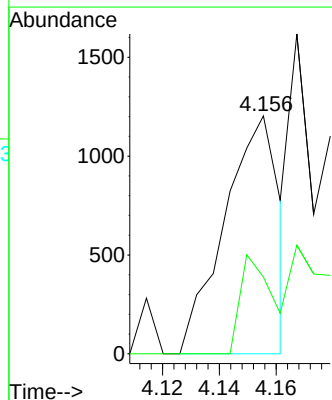
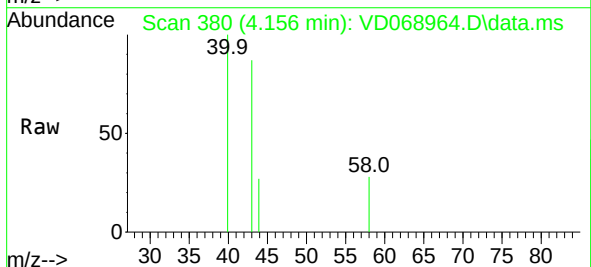
Instrument :
MSVOA_D
ClientSampleId :

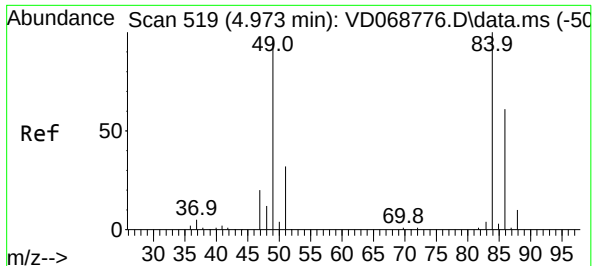
Tgt Ion:168 Resp: 50151
Ion Ratio Lower Upper
168 100
99 50.8 46.2 69.2



#16
Acetone
Concen: 21.87 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

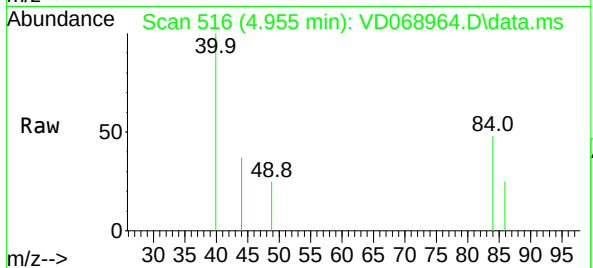
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0



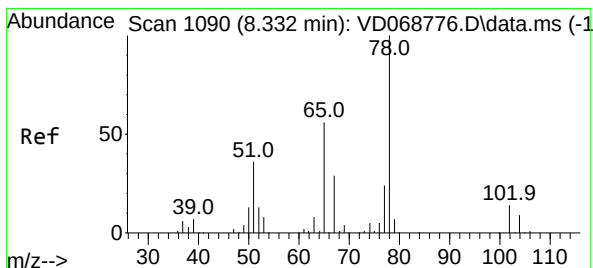
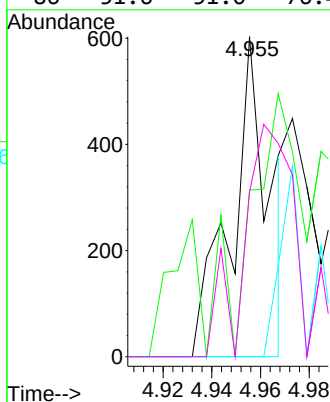
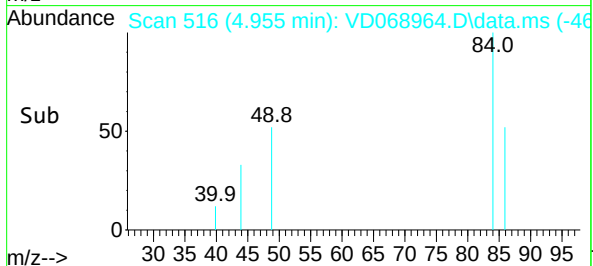


#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.018 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

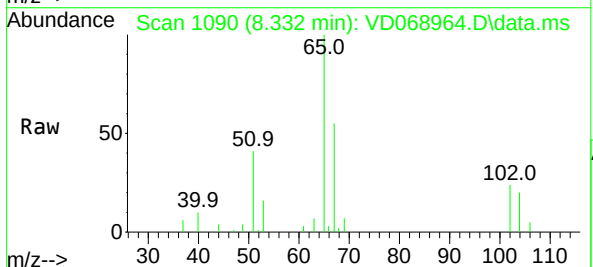
Instrument :
MSVOA_D
ClientSampleId :



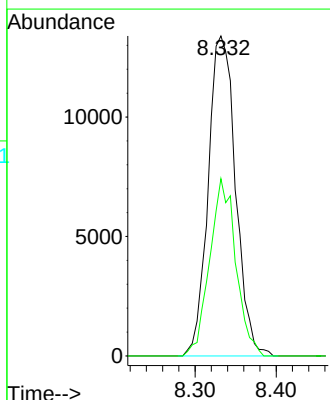
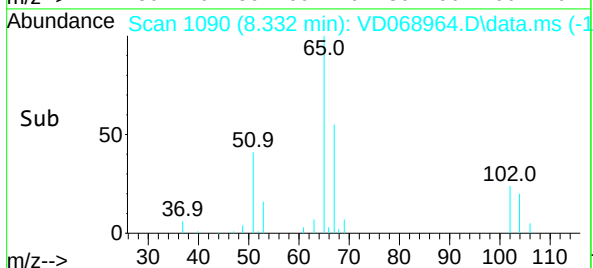
Tgt Ion: 84 Resp: 647
Ion Ratio Lower Upper
84 100
49 25.2 83.4 125.0#
51 0.0 23.4 35.2#
86 51.6 51.0 76.4

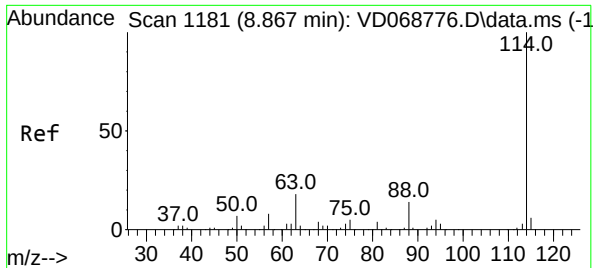


#33
1,2-Dichloroethane-d4
Concen: 59.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39



Tgt Ion: 65 Resp: 31389
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

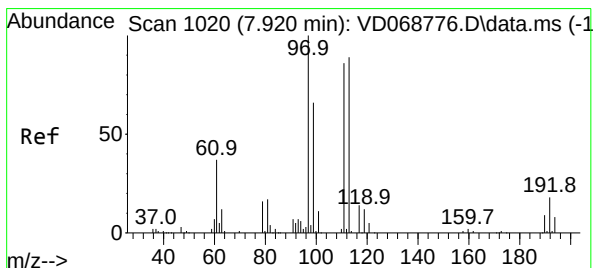
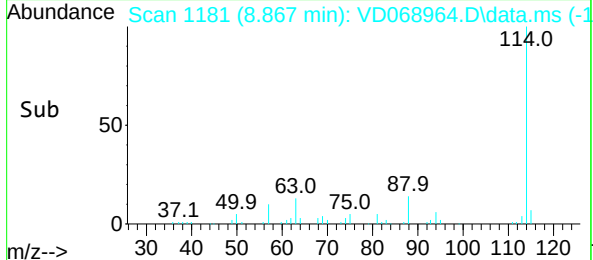
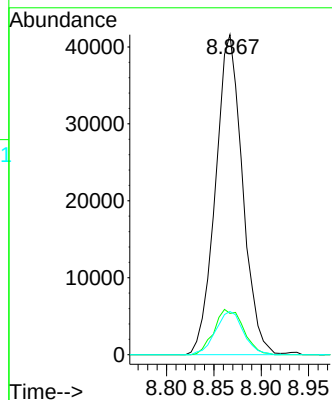
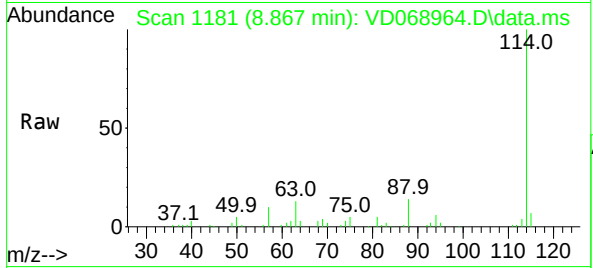




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

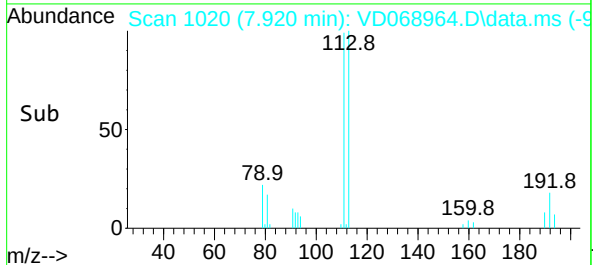
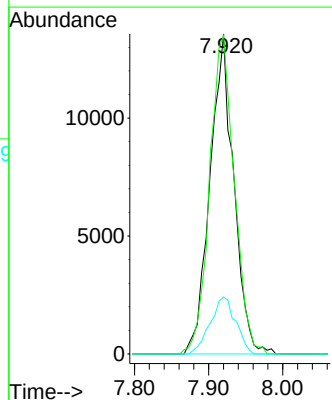
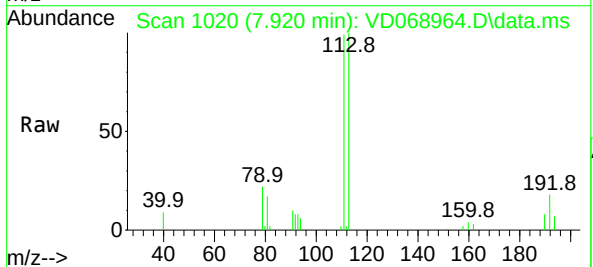
Instrument :
MSVOA_D
ClientSampled :

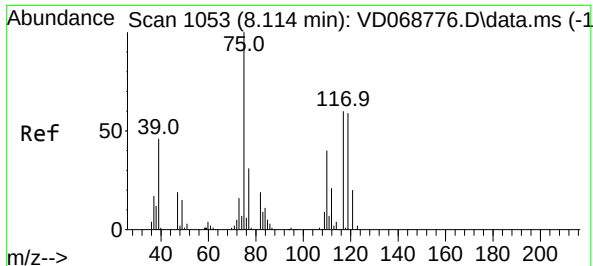
Tgt Ion:114 Resp: 82461
Ion Ratio Lower Upper
114 100
63 12.9 0.0 38.2
88 13.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 56.26 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Tgt Ion:113 Resp: 30177
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 19.1 15.1 22.7

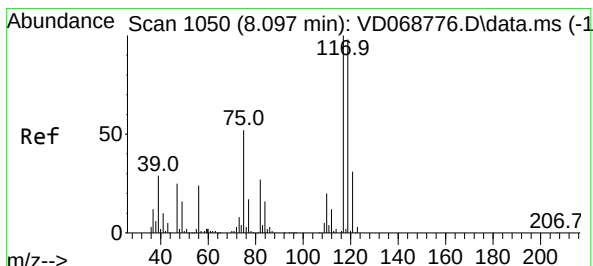
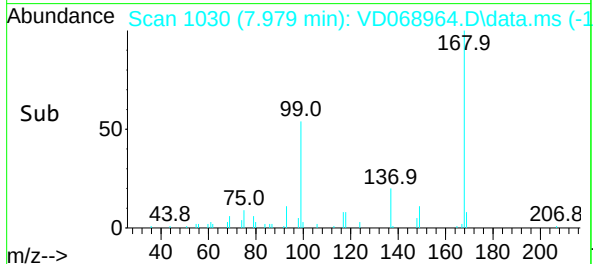
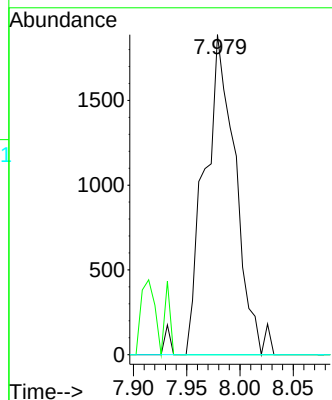
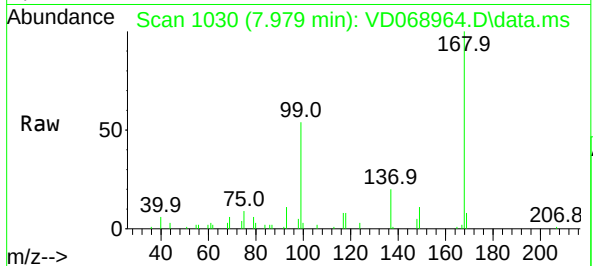




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

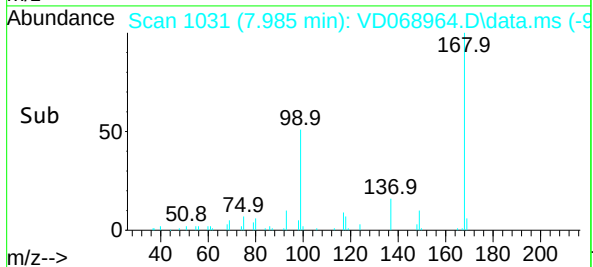
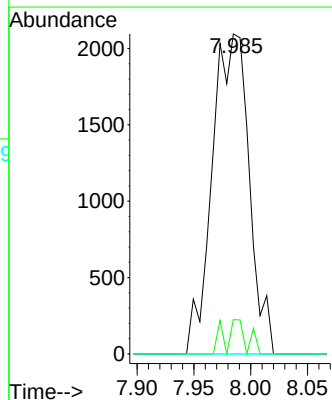
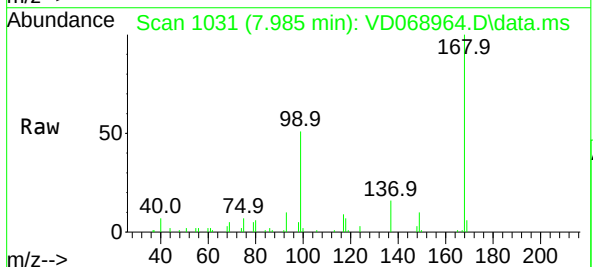
Instrument :
MSVOA_D
ClientSampled :

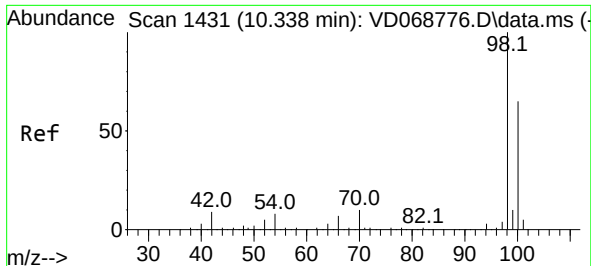
Tgt Ion: 75 Resp: 3786
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 117 Resp: 4729
Ion Ratio Lower Upper
117 100
119 10.7 76.6 115.0#
121 0.0 26.1 39.1#

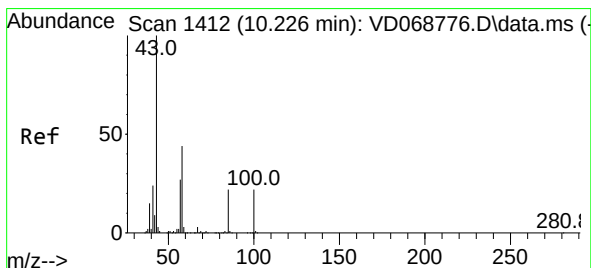
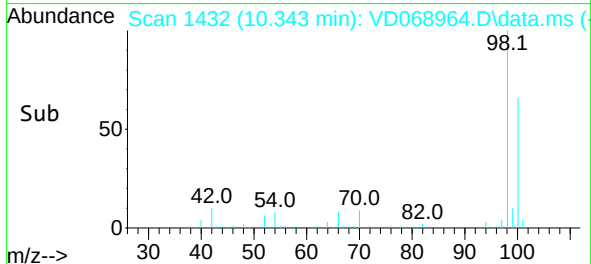
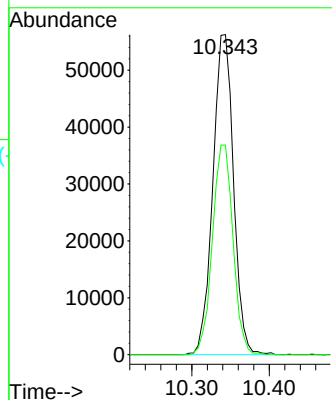
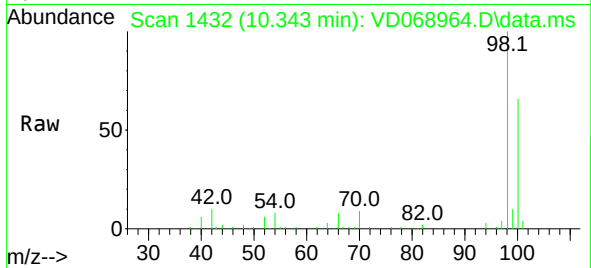




#50
Toluene-d8
Concen: 51.48 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

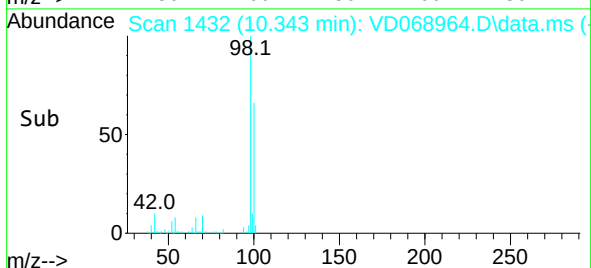
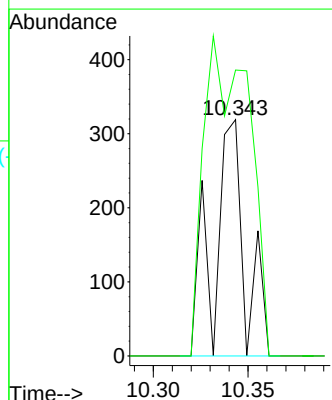
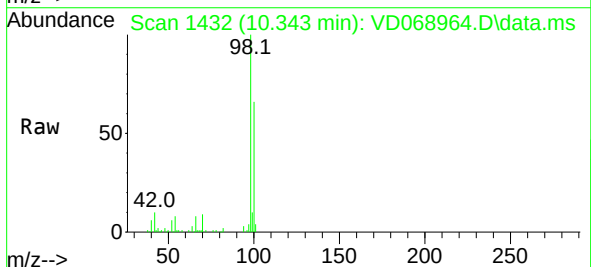
Instrument :
MSVOA_D
ClientSampled :

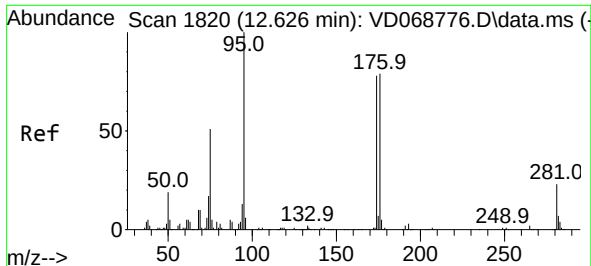
Tgt Ion: 98 Resp: 104159
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 198.9 37.3 55.9#

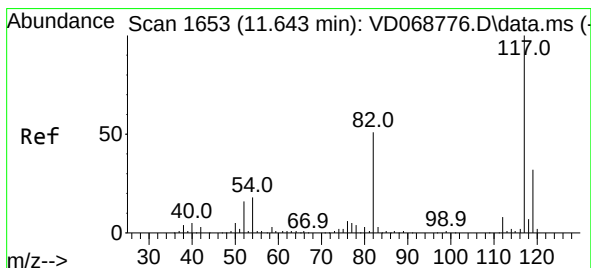
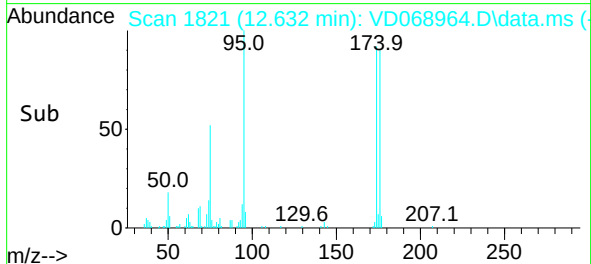
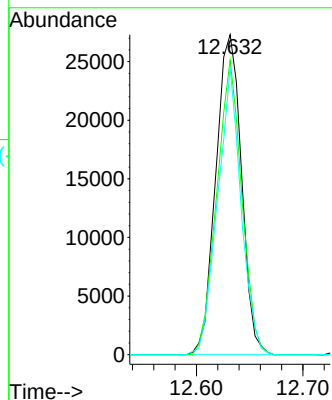
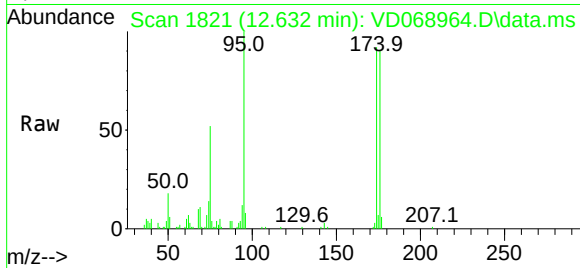




#62
4-Bromofluorobenzene
Concen: 67.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

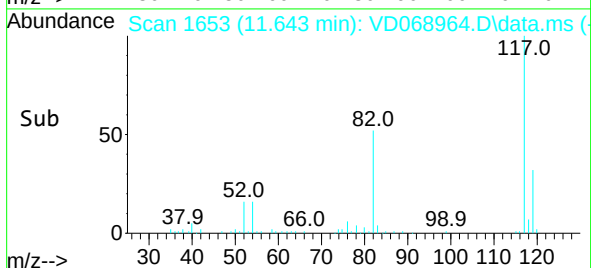
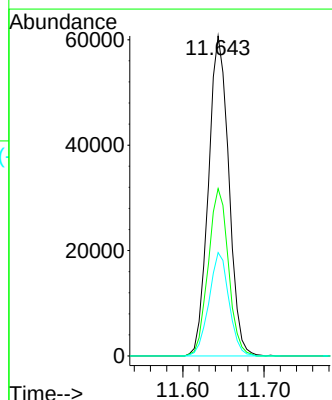
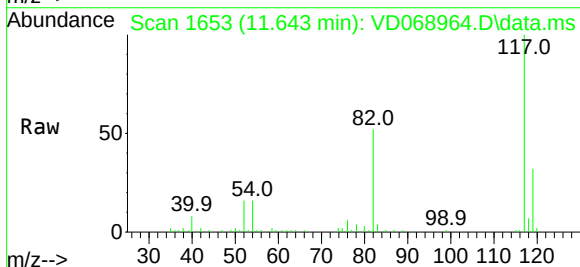
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MSVOA_D
ClientSampleId :

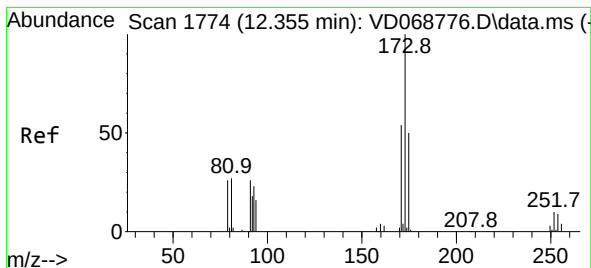
Tgt Ion: 95 Resp: 45629
Ion Ratio Lower Upper
95 100
174 89.6 0.0 168.0
176 82.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 117 Resp: 105753
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 32.3 26.7 40.1





#71

Bromoform

Concen: 1.83 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD068964.D

Acq: 23 Apr 2021 13:39

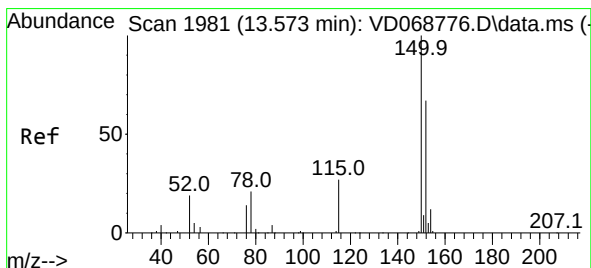
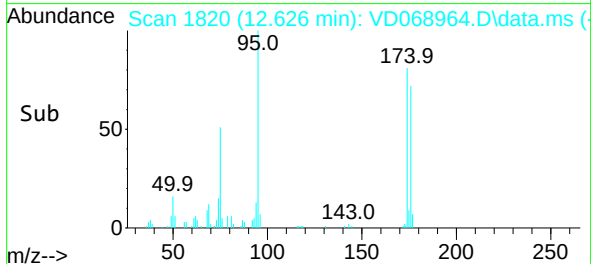
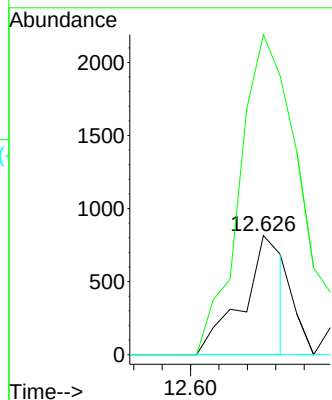
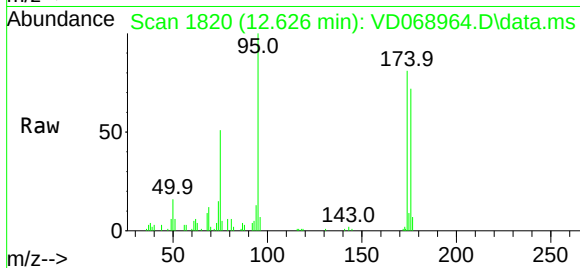
Tgt Ion:173 Resp: 809

Ion Ratio Lower Upper

173 100

175 291.2 23.6 71.0#

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. -0.000 min

Lab File: VD068964.D

Acq: 23 Apr 2021 13:39

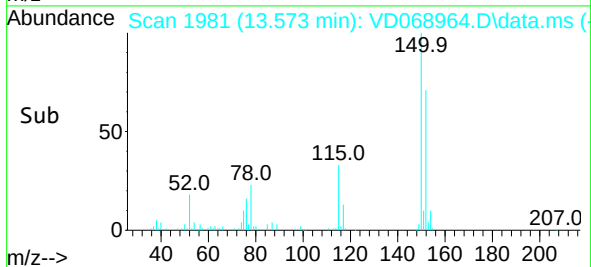
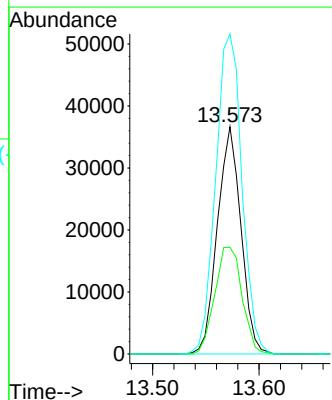
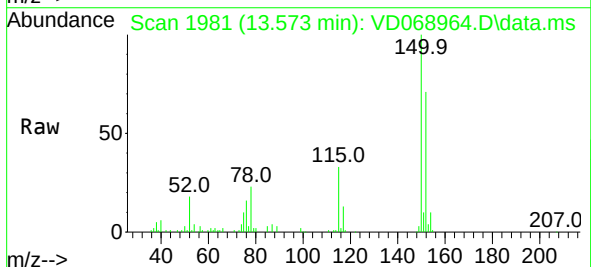
Tgt Ion:152 Resp: 56297

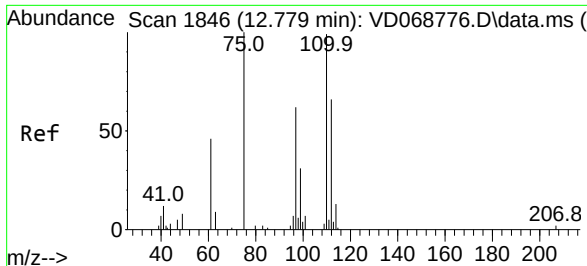
Ion Ratio Lower Upper

152 100

115 54.3 29.3 87.8

150 157.0 0.0 347.6

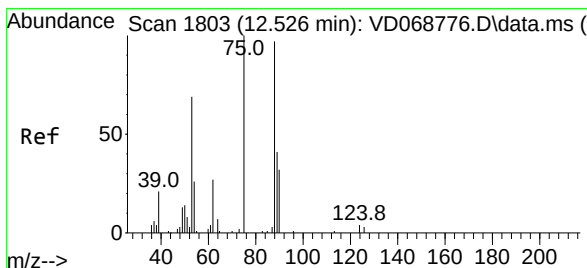
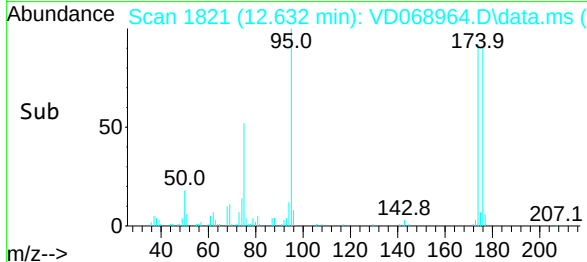
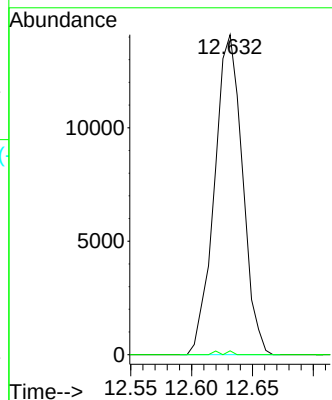
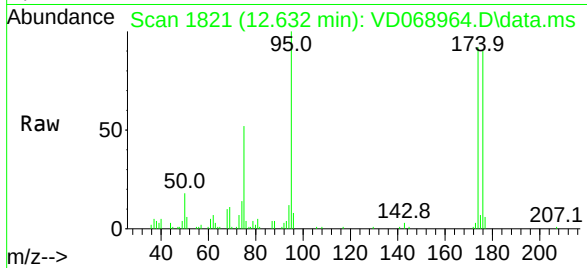




#76
1,2,3-Trichloropropane
Concen: 43.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 22615
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068964.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 75 Resp: 22615
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

