

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068589.D
 Acq On : 11 Mar 2021 17:05
 Operator : VA/SY
 Sample : M1614-02
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:13:36 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	313155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	568612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	566461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173085	55.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.64%
35) Dibromofluoromethane	7.914	113	177824	51.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.82%
50) Toluene-d8	10.344	98	721896	52.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.82%
62) 4-Bromofluorobenzene	12.632	95	251999	57.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.62%

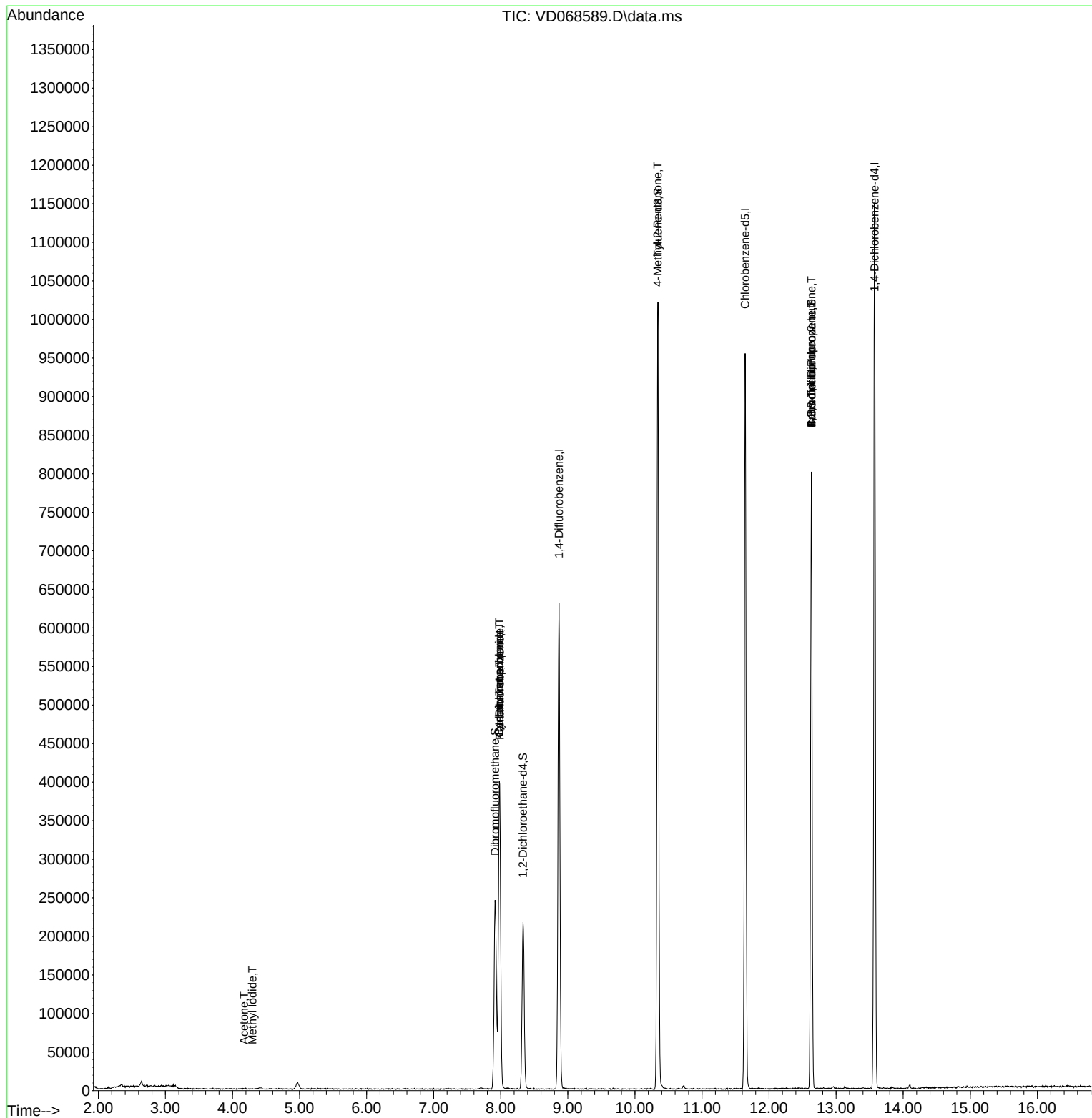
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	172	2.66	ug/l #	38
16) Acetone	4.173	43	517	1.04	ug/l #	44
20) Methylene Chloride	4.961	84	3873	Below Cal	#	89
31) Cyclohexane	7.979	56	6839	1.20	ug/l #	44
36) 1,1-Dichloropropene	7.979	75	24373	4.51	ug/l #	47
38) Carbon Tetrachloride	7.979	117	31037	6.11	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2751	1.60	ug/l #	1
71) Bromoform	12.632	173	2289	1.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	126269	46.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	126269	107.43	ug/l #	13

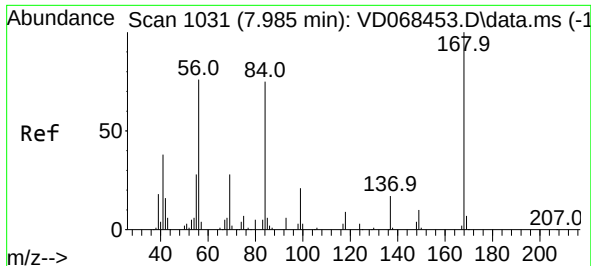
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
Data File : VD068589.D
Acq On : 11 Mar 2021 17:05
Operator : VA/SY
Sample : M1614-02
Misc : 5.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

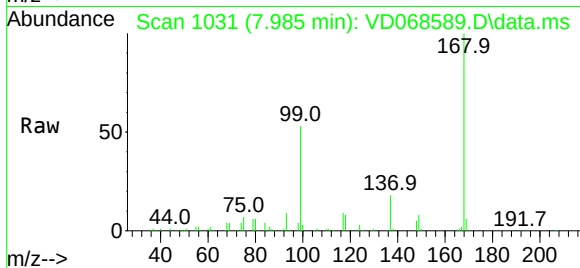
Quant Time: Mar 12 00:13:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



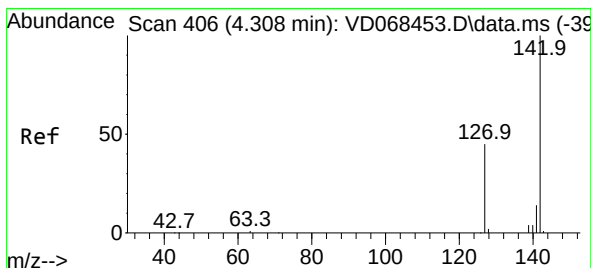
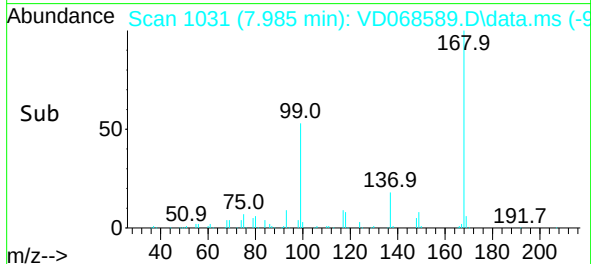
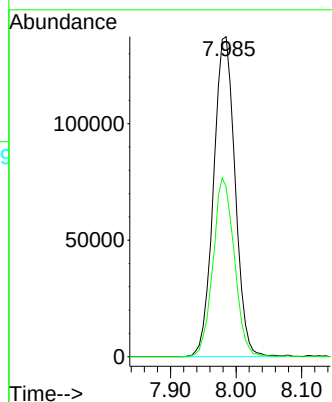


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Instrument :
MSVOA_D
ClientSampled :

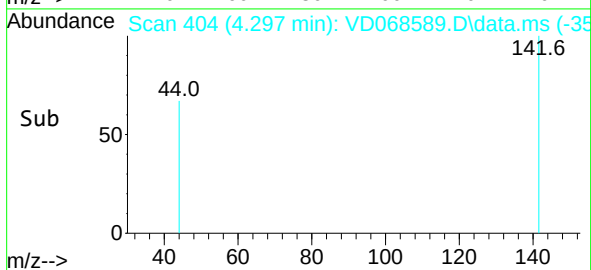
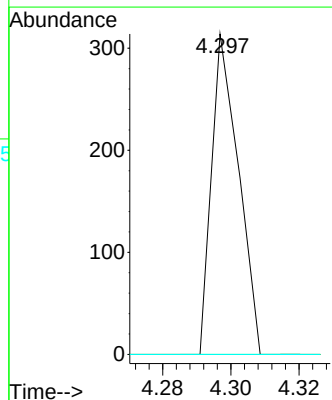
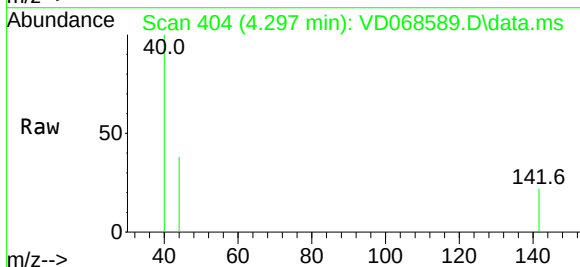


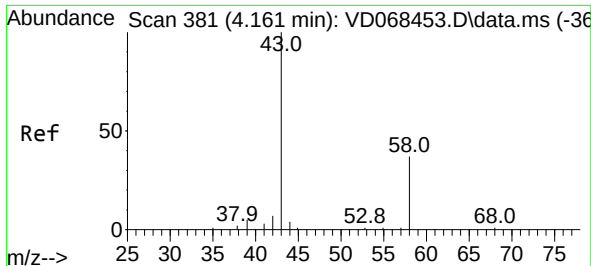
Tgt Ion:168 Resp: 313155
Ion Ratio Lower Upper
168 100
99 53.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.66 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

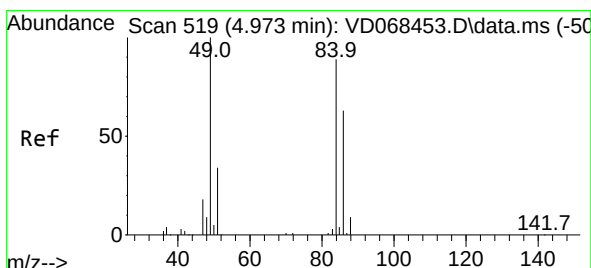
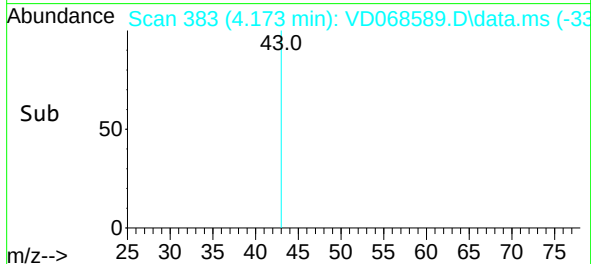
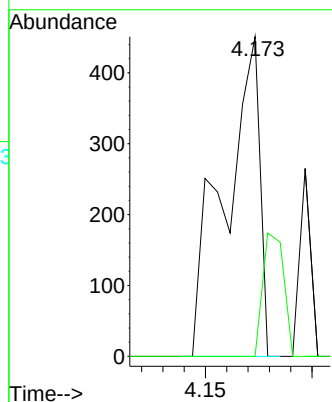
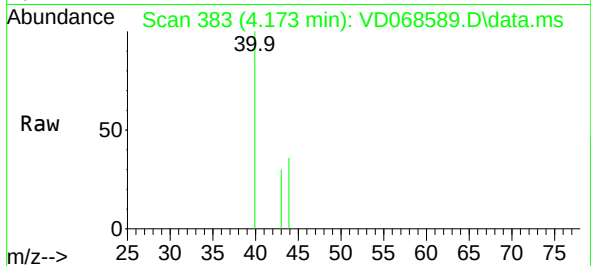




#16
Acetone
Concen: 1.04 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

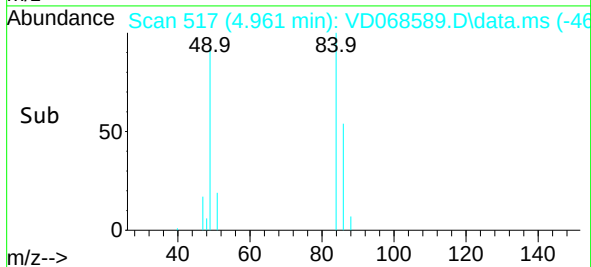
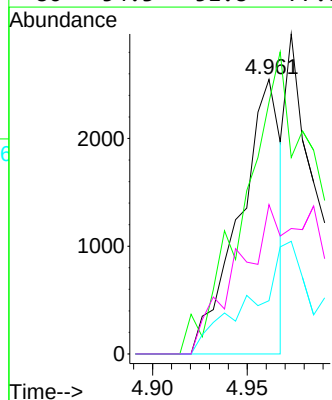
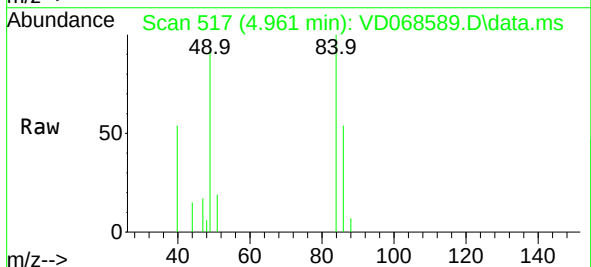
Instrument :
MSVOA_D
ClientSampled :

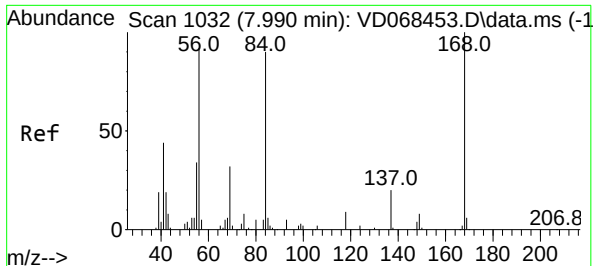
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 84 Resp: 3873
Ion Ratio Lower Upper
84 100
49 91.6 77.4 116.2
51 19.4 26.1 39.1#
86 54.3 51.8 77.8

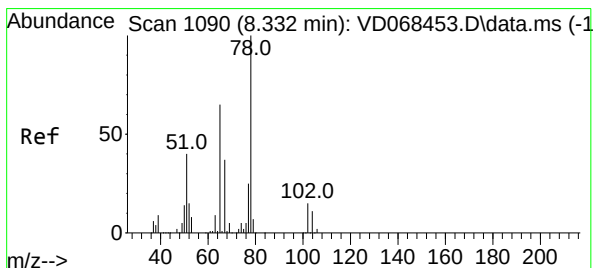
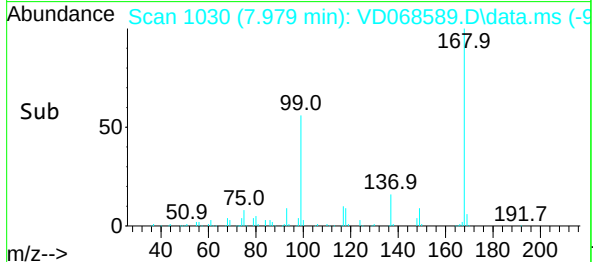
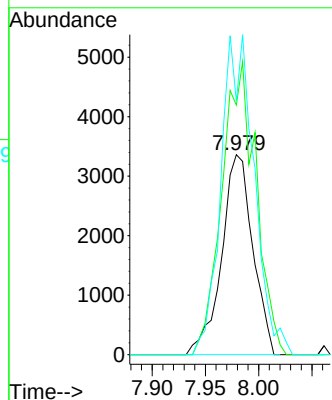
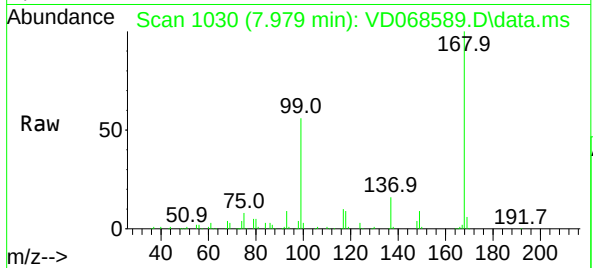




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

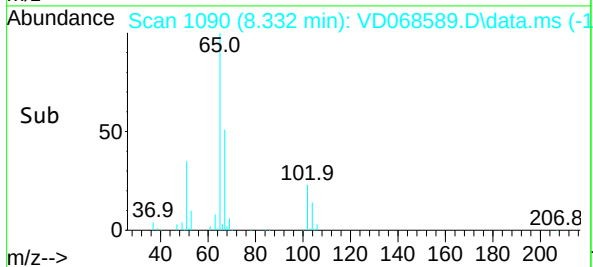
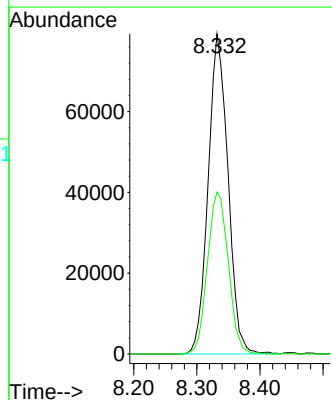
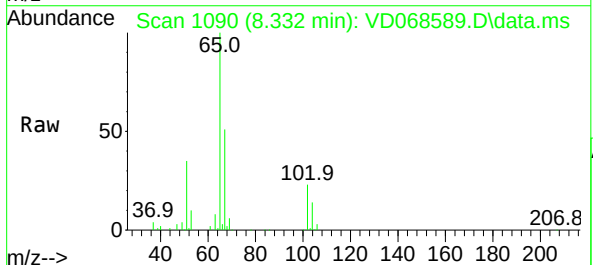
Instrument :
MSVOA_D
ClientSampleId :

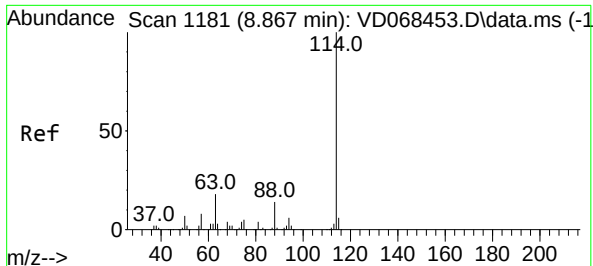
Tgt Ion: 56 Resp: 6839
Ion Ratio Lower Upper
56 100
69 124.8 30.1 45.1#
84 126.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 55.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 65 Resp: 173085
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



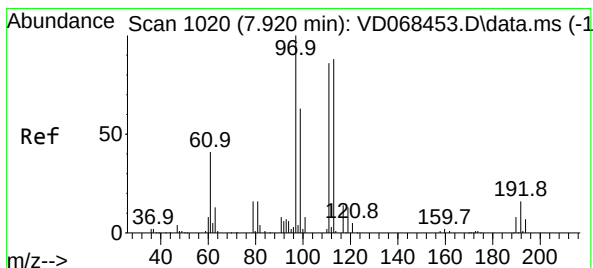
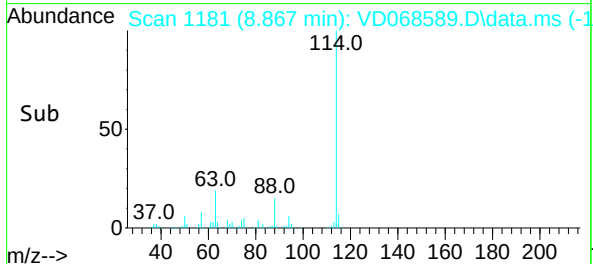
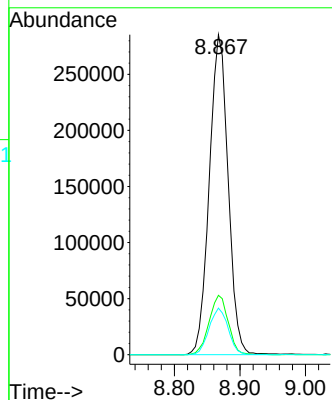
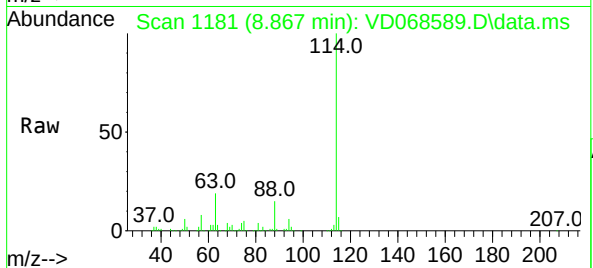


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Instrument :
MSVOA_D
ClientSampled :

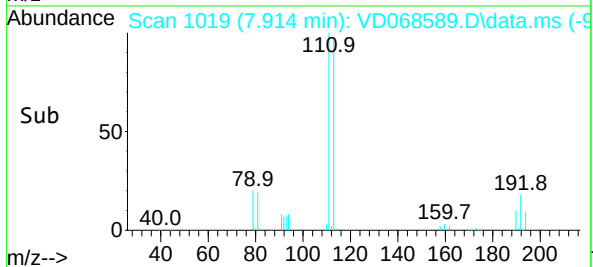
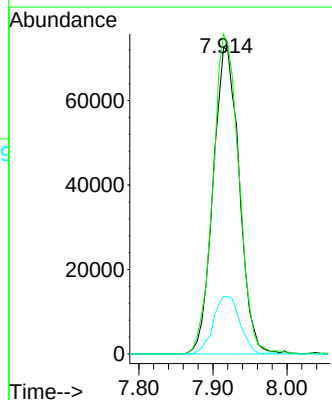
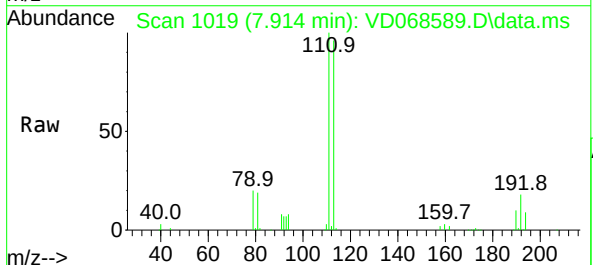
Tgt Ion:114 Resp: 568612
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.6 0.0 31.6

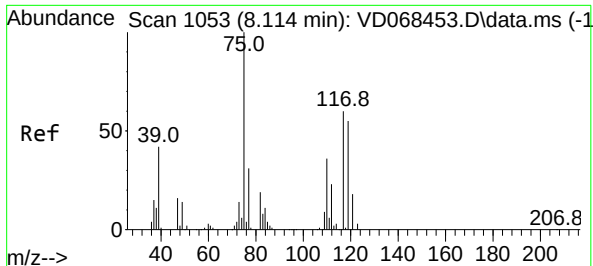


#35

Dibromofluoromethane
Concen: 51.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion:113 Resp: 177824
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 19.0 16.1 24.1

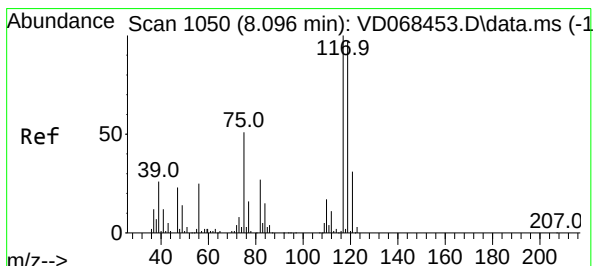
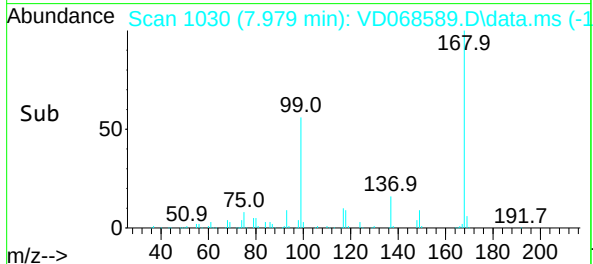
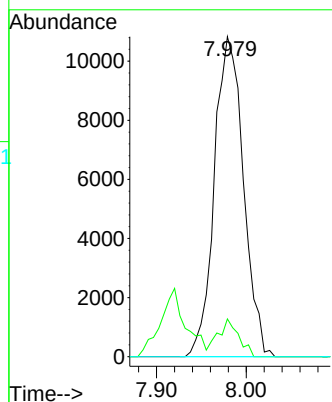
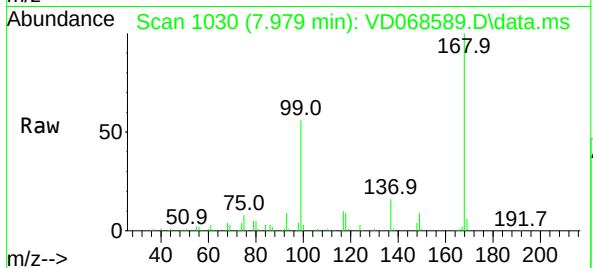




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

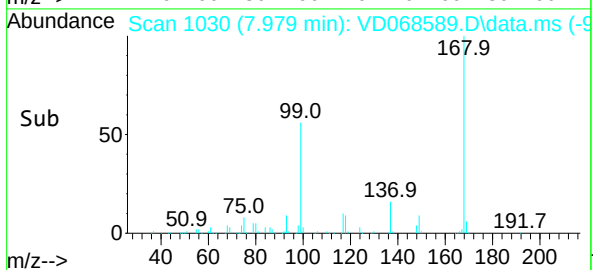
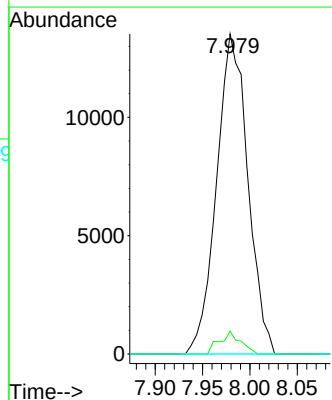
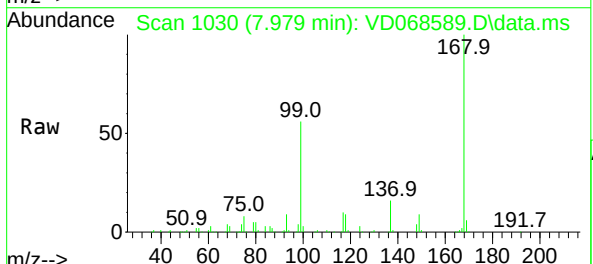
Instrument :
MSVOA_D
ClientSampled :

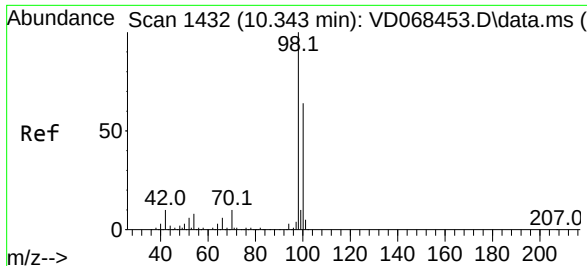
Tgt Ion: 75 Resp: 24373
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 117 Resp: 31037
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 24.7 37.1#

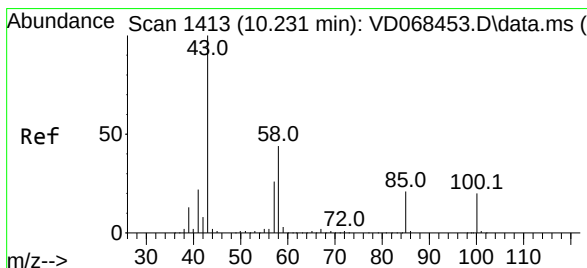
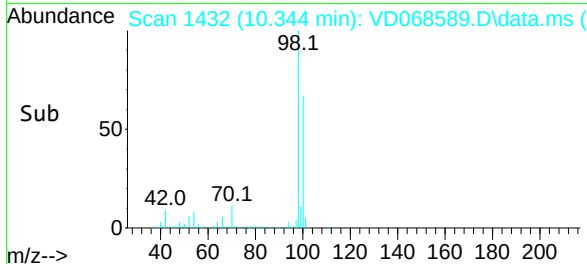
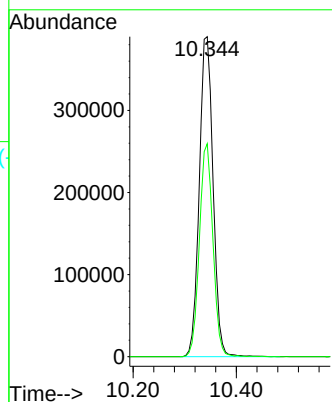
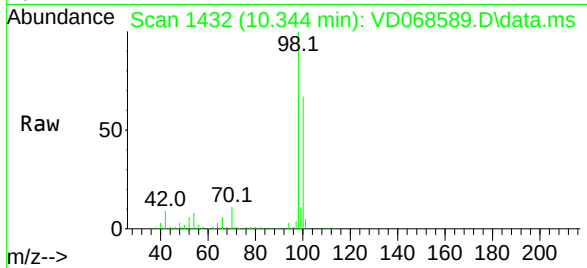




#50
Toluene-d8
Concen: 52.91 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

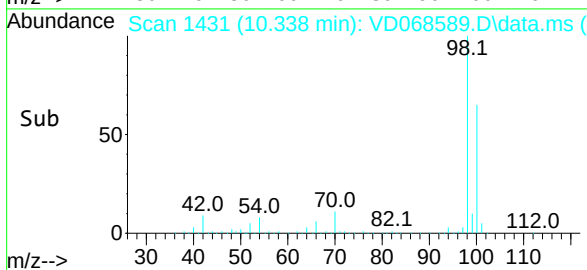
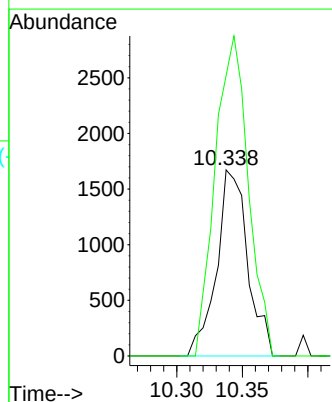
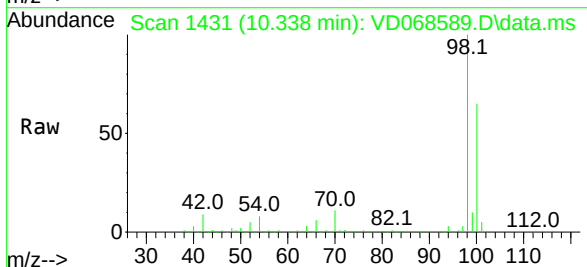
Instrument :
MSVOA_D
ClientSampled :

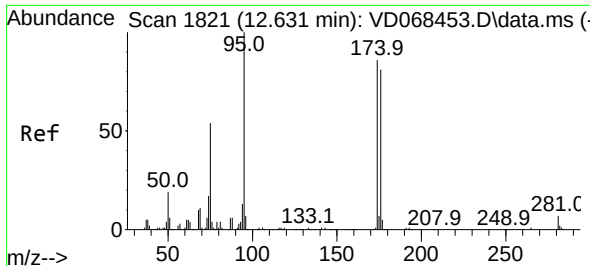
Tgt Ion: 98 Resp: 721896
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
58 183.5 36.1 54.1#

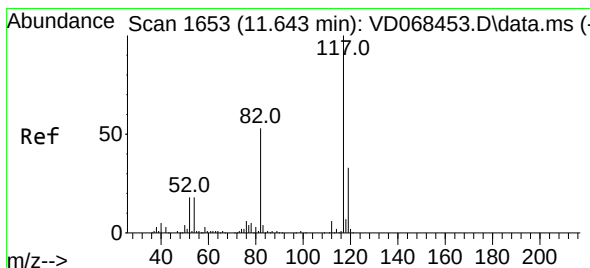
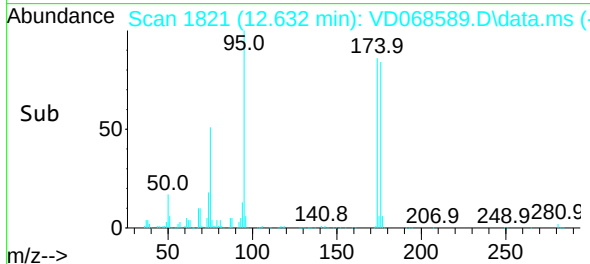
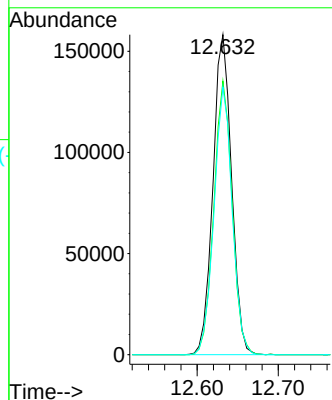
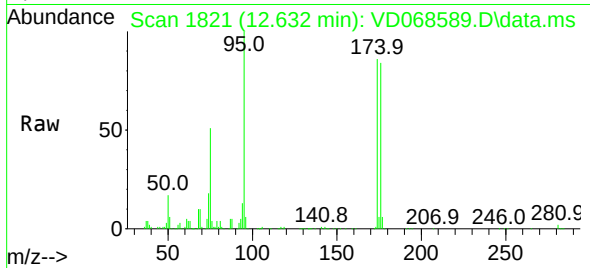




#62
4-Bromofluorobenzene
Concen: 57.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

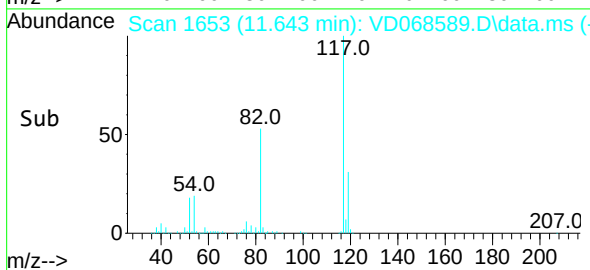
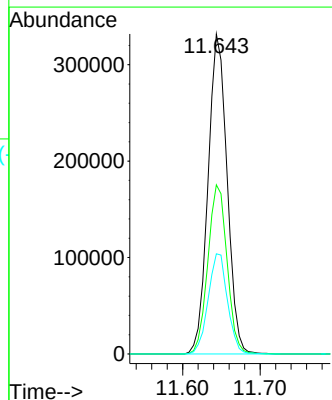
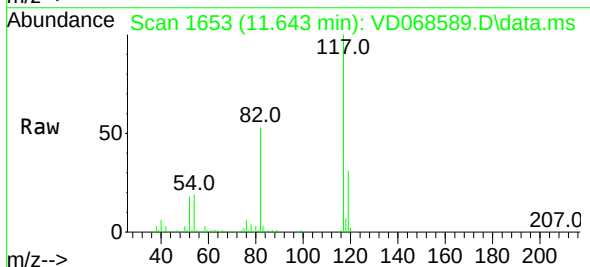
Instrument :
MSVOA_D
ClientSampleId :

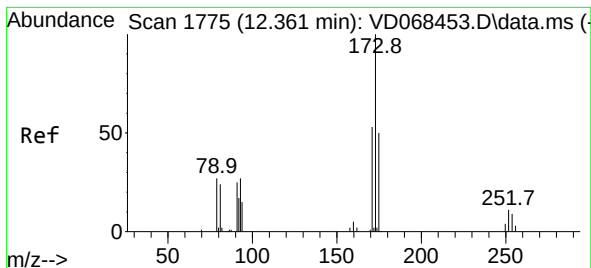
Tgt Ion: 95 Resp: 251999
Ion Ratio Lower Upper
95 100
174 84.2 0.0 172.4
176 82.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 117 Resp: 566461
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 31.3 26.1 39.1

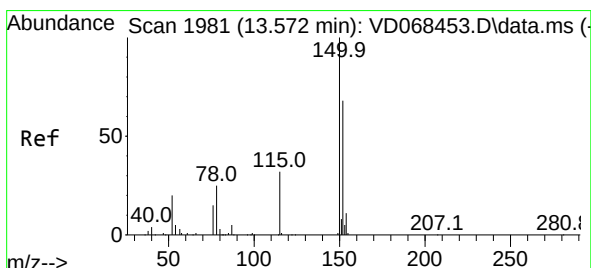
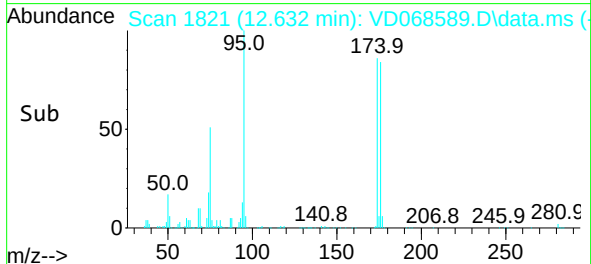
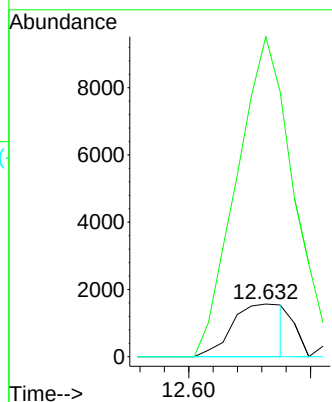
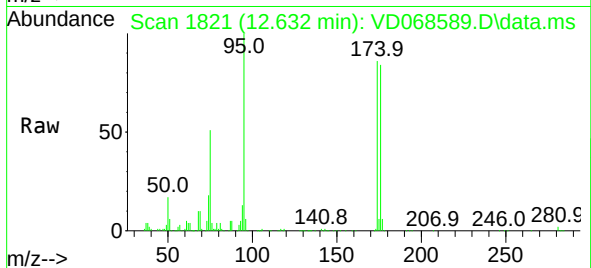




#71
Bromoform
Concen: 1.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

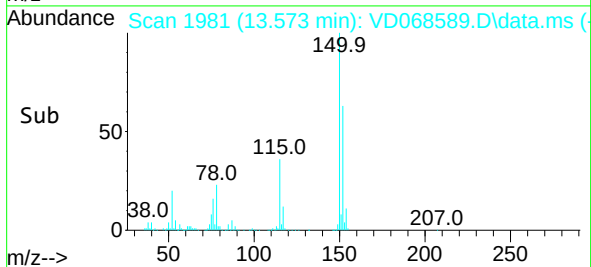
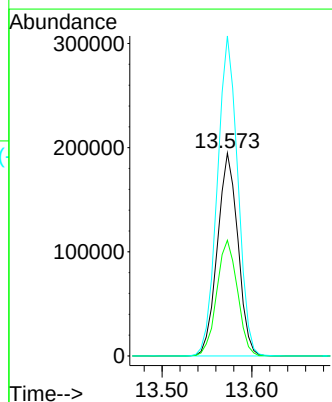
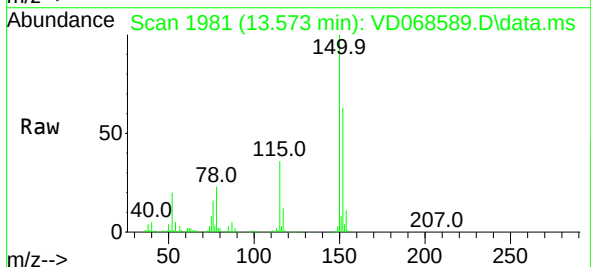
Instrument :
MSVOA_D
ClientSampled :

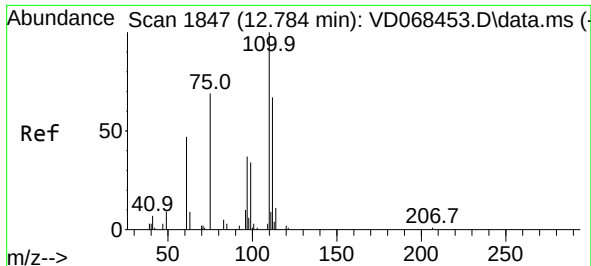
Tgt Ion:173 Resp: 2289
Ion Ratio Lower Upper
173 100
175 536.6 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion:152 Resp: 308977
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 157.4 0.0 344.4

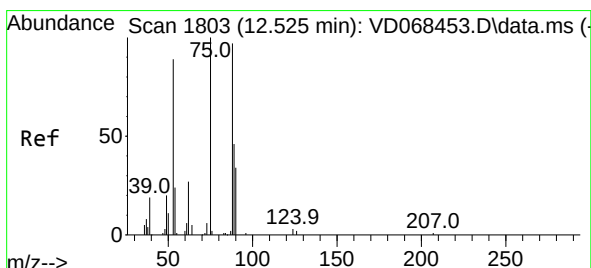
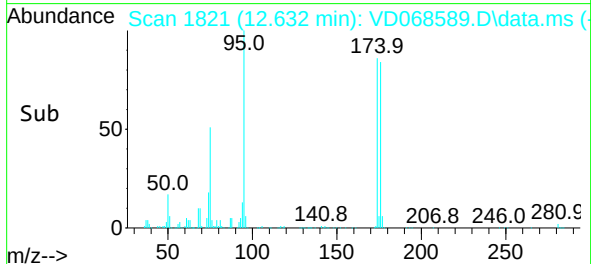
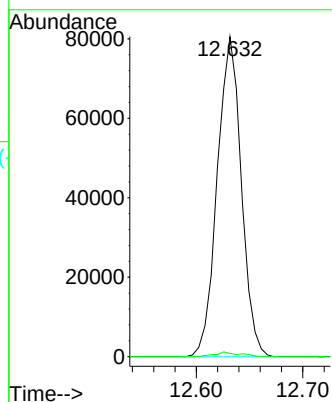
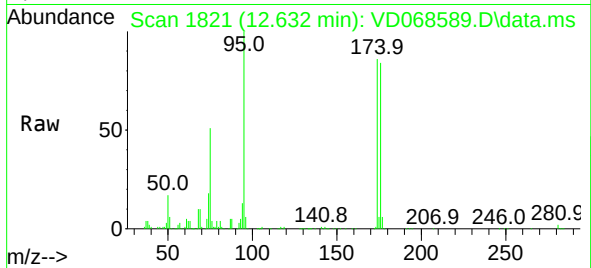




#76
1,2,3-Trichloropropane
Concen: 46.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 126269
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 75 Resp: 126269
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

