

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068952.D
 Acq On : 22 Apr 2021 14:55
 Operator : VA/SY
 Sample : M2107-04
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:45:54 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

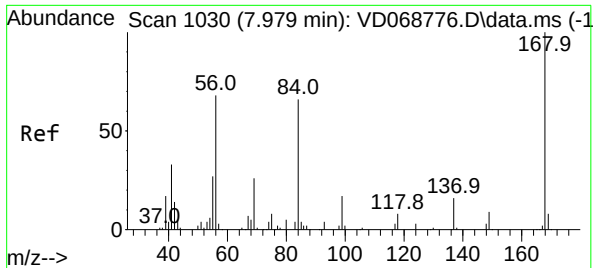
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	282080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	487275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	575853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123295	41.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.72%
35) Dibromofluoromethane	7.920	113	153579	48.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.92%
50) Toluene-d8	10.338	98	633866	53.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.04%
62) 4-Bromofluorobenzene	12.632	95	249967	62.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.90%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	64	2.26	ug/l #	41
11) Tert butyl alcohol	5.220	59	86	Below	Cal #	73
16) Acetone	4.173	43	3411	8.26	ug/l #	79
20) Methylene Chloride	4.967	84	12395	Below	Cal	94
36) 1,1-Dichloropropene	7.985	75	19647	3.98	ug/l #	48
38) Carbon Tetrachloride	7.985	117	27574	5.65	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	124549	46.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	124549	107.08	ug/l #	16

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

Quant Time: Apr 23 08:45:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

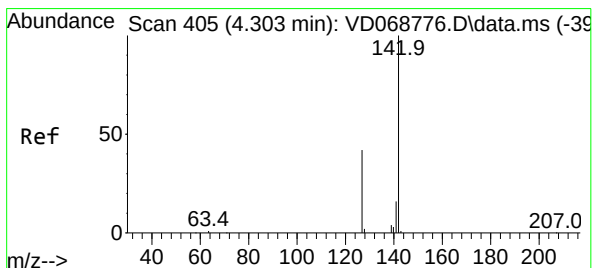
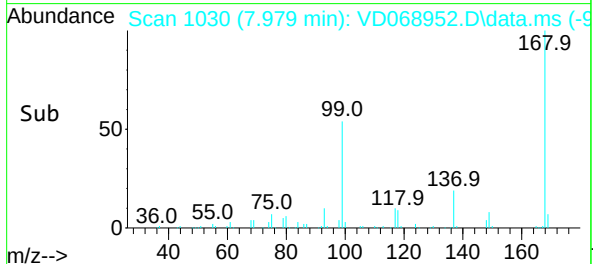
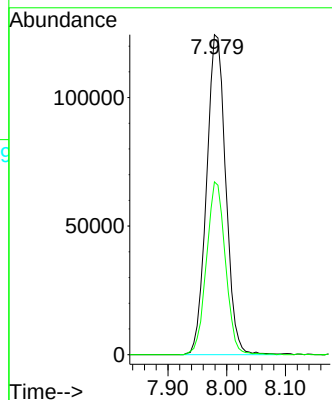
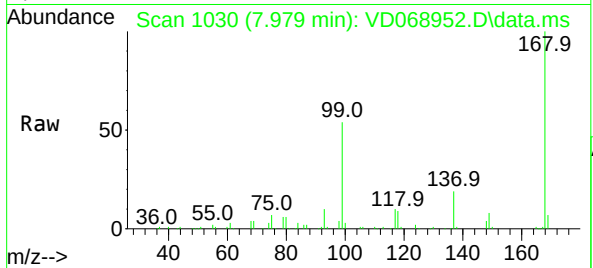




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

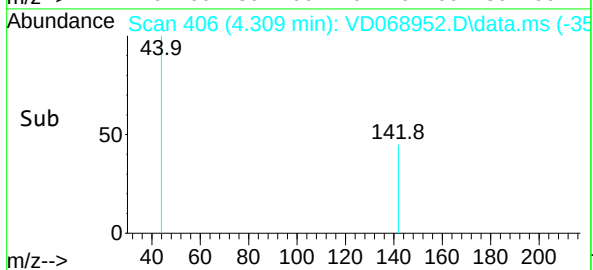
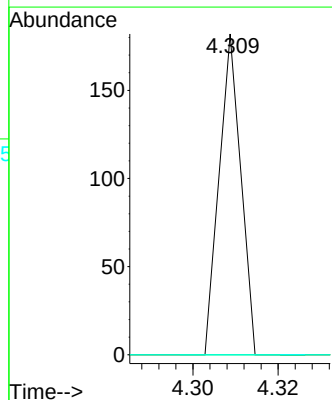
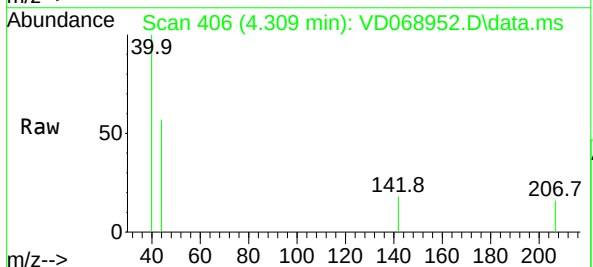
Instrument :
MSVOA_D
ClientSampled :

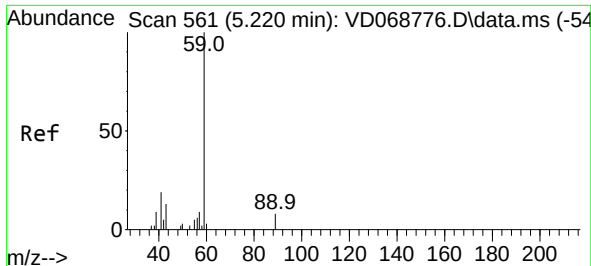
Tgt Ion:168 Resp: 282080
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



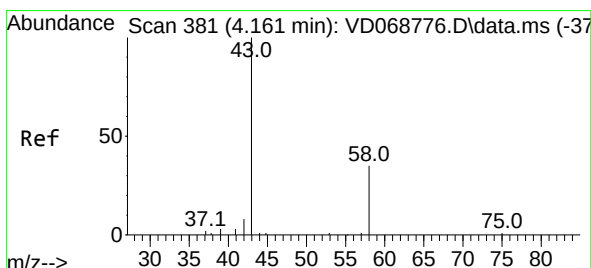
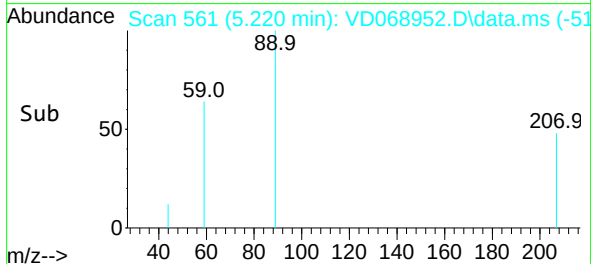
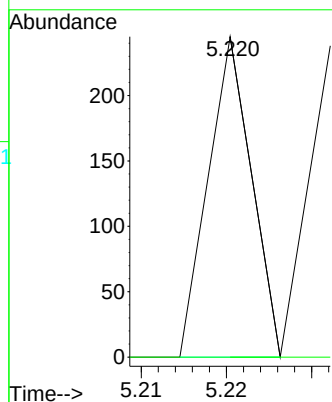
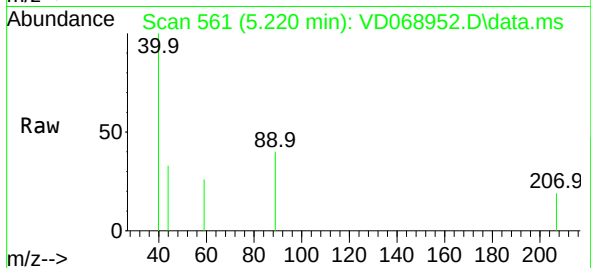


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Instrument :
MSVOA_D
ClientSampleId :

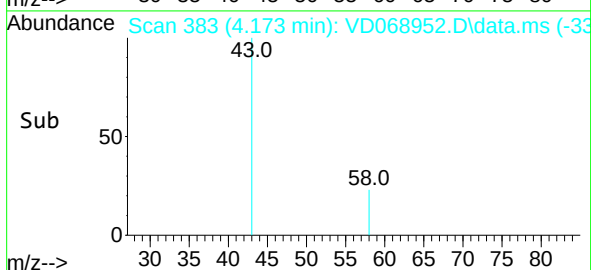
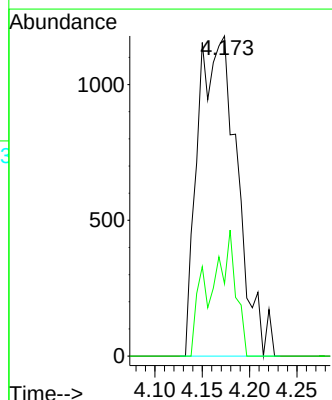
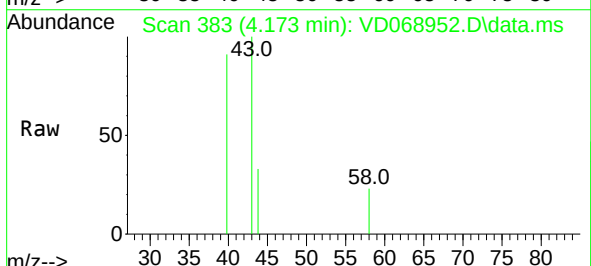
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

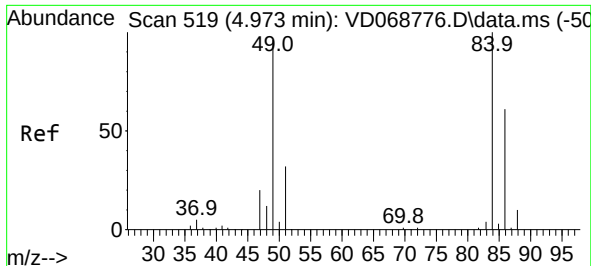


#16

Acetone
Concen: 8.26 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion: 43 Resp: 3411
Ion Ratio Lower Upper
43 100
58 22.6 28.0 42.0#

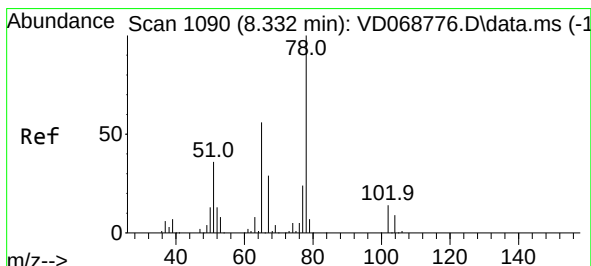
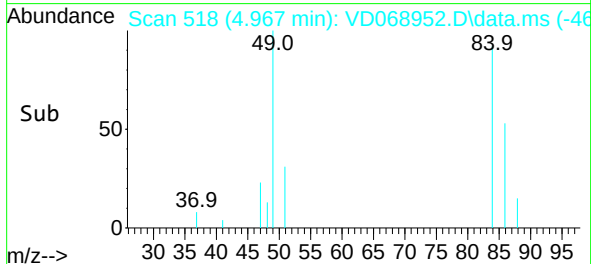
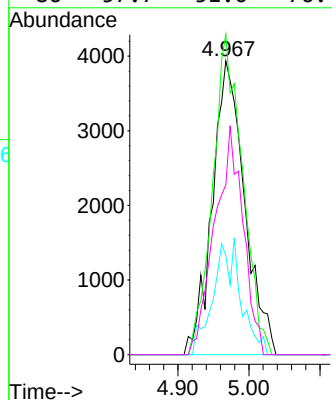
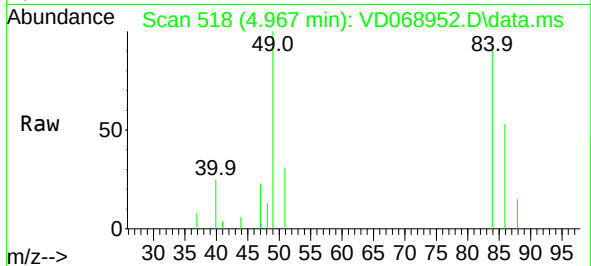




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

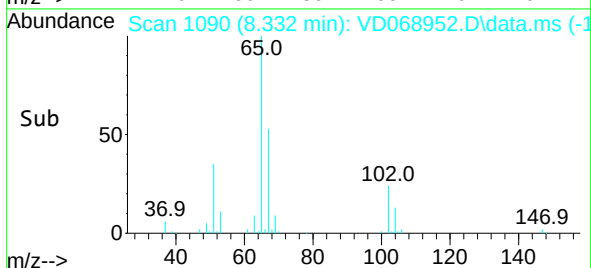
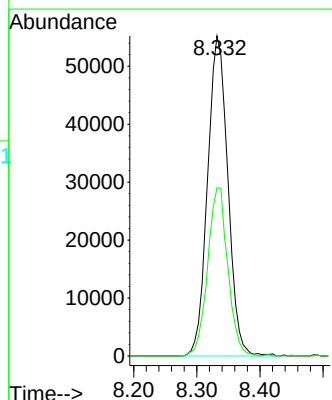
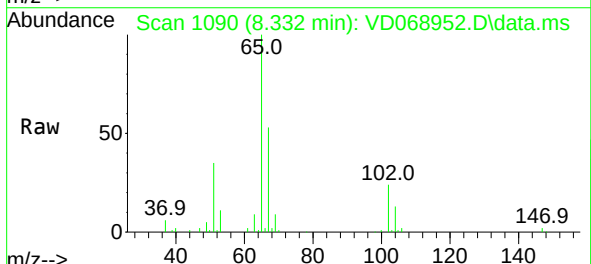
Instrument :
MSVOA_D
ClientSampleId :

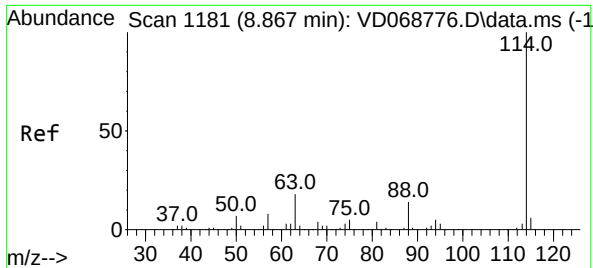
Tgt Ion:	84	Resp:	12395
Ion	Ratio	Lower	Upper
84	100		
49	108.9	83.4	125.0
51	33.7	23.4	35.2
86	57.7	51.0	76.4



#33
1,2-Dichloroethane-d4
Concen: 41.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion:	65	Resp:	123295
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

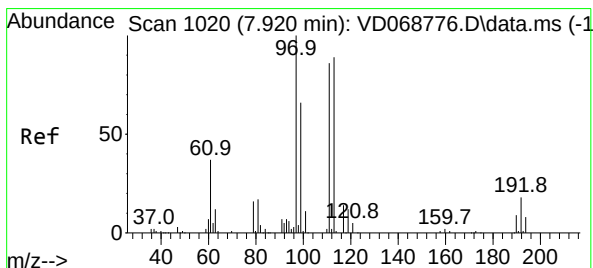
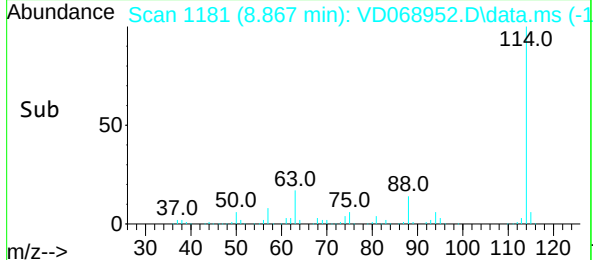
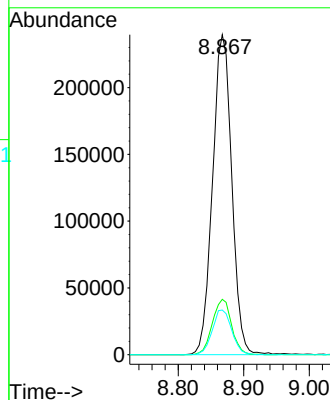
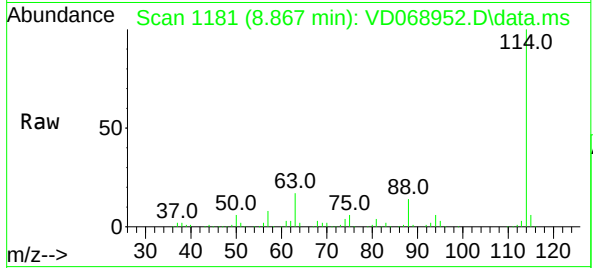




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

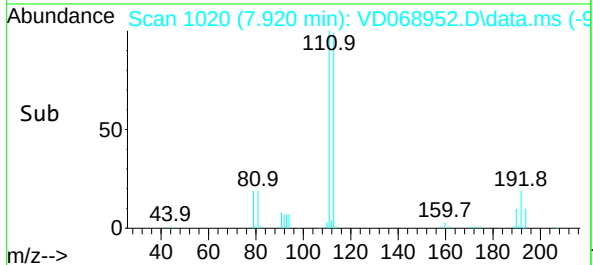
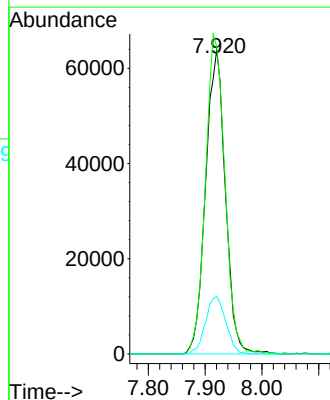
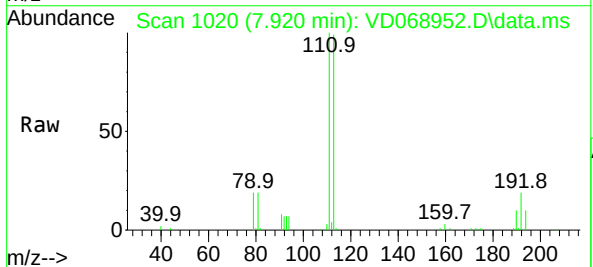
Instrument :
MSVOA_D
ClientSampled :

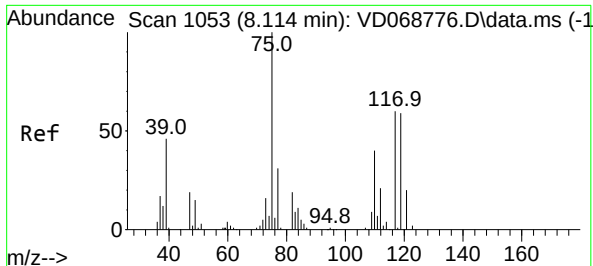
Tgt Ion:114 Resp: 487275
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 13.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion:113 Resp: 153579
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 3.98 ug/l

RT: 7.985 min Scan# 1031

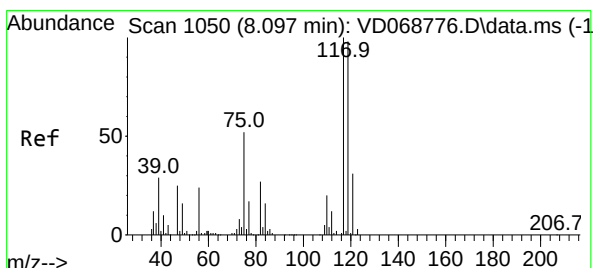
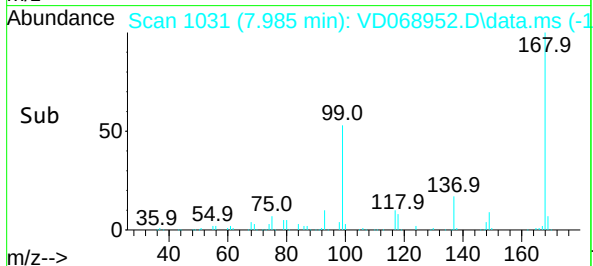
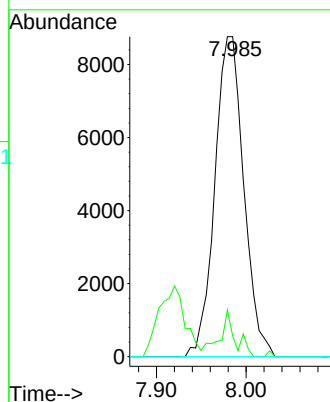
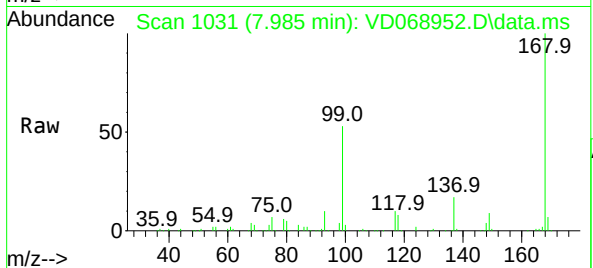
Delta R.T. -0.129 min

Lab File: VD068952.D

Acq: 22 Apr 2021 14:55

Tgt Ion:	75	Resp:	19647
Ion Ratio	Lower	Upper	
75	100		
110	8.0	18.1	54.4#
77	0.0	24.7	37.1#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.65 ug/l

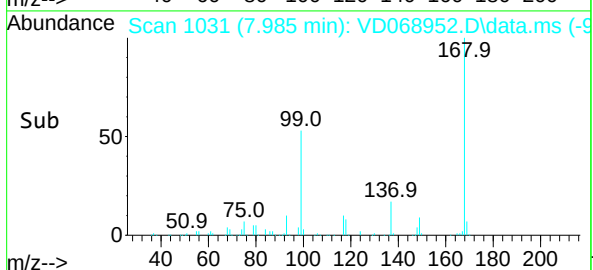
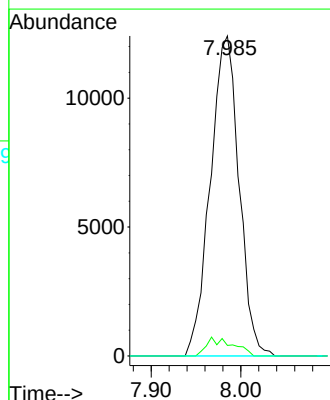
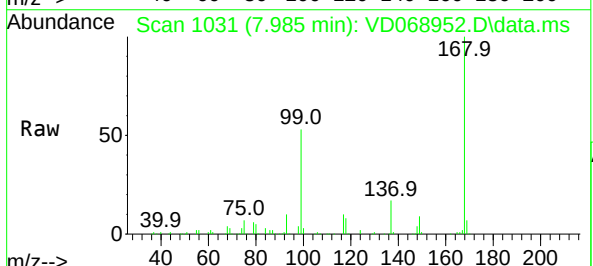
RT: 7.985 min Scan# 1031

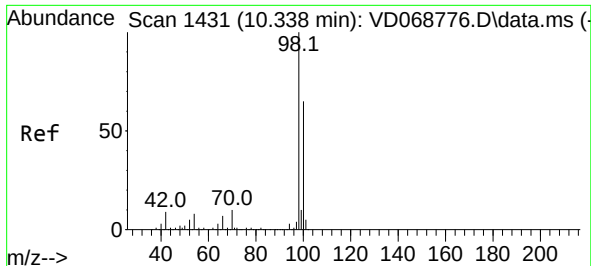
Delta R.T. -0.112 min

Lab File: VD068952.D

Acq: 22 Apr 2021 14:55

Tgt Ion:	117	Resp:	27574
Ion Ratio	Lower	Upper	
117	100		
119	3.3	76.6	115.0#
121	0.0	26.1	39.1#

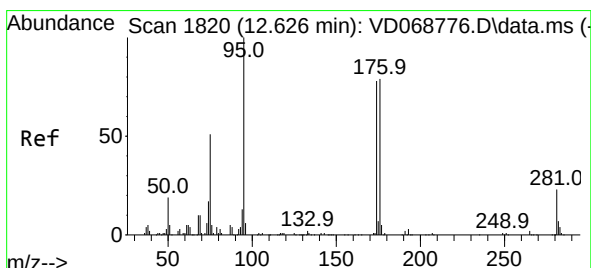
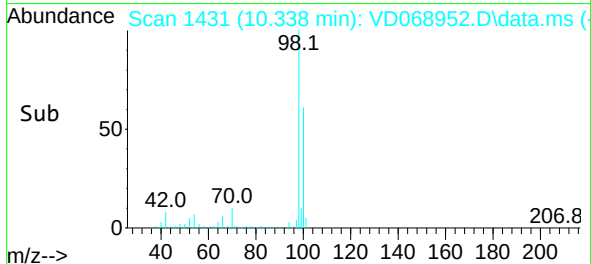
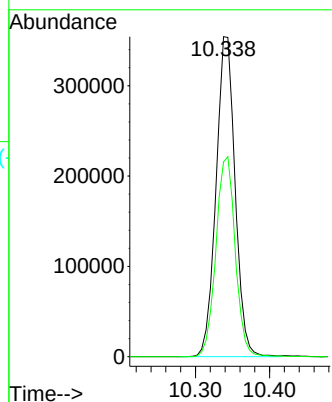
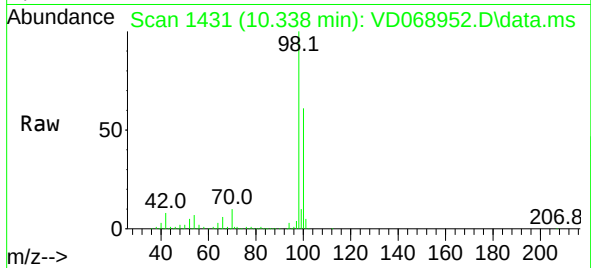




#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

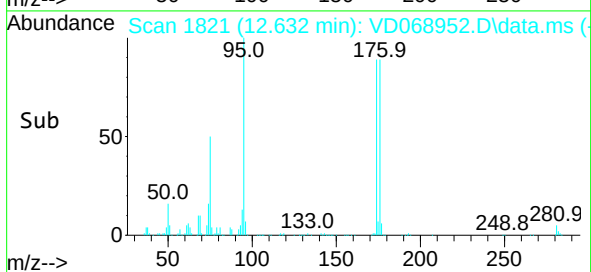
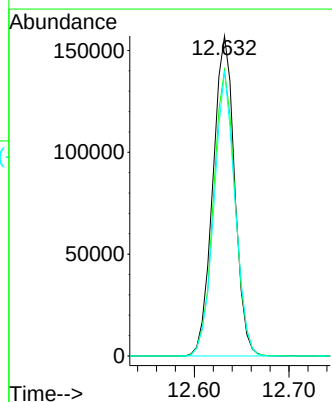
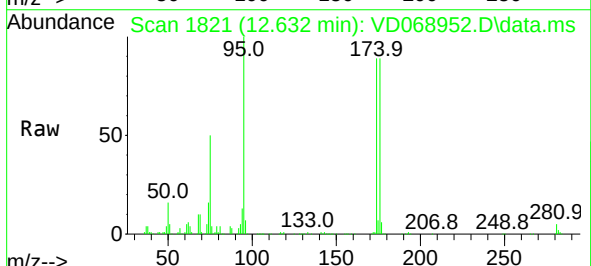
Instrument :
MSVOA_D
ClientSampled :

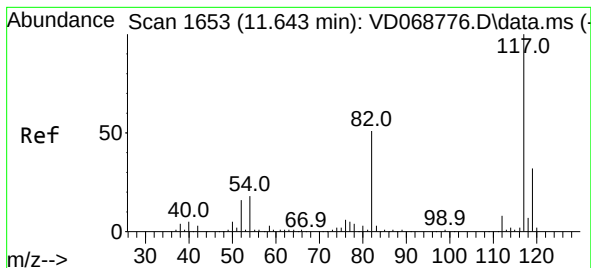
Tgt Ion: 98 Resp: 633866
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion: 95 Resp: 249967
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.0
176 86.1 0.0 160.2

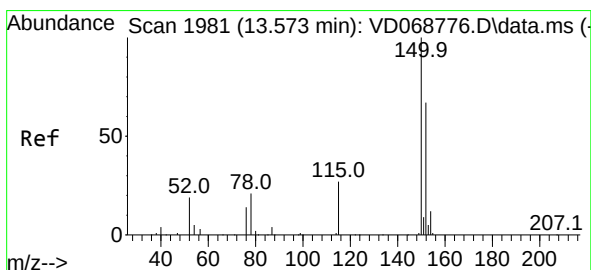
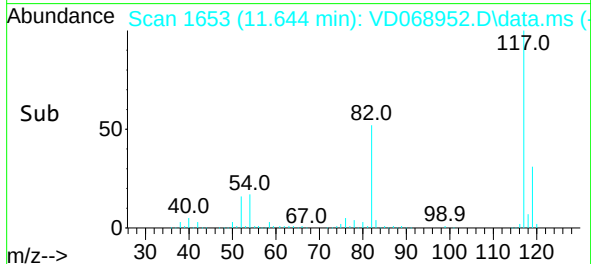
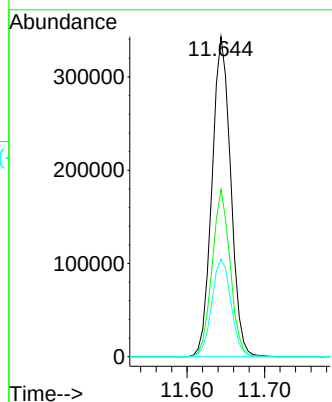
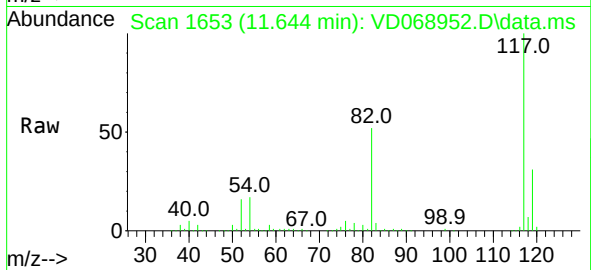




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

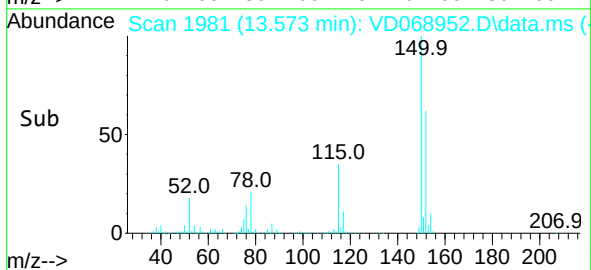
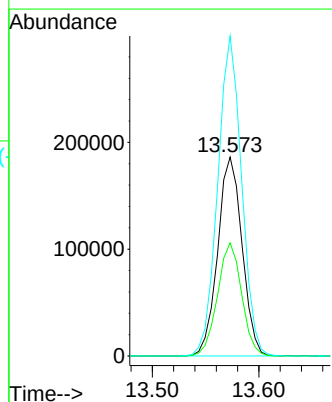
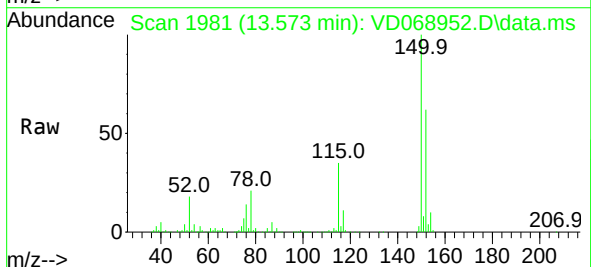
Instrument :
MSVOA_D
ClientSampleId :

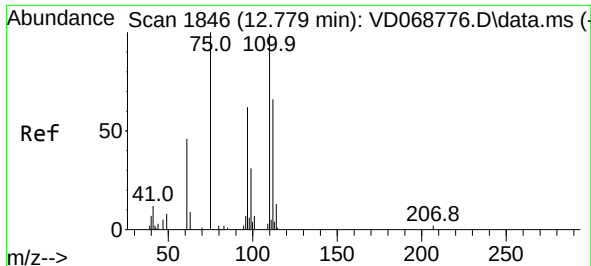
Tgt Ion:117 Resp: 575853
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 30.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion:152 Resp: 295461
Ion Ratio Lower Upper
152 100
115 56.2 29.3 87.8
150 157.7 0.0 347.6

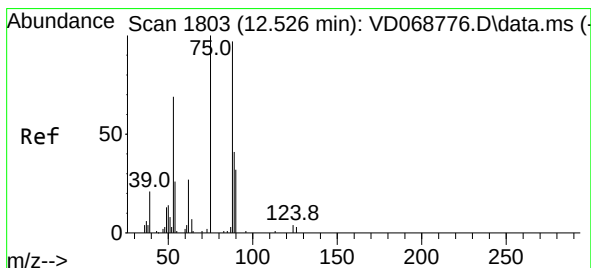
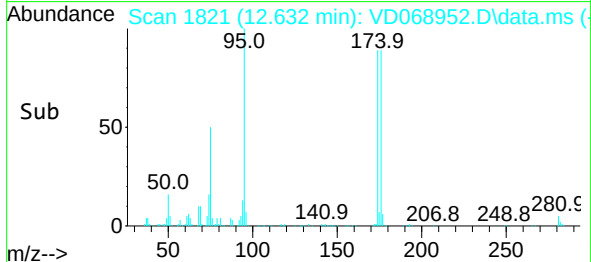
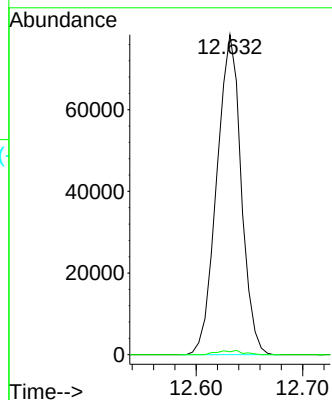
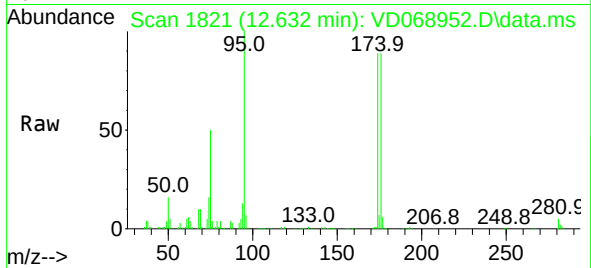




#76
1,2,3-Trichloropropane
Concen: 46.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 124549
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068952.D
Acq: 22 Apr 2021 14:55

Tgt Ion: 75 Resp: 124549
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

