

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068972.D
 Acq On : 23 Apr 2021 17:25
 Operator : VA/SY
 Sample : M2148-01
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:51:41 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)

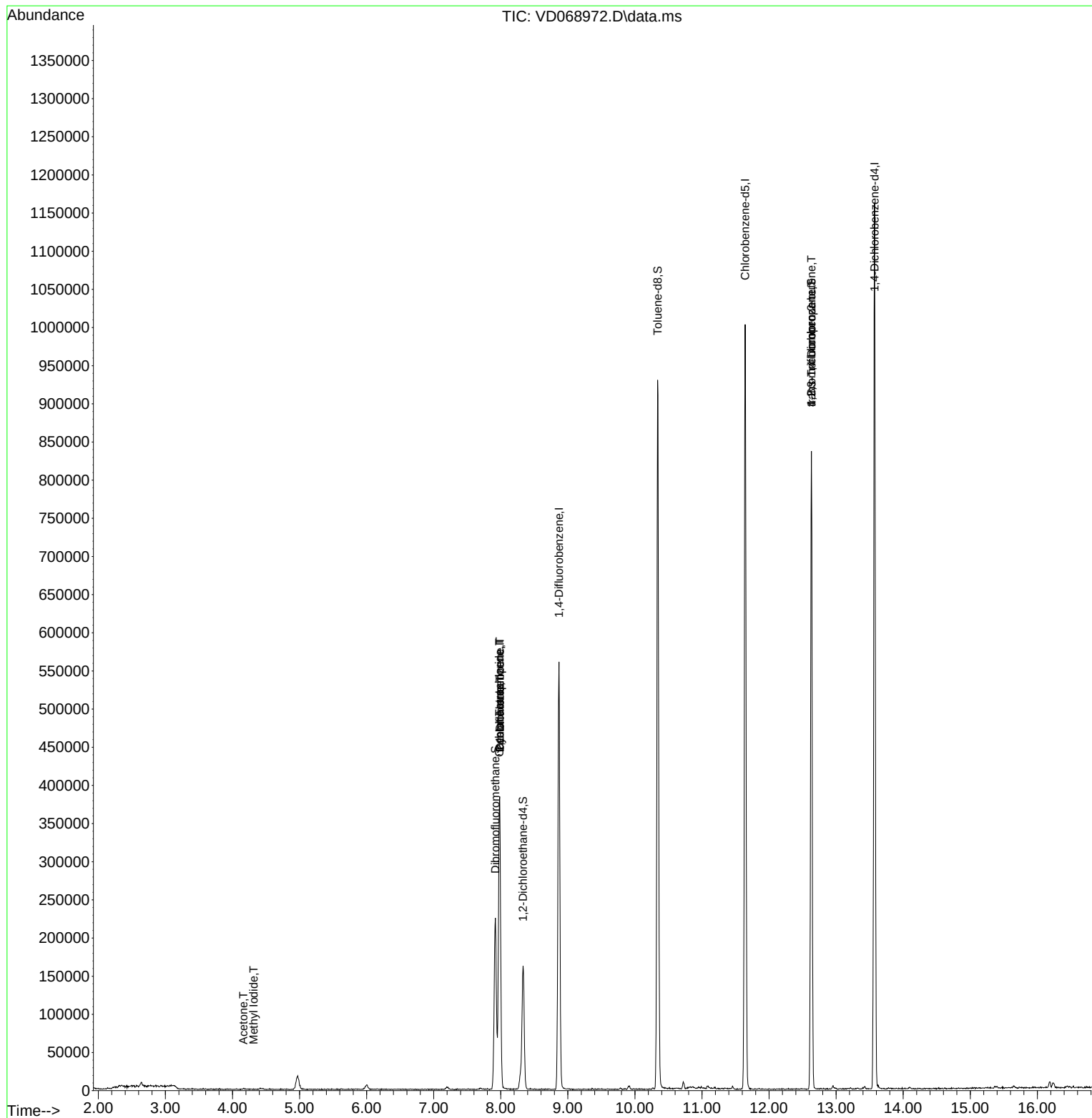
Internal Standards						
1) Pentafluorobenzene	7.985	168	297636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	508185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	608335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	320216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131021	41.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.30%		
35) Dibromofluoromethane	7.920	113	159926	48.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.76%		
50) Toluene-d8	10.338	98	652542	52.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.66%		
62) 4-Bromofluorobenzene	12.632	95	273515	66.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	132.08%		
Target Compounds						
10) Methyl Iodide	4.314	142	60	2.26	ug/l #	41
16) Acetone	4.161	43	790	1.81	ug/l #	66
20) Methylene Chloride	4.967	84	15302	Below Cal		94
31) Cyclohexane	7.985	56	6730	1.29	ug/l #	18
36) 1,1-Dichloropropene	7.985	75	21737	4.23	ug/l #	50
38) Carbon Tetrachloride	7.979	117	29598	5.81	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	134932	46.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	134932	107.04	ug/l #	16

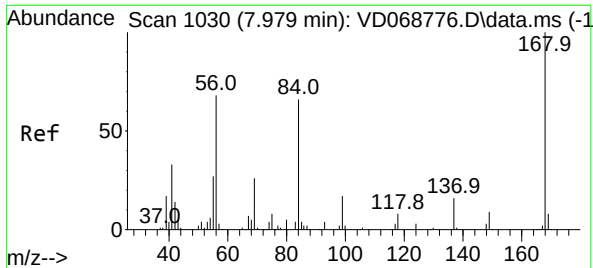
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068972.D
Acq On : 23 Apr 2021 17:25
Operator : VA/SY
Sample : M2148-01
Misc : 4.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 26 09:51:41 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

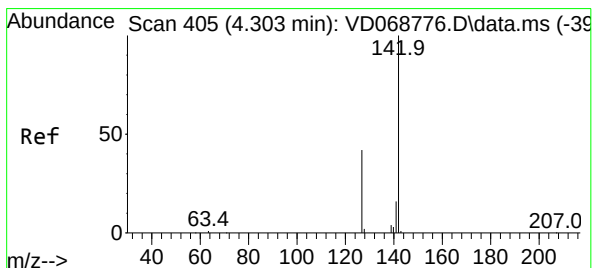
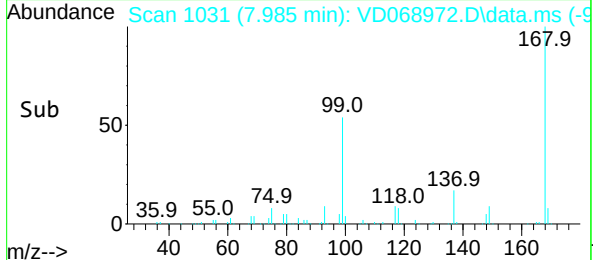
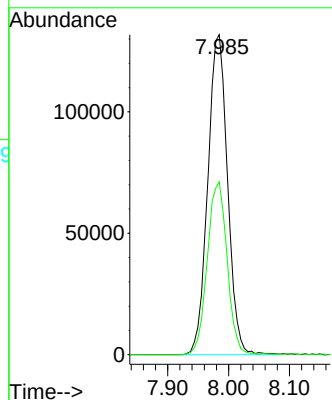
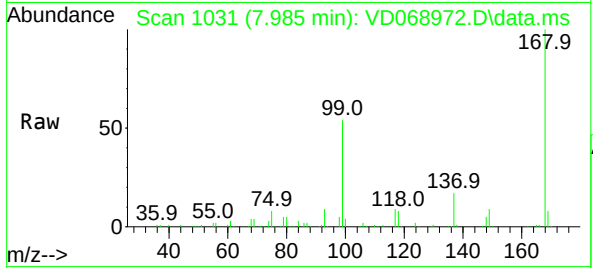




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

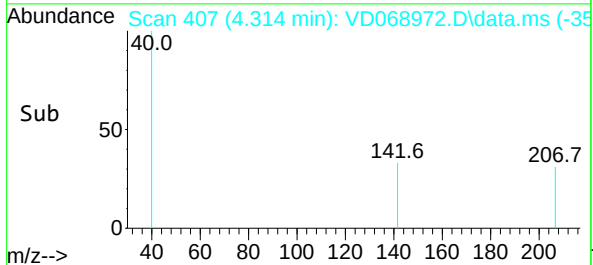
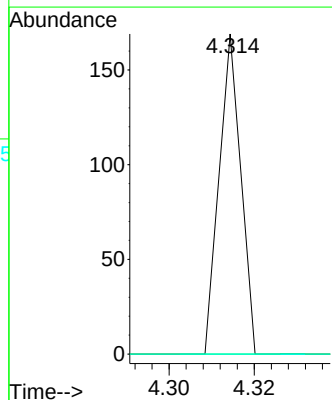
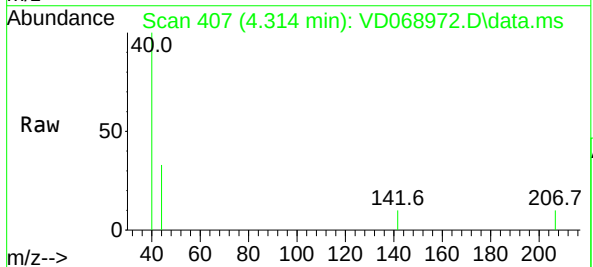
Instrument :
MSVOA_D
ClientSampled :

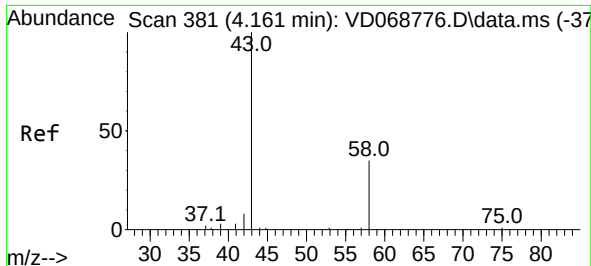
Tgt Ion:168 Resp: 297636
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

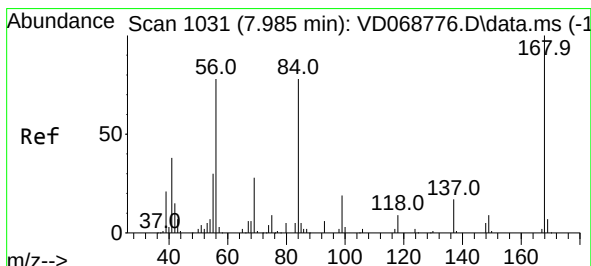
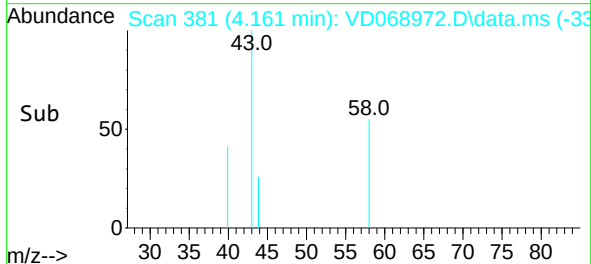
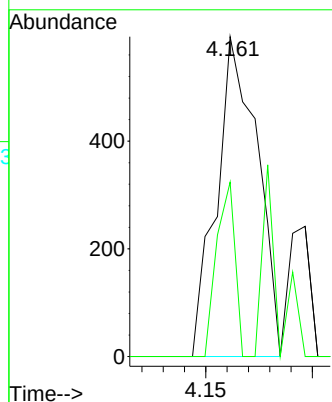
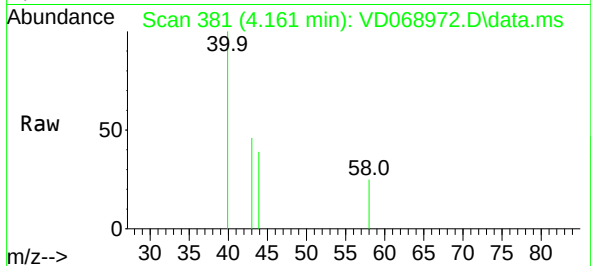




#16
Acetone
Concen: 1.81 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

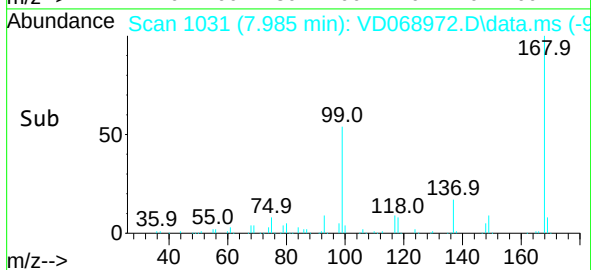
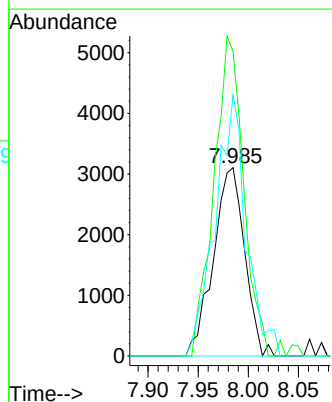
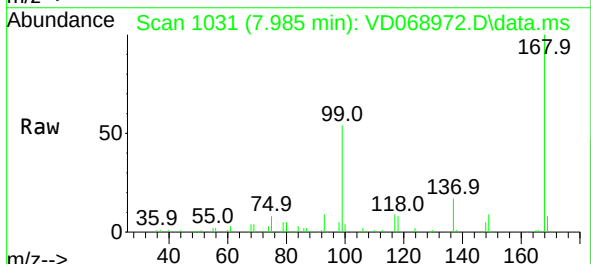
Instrument :
MSVOA_D
ClientSampleId :

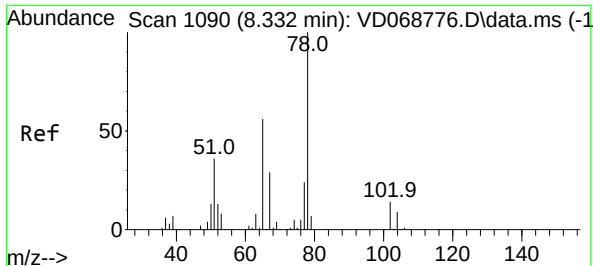
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 54.5 28.0 42.0#



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 56 Resp: 6730
Ion Ratio Lower Upper
56 100
69 161.9 30.0 45.0#
84 138.5 82.0 123.0#

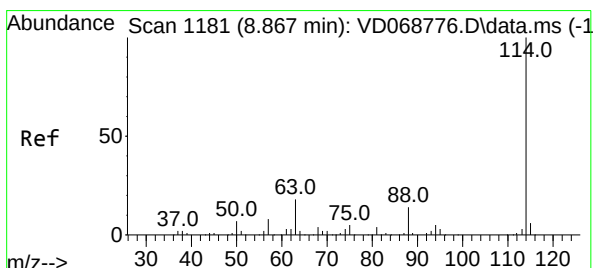
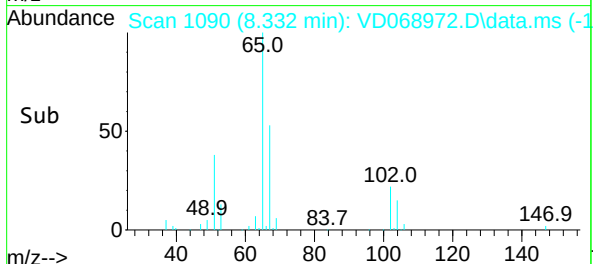
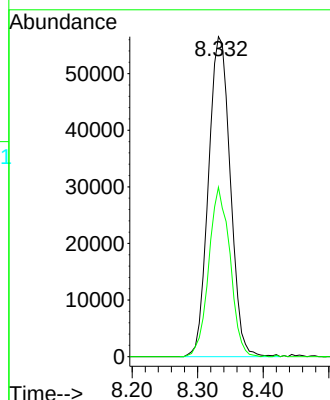
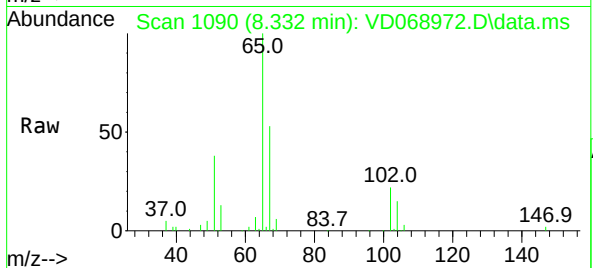




#33
1,2-Dichloroethane-d4
Concen: 41.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

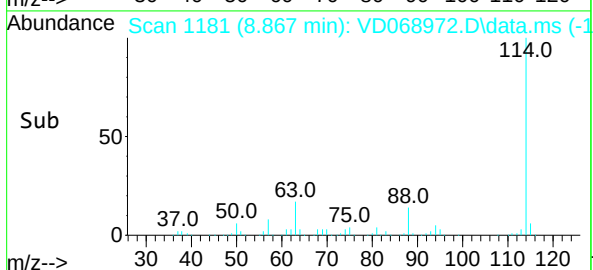
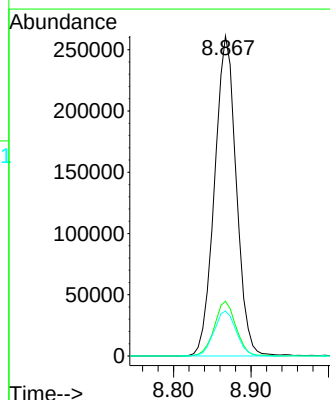
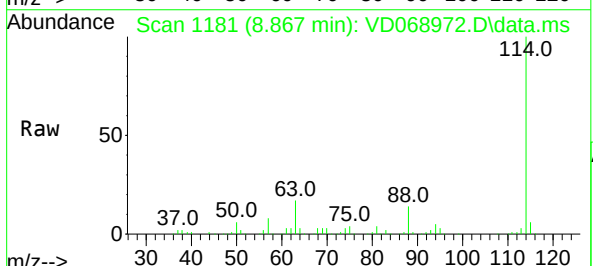
Instrument :
MSVOA_D
ClientSampleId :

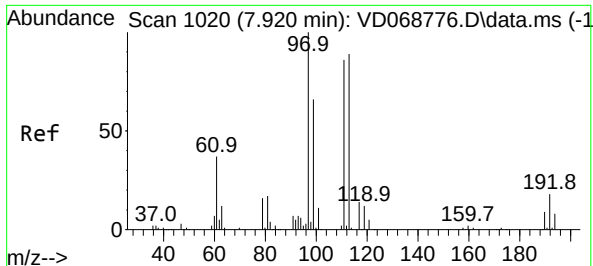
Tgt Ion: 65 Resp: 131021
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 114 Resp: 508185
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.0 0.0 29.4

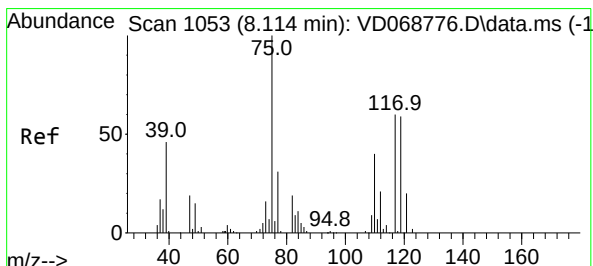
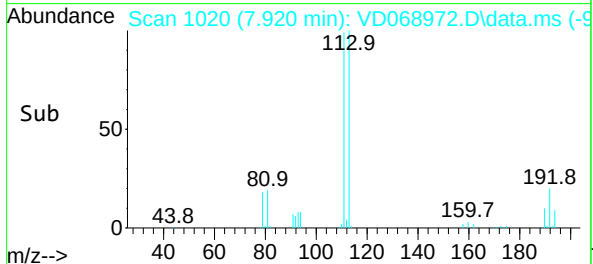
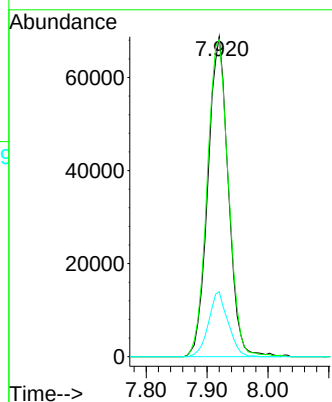
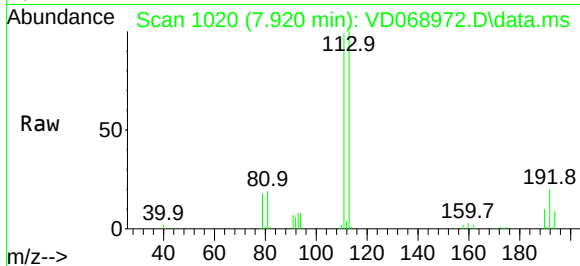




#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

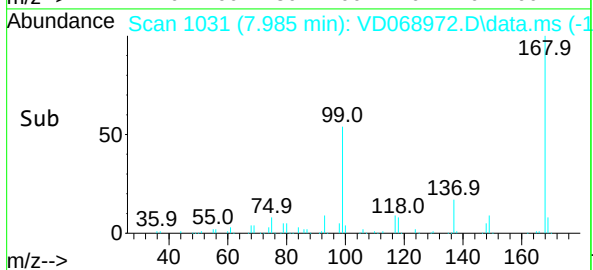
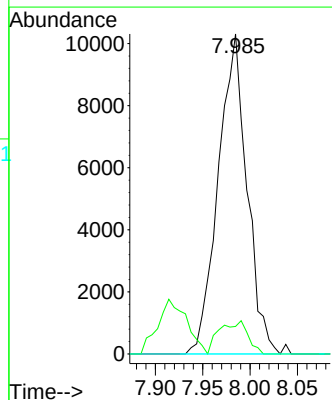
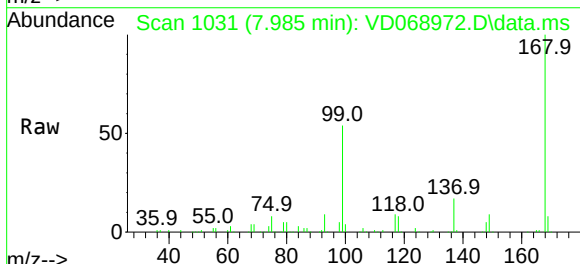
Instrument :
MSVOA_D
ClientSampleId :

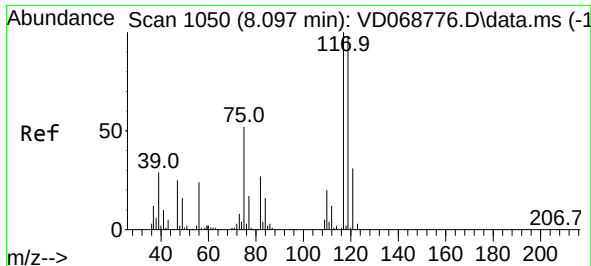
Tgt Ion:	113	Resp:	159926
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.5	123.7
192	19.4	15.1	22.7



#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion:	75	Resp:	21737
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.0	24.7	37.1#

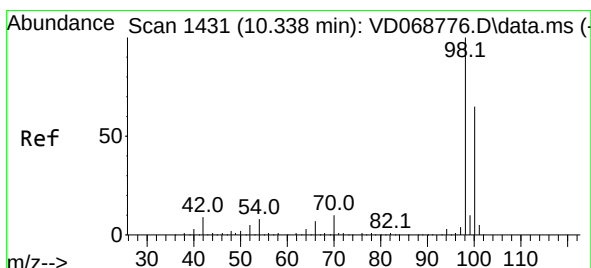
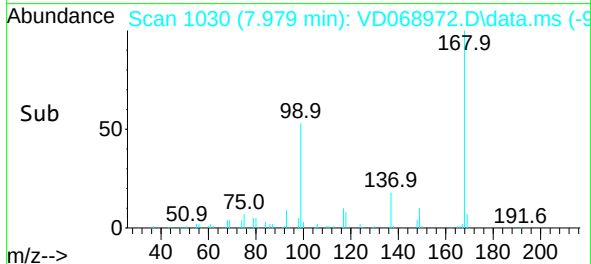
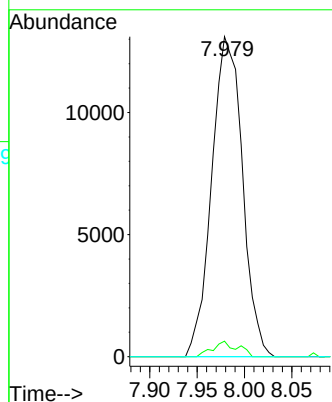
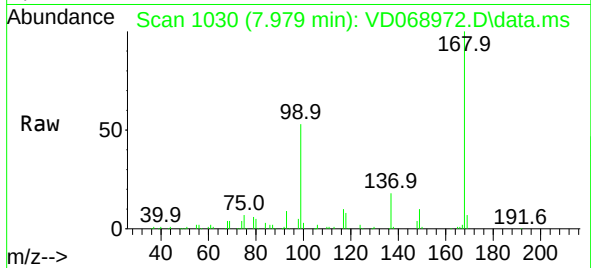




#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

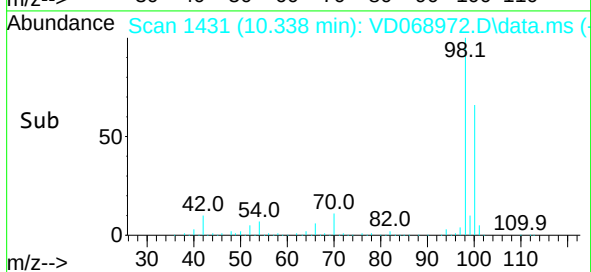
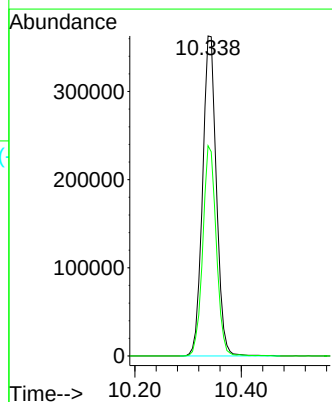
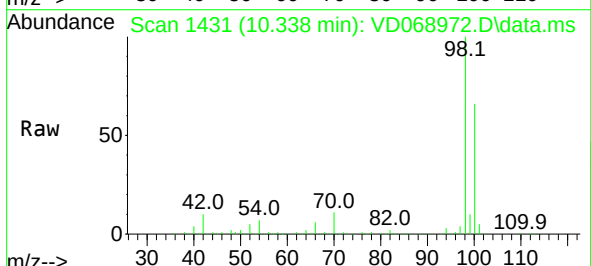
Instrument :
MSVOA_D
ClientSampleId :

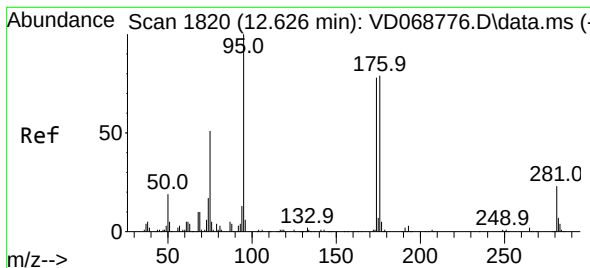
Tgt Ion:117 Resp: 29598
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 98 Resp: 652542
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

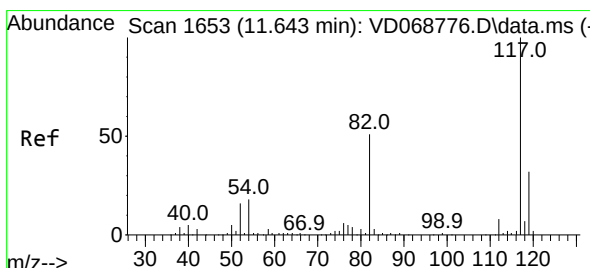
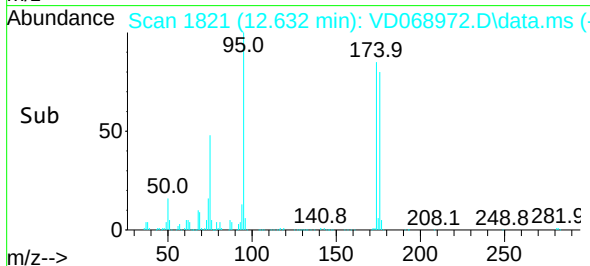
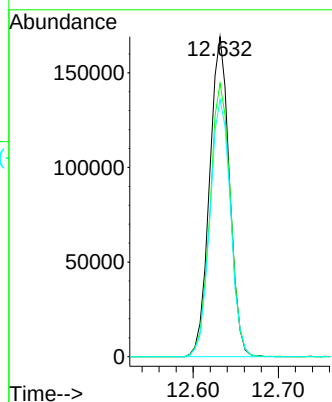
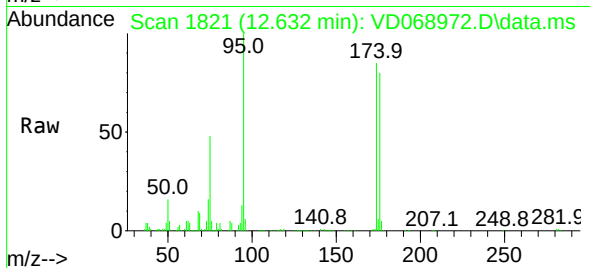




#62
4-Bromofluorobenzene
Concen: 66.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

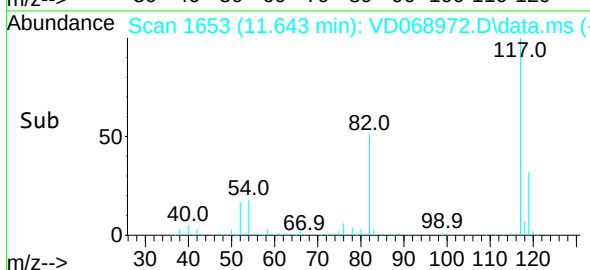
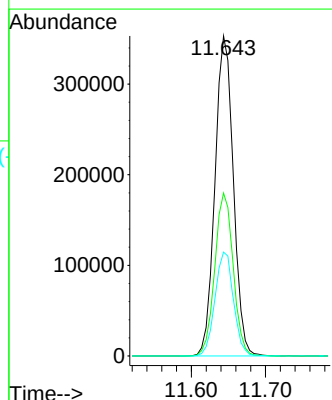
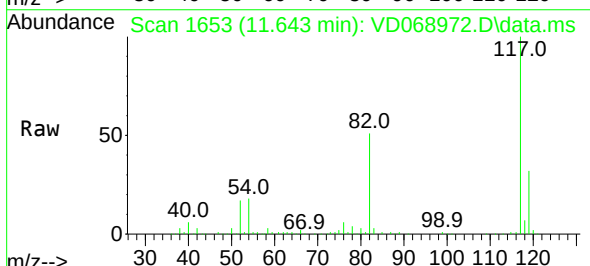
Instrument :
MSVOA_D
ClientSampled :

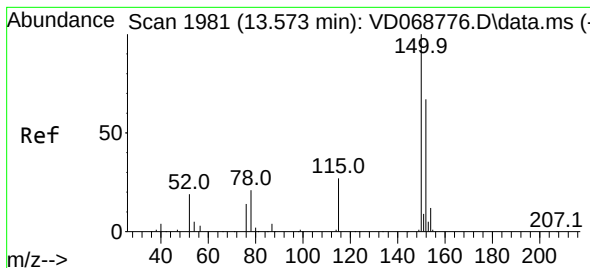
Tgt Ion: 95 Resp: 273515
Ion Ratio Lower Upper
95 100
174 88.1 0.0 168.0
176 83.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

Tgt Ion: 117 Resp: 608335
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 32.4 26.7 40.1

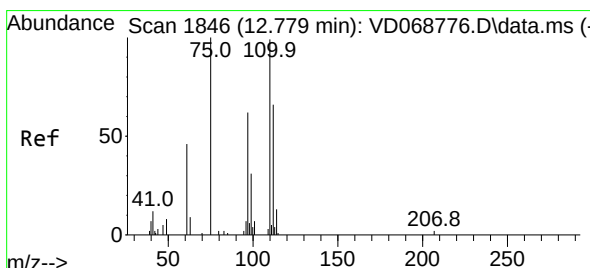
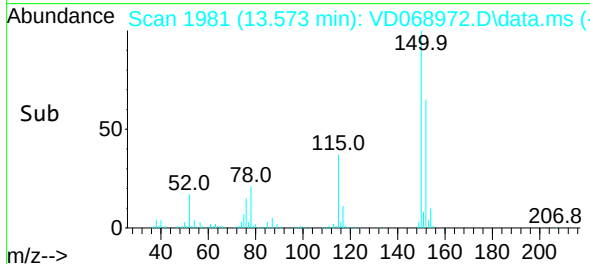
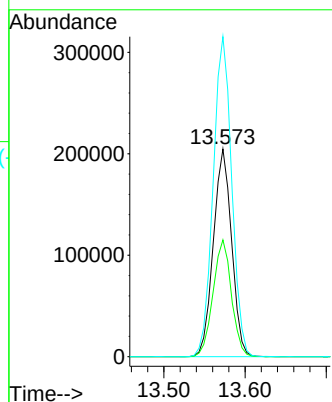
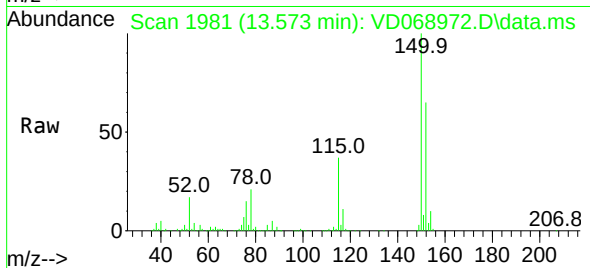




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

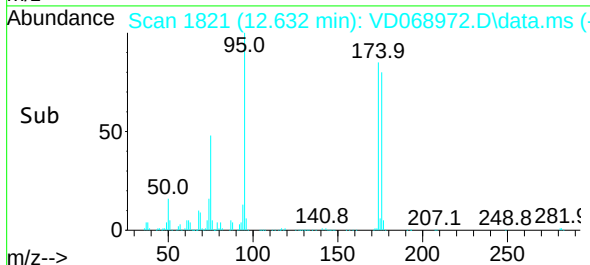
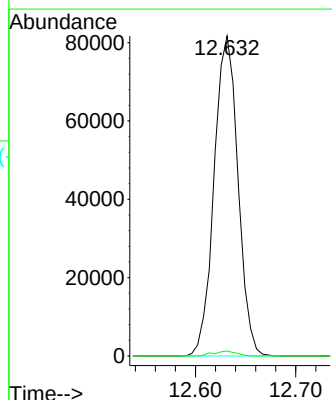
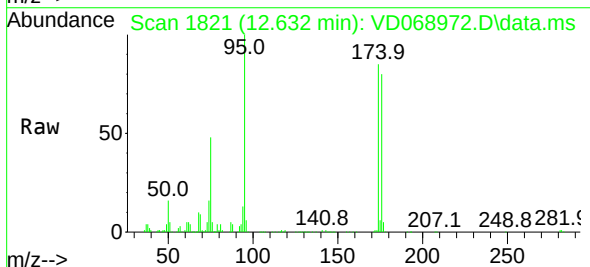
Instrument :
MSVOA_D
ClientSampleId :

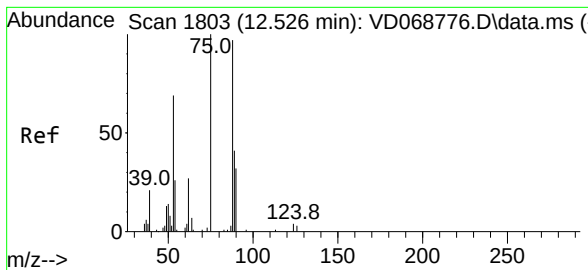
Tgt Ion:152 Resp: 320216
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068972.D
Acq: 23 Apr 2021 17:25

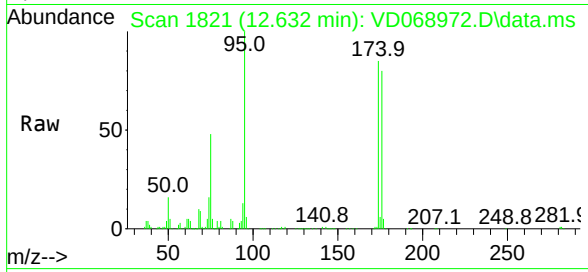
Tgt Ion: 75 Resp: 134932
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.04 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068972.D
 Acq: 23 Apr 2021 17:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 134932
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

