

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068740.D
 Acq On : 31 Mar 2021 16:10
 Operator : VA/SY
 Sample : M1874-07
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

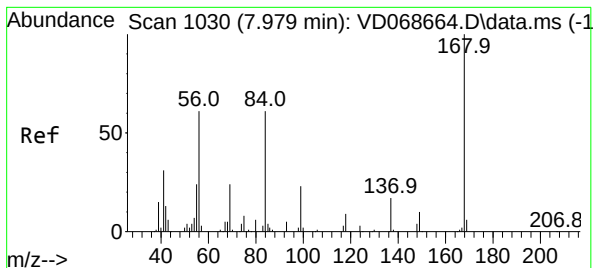
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	322610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	582398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	606475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169008	51.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.90%			
35) Dibromofluoromethane	7.920	113	186662	51.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.02%			
50) Toluene-d8	10.343	98	746442	53.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.86%			
62) 4-Bromofluorobenzene	12.631	95	271328	59.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.80%			
Target Compounds					Qvalue	
16) Acetone	4.185	43	640	1.62	ug/l #	40
20) Methylene Chloride	4.967	84	10336	Below Cal	#	84
31) Cyclohexane	7.979	56	6950	1.32	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	25386	4.88	ug/l #	49
38) Carbon Tetrachloride	7.979	117	32810	6.32	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	2841	1.73	ug/l #	1
71) Bromoform	12.631	173	2434	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	138737	57.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	138737	130.87	ug/l #	16

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

Quant Time: Apr 01 00:45:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

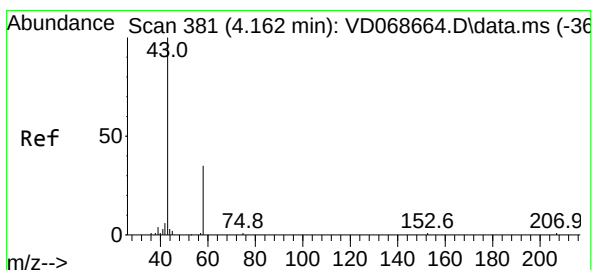
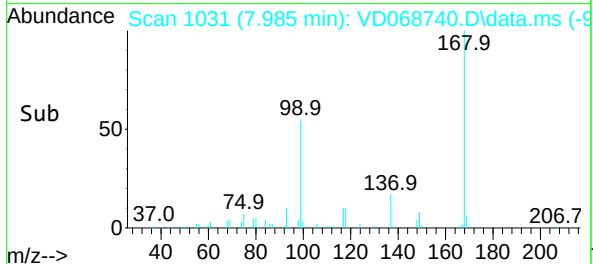
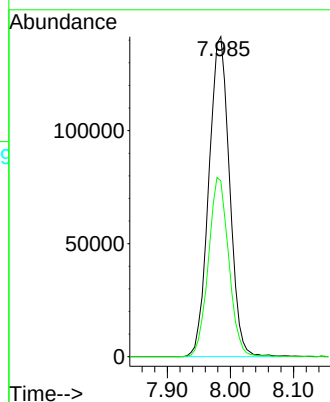
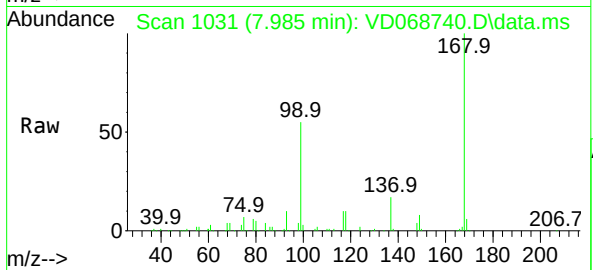




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

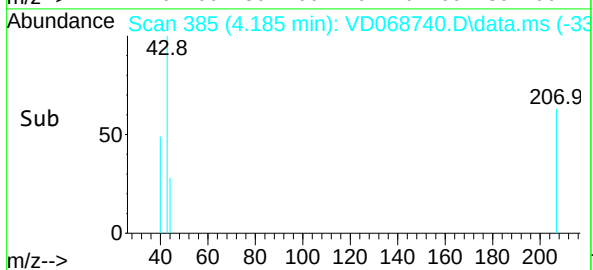
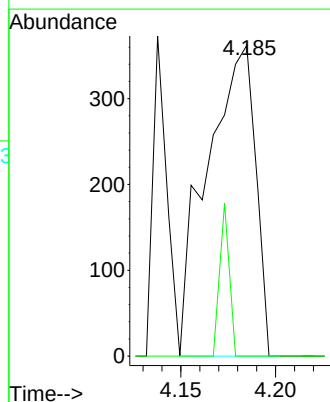
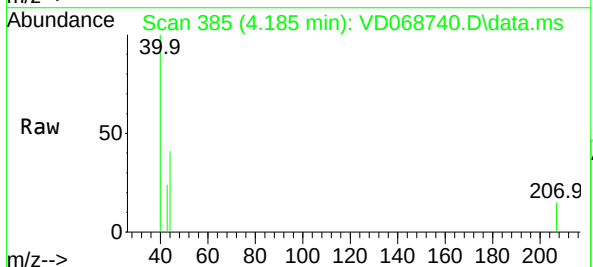
Instrument :
MSVOA_D
ClientSampleId :

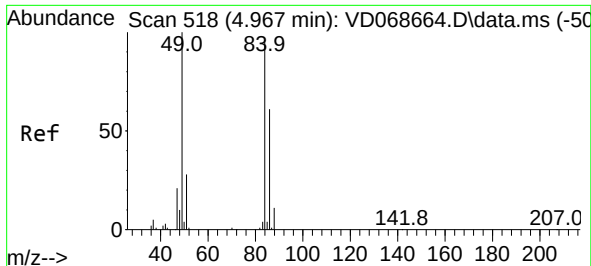
Tgt Ion:168 Resp: 322610
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#16
Acetone
Concen: 1.62 ug/l
RT: 4.185 min Scan# 385
Delta R.T. 0.023 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

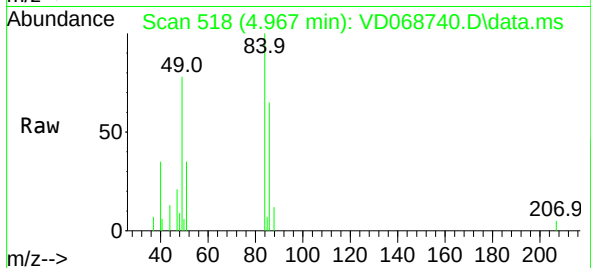
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



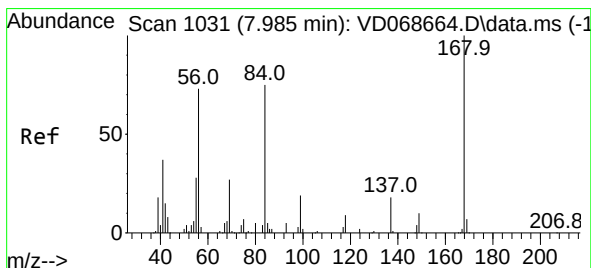
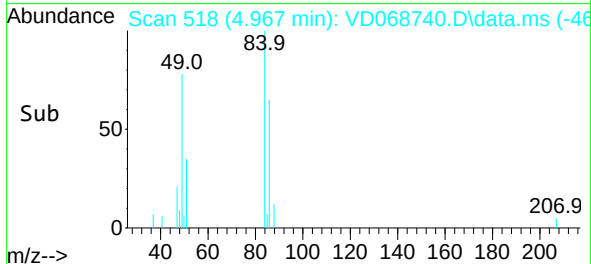
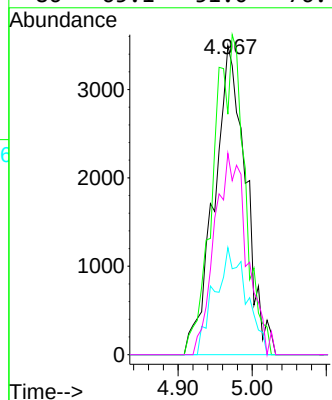


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_D
ClientSampled :

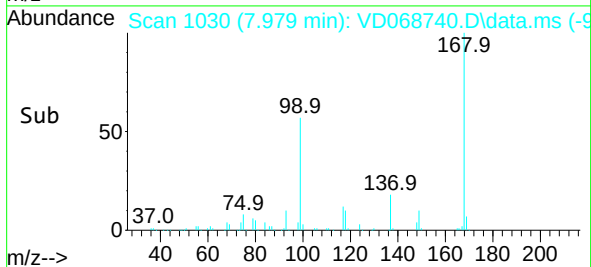
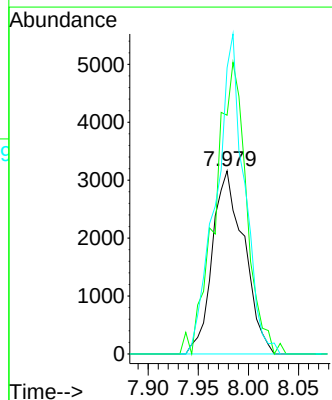
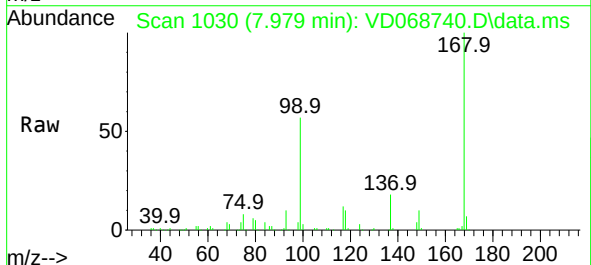


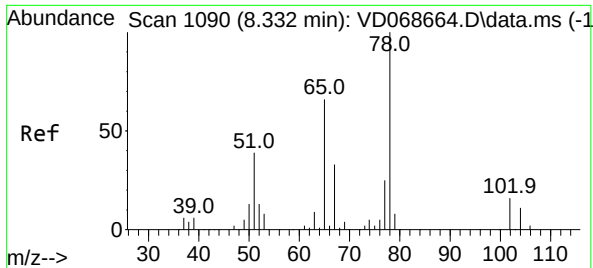
Tgt Ion: 84 Resp: 10336
Ion Ratio Lower Upper
84 100
49 77.8 83.4 125.0#
51 34.6 23.4 35.2
86 65.1 51.0 76.4



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 56 Resp: 6950
Ion Ratio Lower Upper
56 100
69 130.4 30.0 45.0#
84 156.3 82.0 123.0#

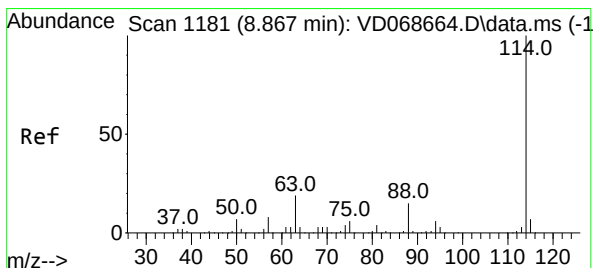
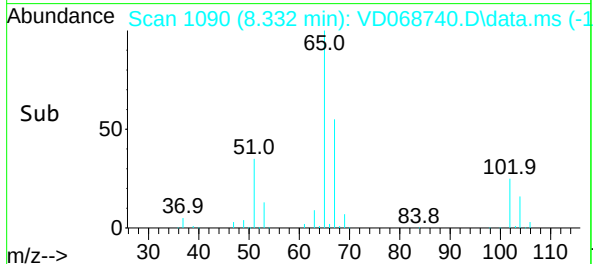
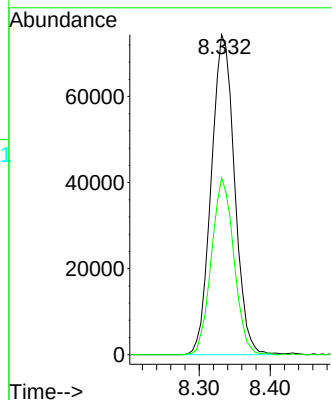
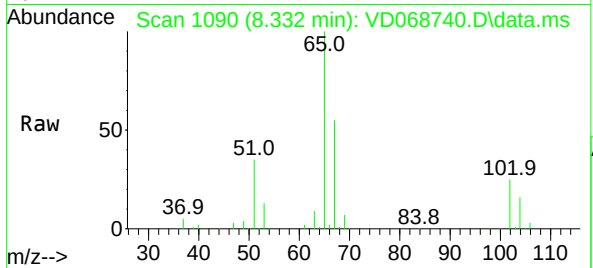




#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

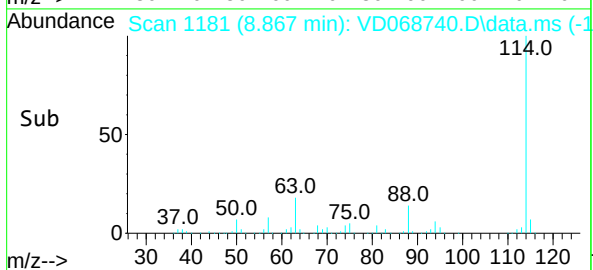
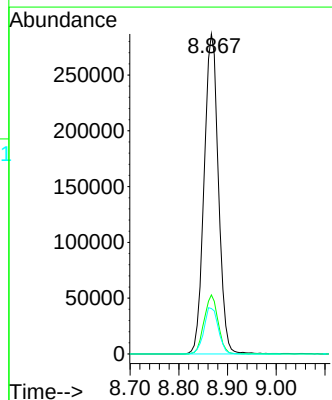
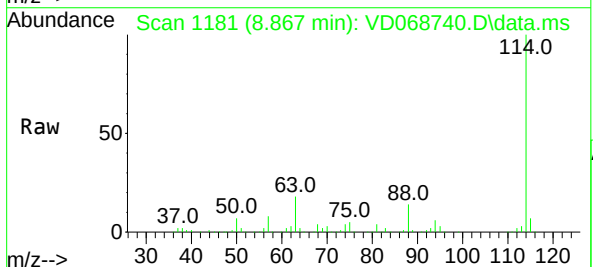
Instrument :
MSVOA_D
ClientSampled :

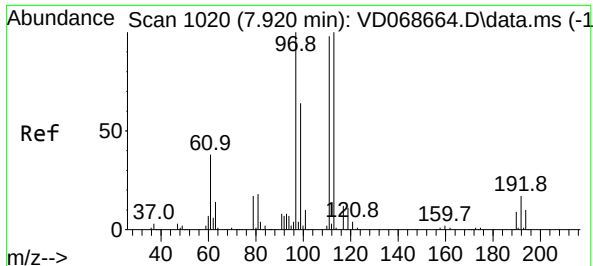
Tgt Ion: 65 Resp: 169008
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 114 Resp: 582398
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.51 ug/l

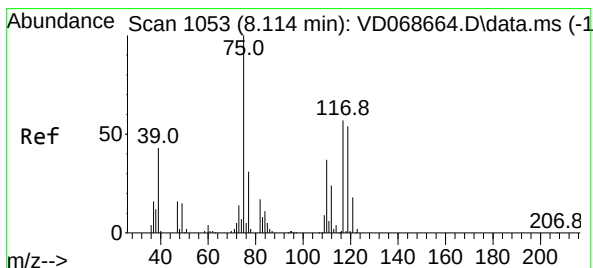
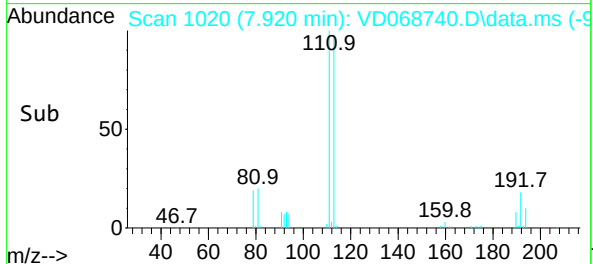
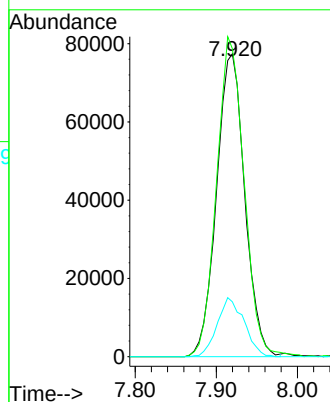
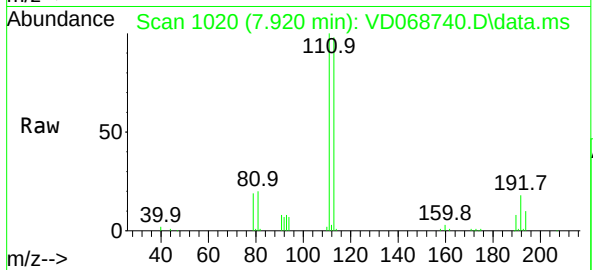
RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068740.D

Acq: 31 Mar 2021 16:10

Tgt Ion:	113	Resp:	186662
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	18.6	15.1	22.7



#36

1,1-Dichloropropene

Concen: 4.88 ug/l

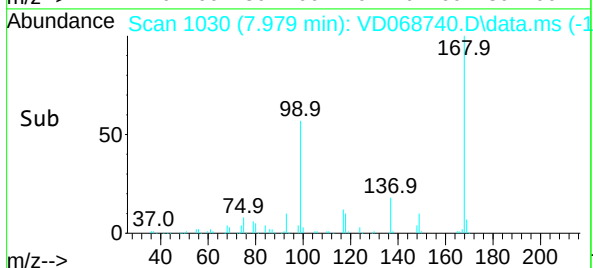
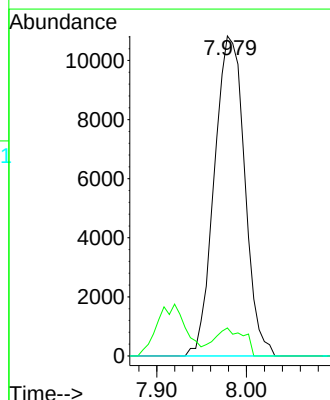
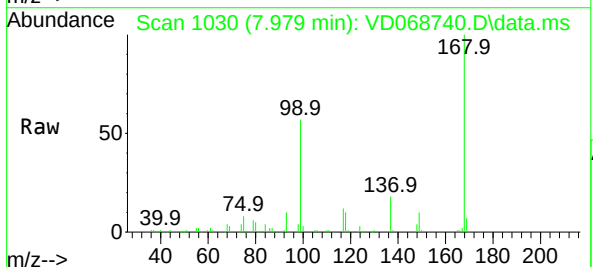
RT: 7.979 min Scan# 1030

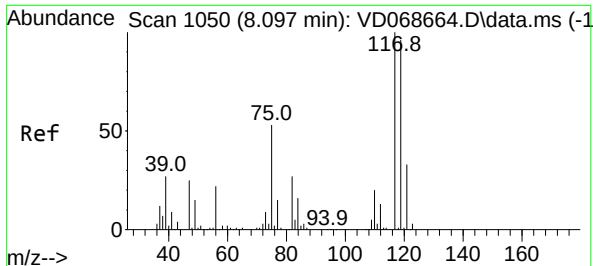
Delta R.T. -0.136 min

Lab File: VD068740.D

Acq: 31 Mar 2021 16:10

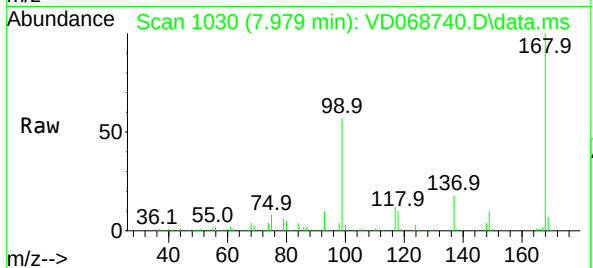
Tgt Ion:	75	Resp:	25386
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.7	37.1#



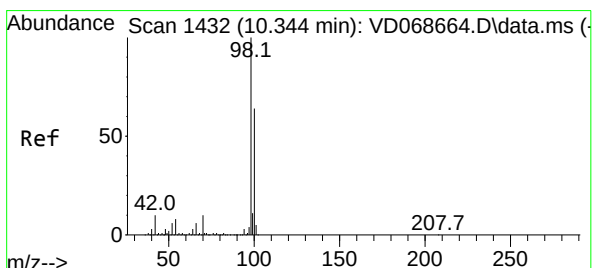
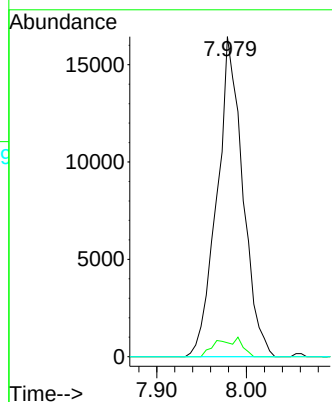
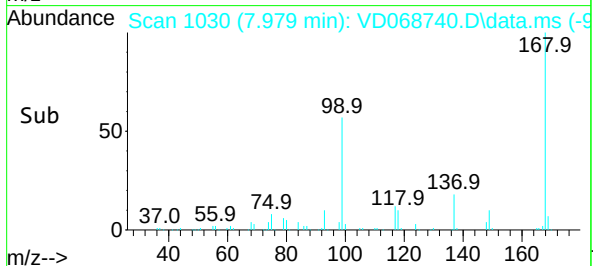


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

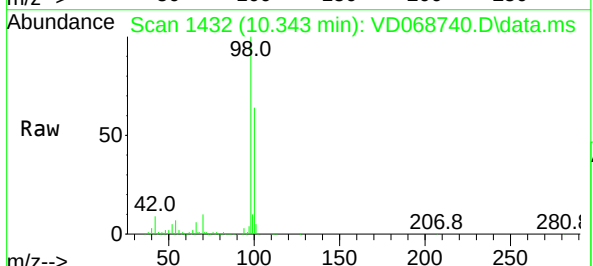
Instrument :
MSVOA_D
ClientSampled :



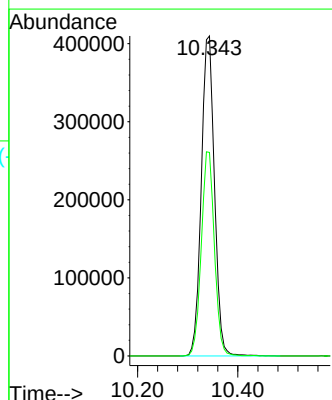
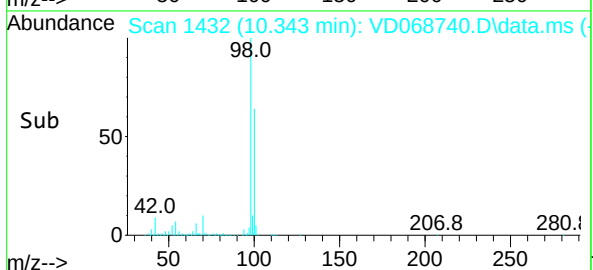
Tgt Ion:117 Resp: 32810
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 26.1 39.1#

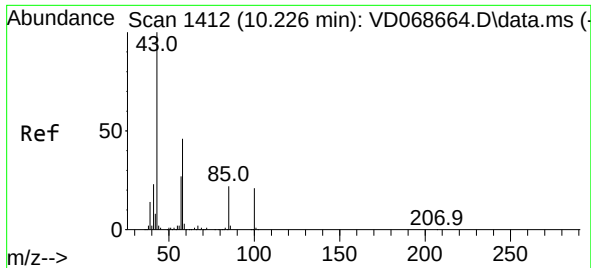


#50
Toluene-d8
Concen: 53.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10



Tgt Ion: 98 Resp: 746442
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

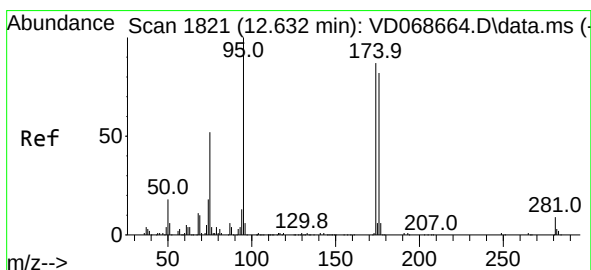
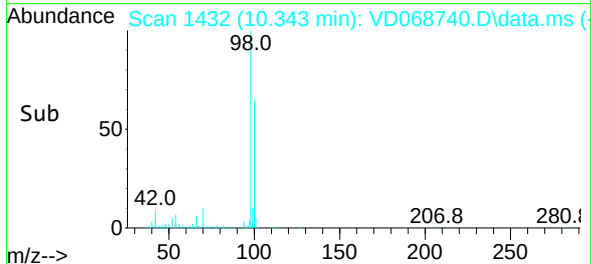
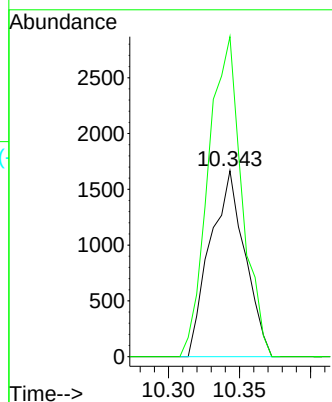
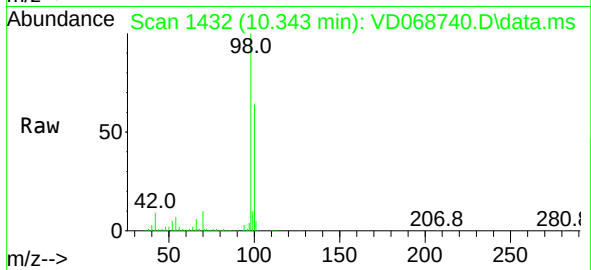




#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

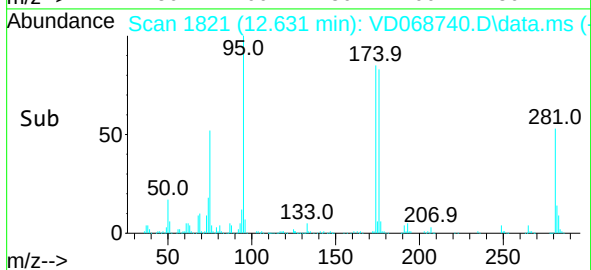
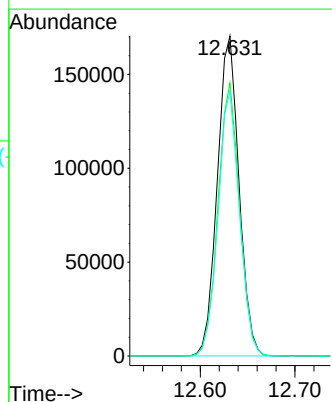
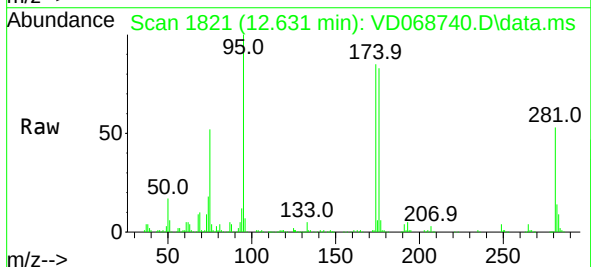
Instrument :
MSVOA_D
ClientSampled :

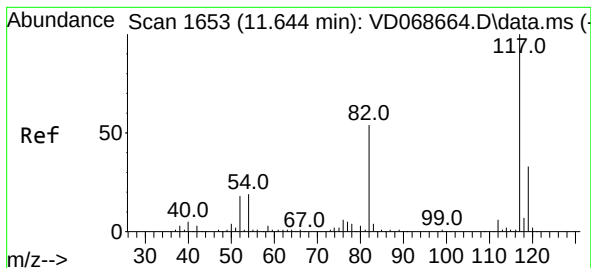
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 166.5 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 59.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 95 Resp: 271328
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.0
176 82.0 0.0 160.2

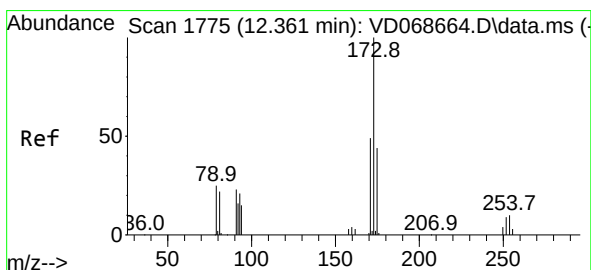
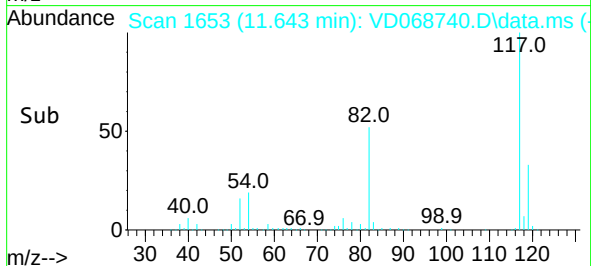
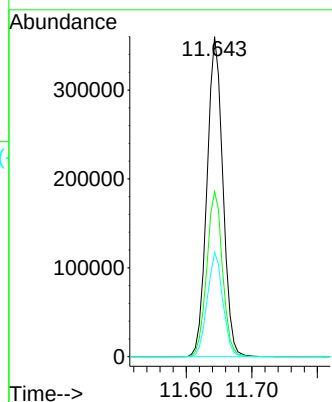
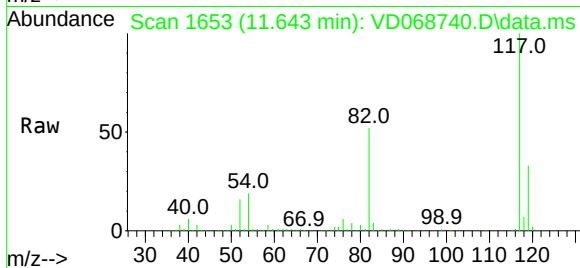




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

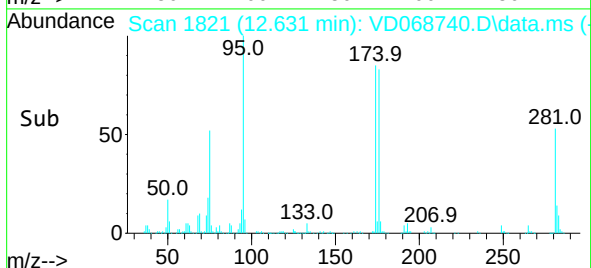
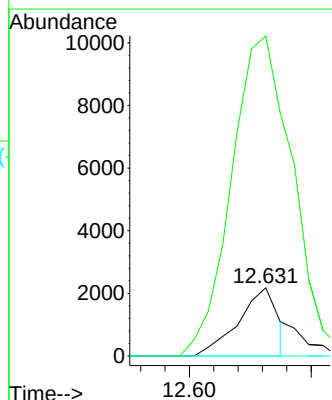
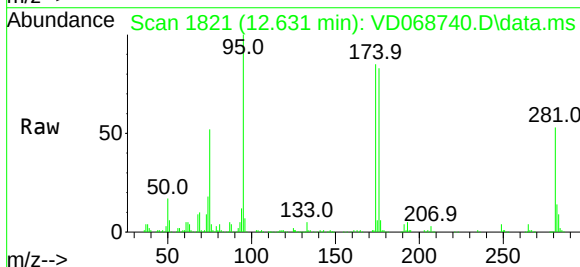
Instrument :
MSVOA_D
ClientSampleId :

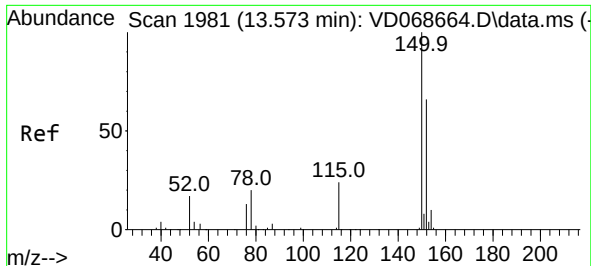
Tgt Ion:117 Resp: 606475
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.7 26.7 40.1



#71
Bromoform
Concen: 1.07 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.270 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion:173 Resp: 2434
Ion Ratio Lower Upper
173 100
175 587.3 23.6 71.0#
254 0.0 0.0 0.0

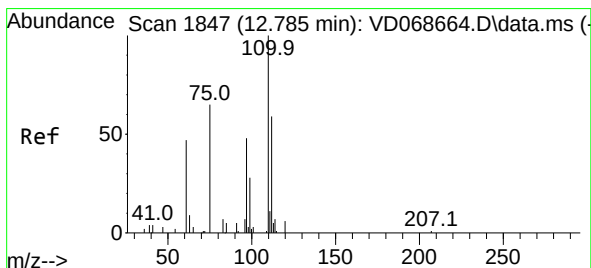
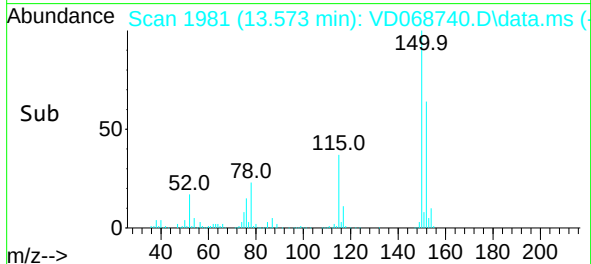
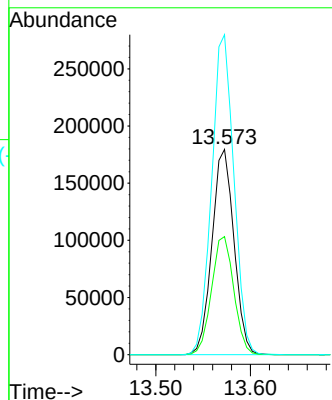
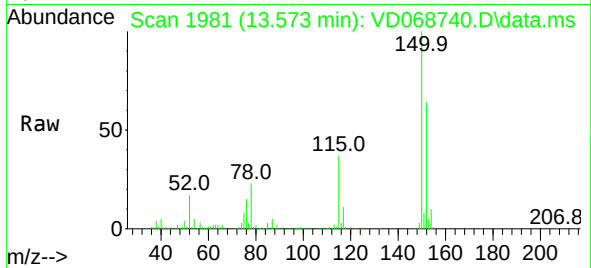




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

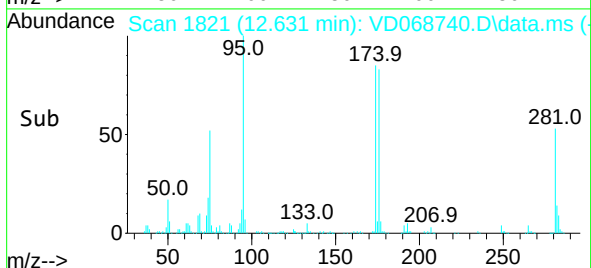
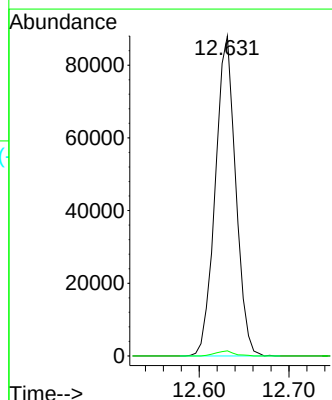
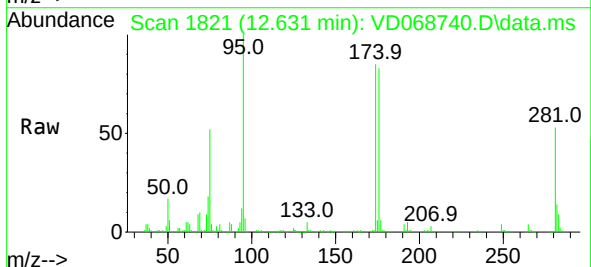
Instrument :
MSVOA_D
ClientSampled :

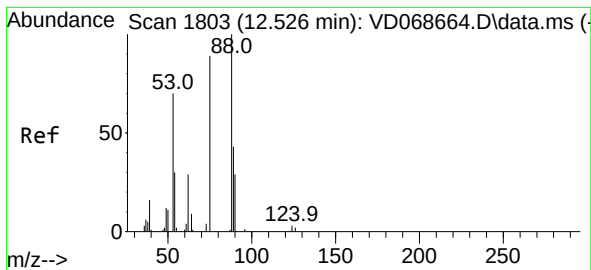
Tgt Ion:152 Resp: 289770
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 57.52 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

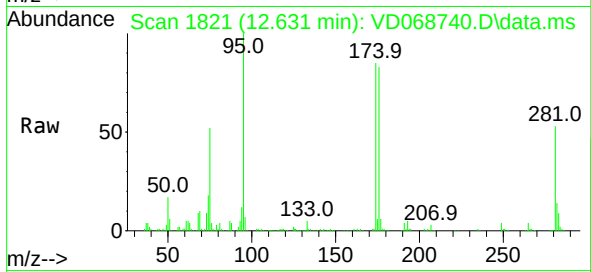
Tgt Ion: 75 Resp: 138737
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.87 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068740.D
 Acq: 31 Mar 2021 16:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 138737
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.6 36.6 54.8#

