

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068723.D
 Acq On : 30 Mar 2021 12:41
 Operator : VA/SY
 Sample : M1828-01RE
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 01:00:36 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)

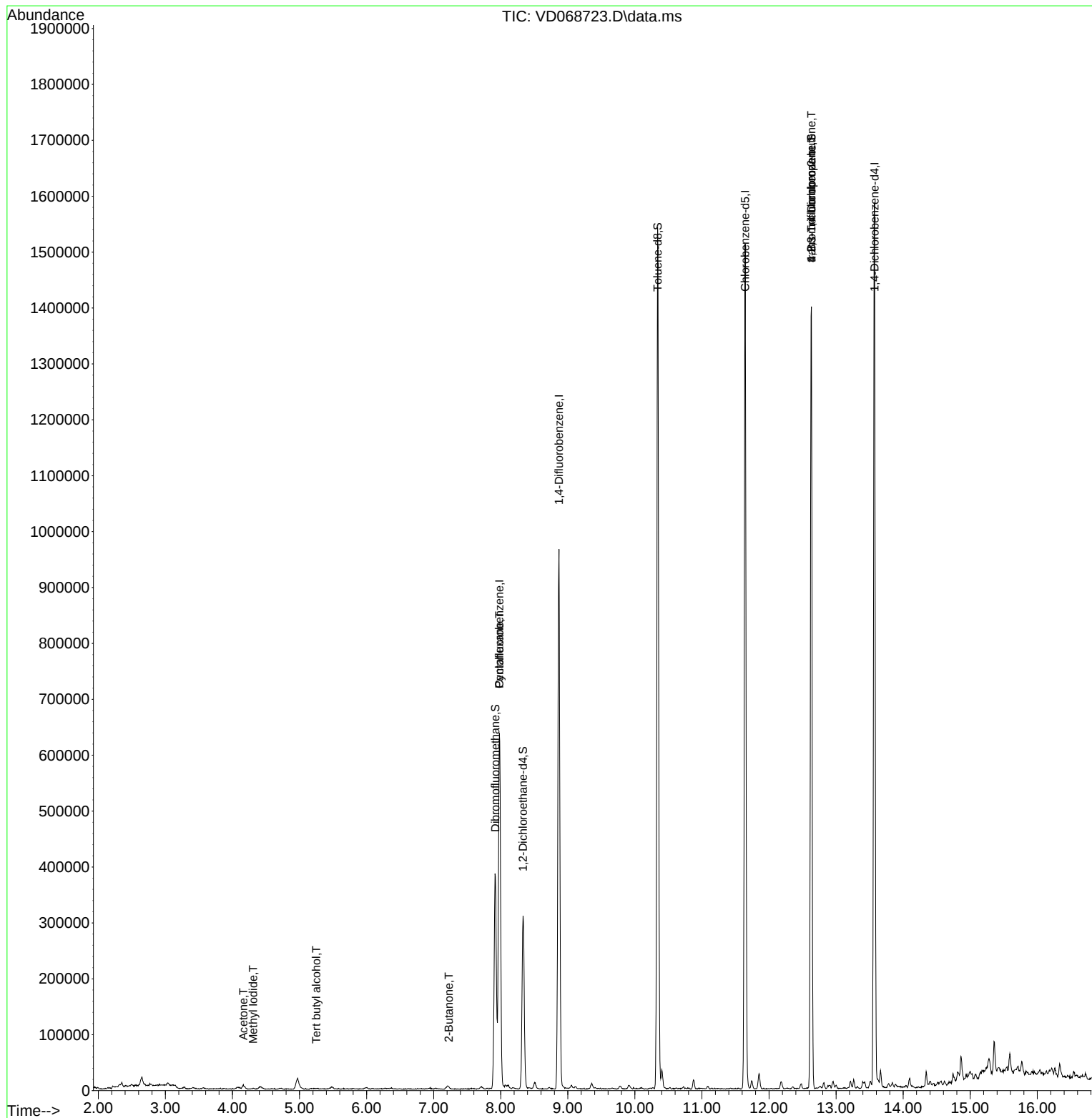
Internal Standards						
1) Pentafluorobenzene	7.979	168	502607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	894295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	905579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	445732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252015	49.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.46%		
35) Dibromofluoromethane	7.920	113	276302	49.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.32%		
50) Toluene-d8	10.338	98	1097781	51.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.34%		
62) 4-Bromofluorobenzene	12.632	95	410507	59.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.04%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	1566	3.77	ug/l #	77
11) Tert butyl alcohol	5.250	59	481	2.06	ug/l	95
16) Acetone	4.162	43	11018	17.92	ug/l	99
20) Methylene Chloride	4.973	84	15906	Below Cal		91
25) 2-Butanone	7.226	43	1727	1.70	ug/l	91
31) Cyclohexane	7.979	56	12030	1.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	204166	55.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	204166	125.21	ug/l #	16

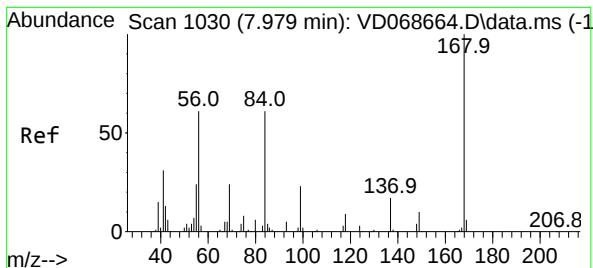
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
Data File : VD068723.D
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ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Mar 31 01:00:36 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

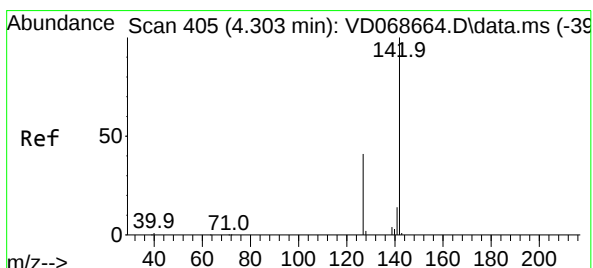
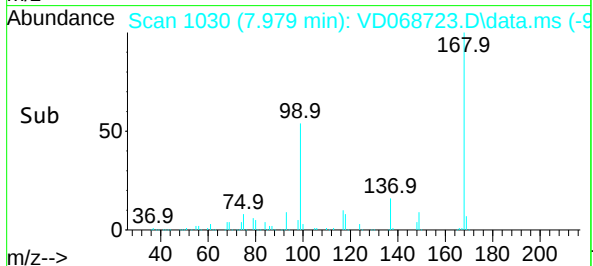
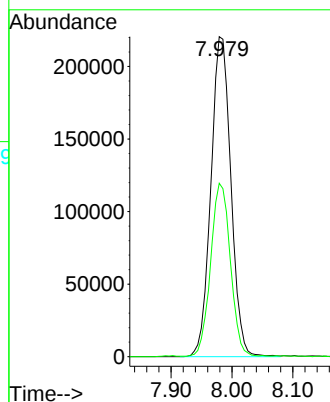
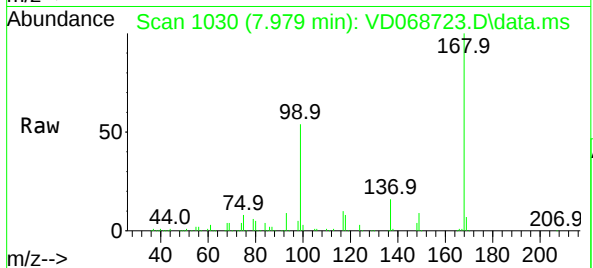




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

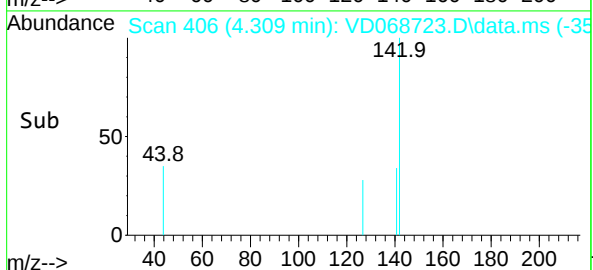
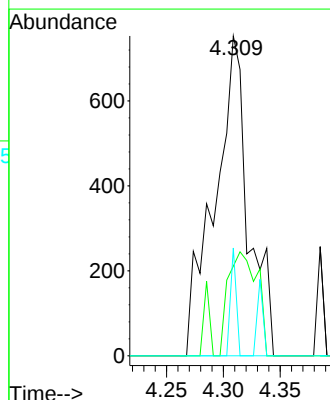
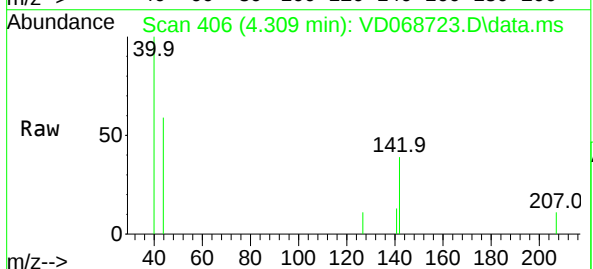
Instrument :
MSVOA_D
ClientSampleId :

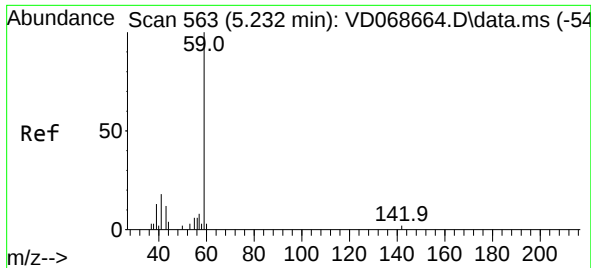
Tgt Ion:168 Resp: 502607
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#10
Methyl Iodide
Concen: 3.77 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Tgt Ion:142 Resp: 1566
Ion Ratio Lower Upper
142 100
127 27.9 34.7 52.1#
141 5.7 11.0 16.4#



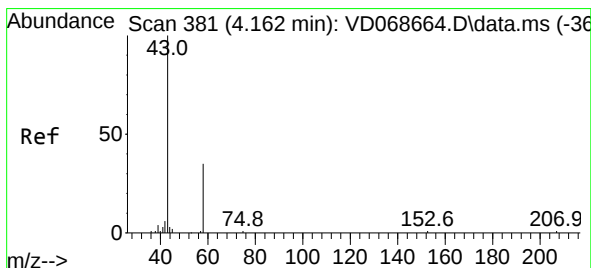
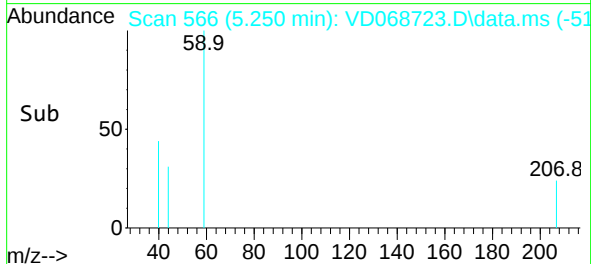
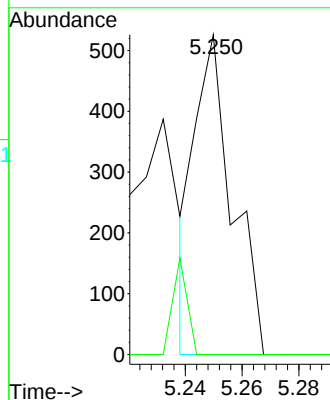
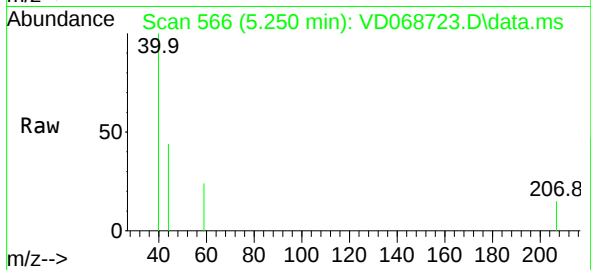


#11

Tert butyl alcohol
Concen: 2.06 ug/l
RT: 5.250 min Scan# 566
Delta R.T. 0.018 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Instrument :
MSVOA_D
ClientSampled :

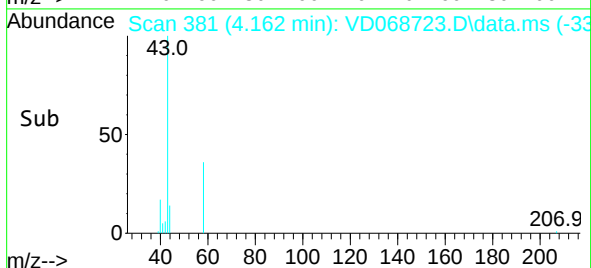
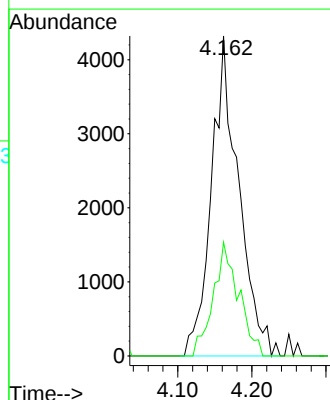
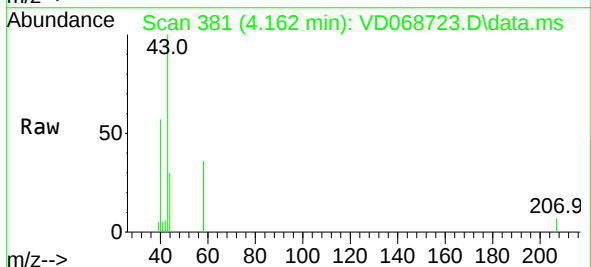
Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8

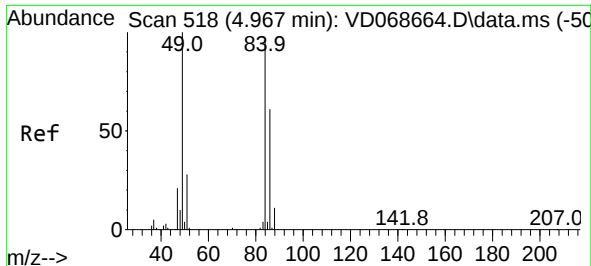


#16

Acetone
Concen: 17.92 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

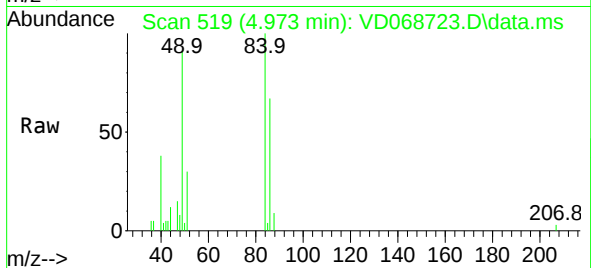
Tgt Ion: 43 Resp: 11018
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0



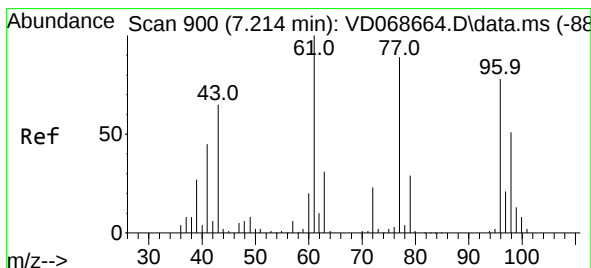
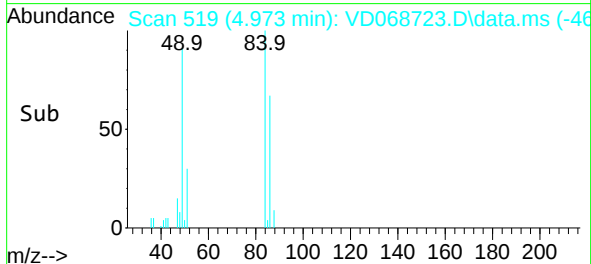
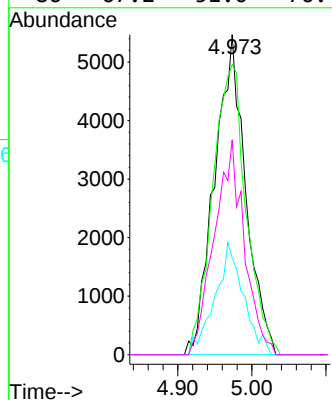


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Instrument :
MSVOA_D
ClientSampled :

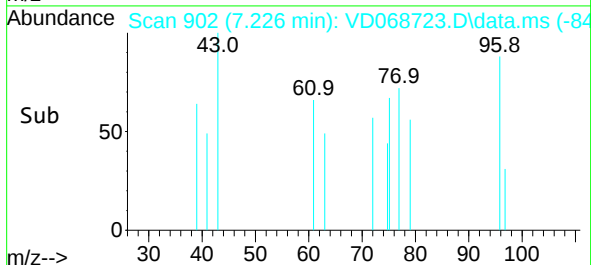
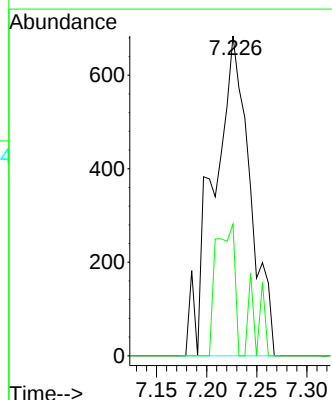
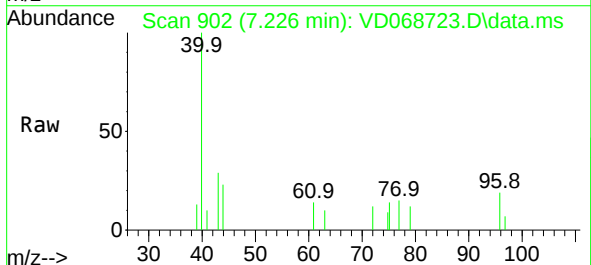


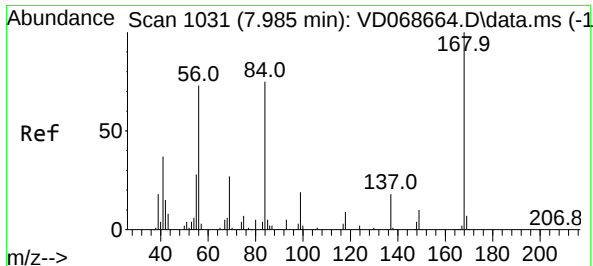
Tgt Ion:	84	Resp:	15906
Ion	Ratio	Lower	Upper
84	100		
49	90.7	83.4	125.0
51	30.2	23.4	35.2
86	67.2	51.0	76.4



#25
2-Butanone
Concen: 1.70 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

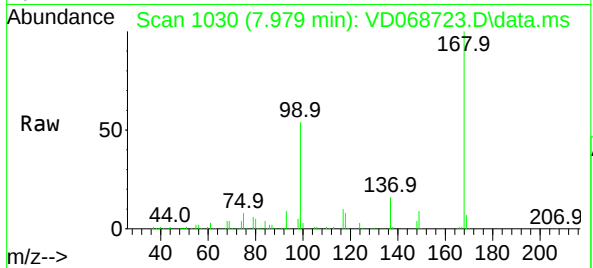
Tgt Ion:	43	Resp:	1727
Ion	Ratio	Lower	Upper
43	100		
72	41.2	28.6	43.0



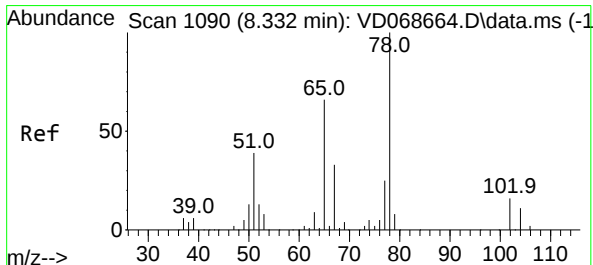
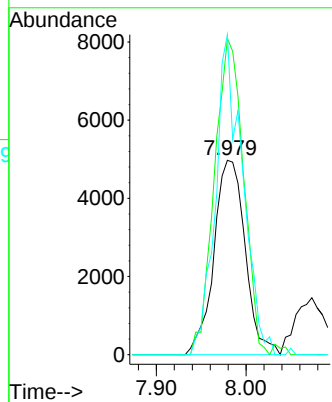
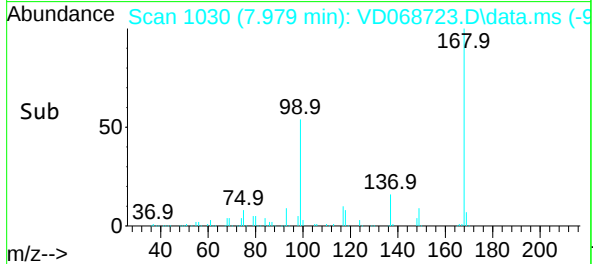


#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

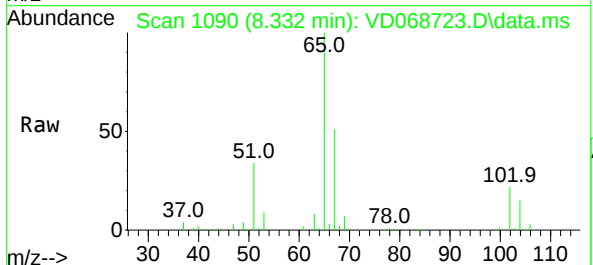
Instrument :
MSVOA_D
ClientSampleId :



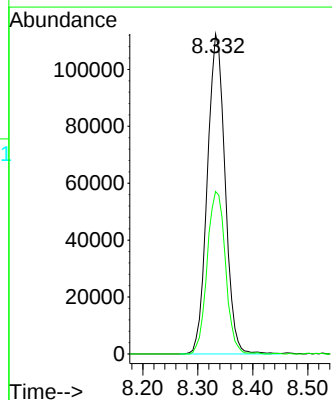
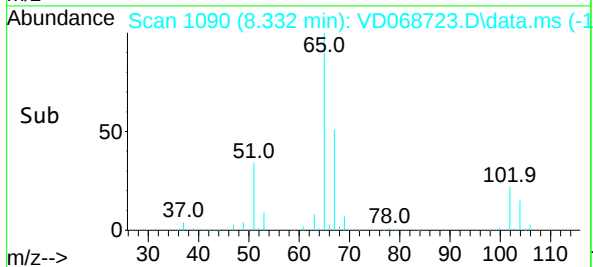
Tgt Ion:	56	Resp:	12030
Ion Ratio	100	Lower	Upper
56	100		
69	162.6	30.0	45.0#
84	164.6	82.0	123.0#

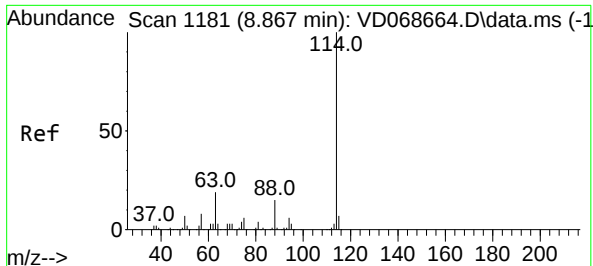


#33
1,2-Dichloroethane-d4
Concen: 49.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41



Tgt Ion:	65	Resp:	252015
Ion Ratio	100	Lower	Upper
65	100		
67	52.5	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

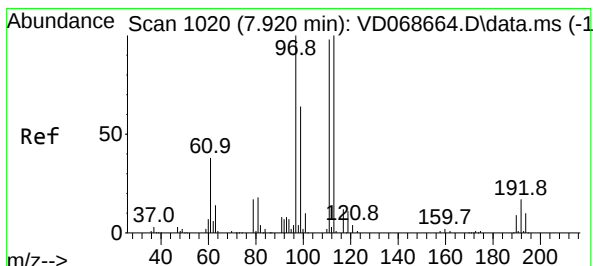
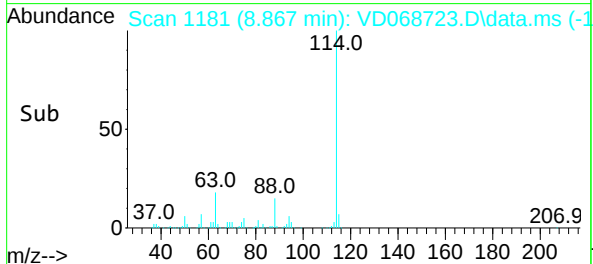
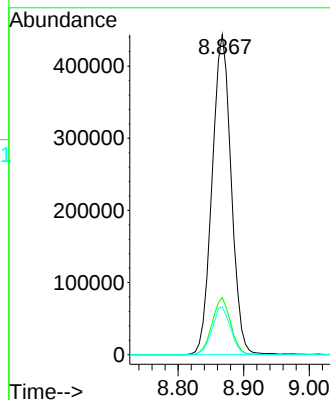
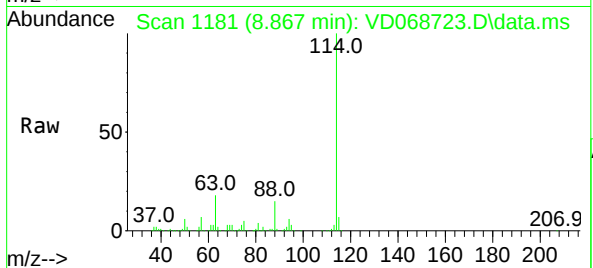
RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068723.D

Acq: 30 Mar 2021 12:41

Tgt Ion:	114	Resp:	894295
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	38.2
88	14.9	0.0	29.4



#35

Dibromofluoromethane

Concen: 49.66 ug/l

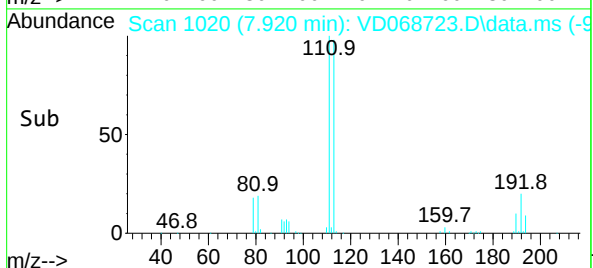
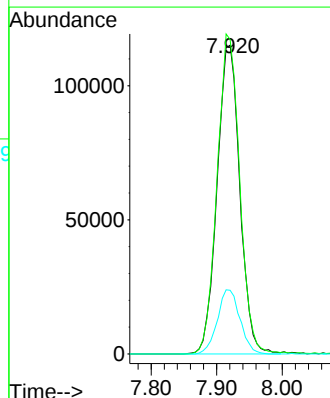
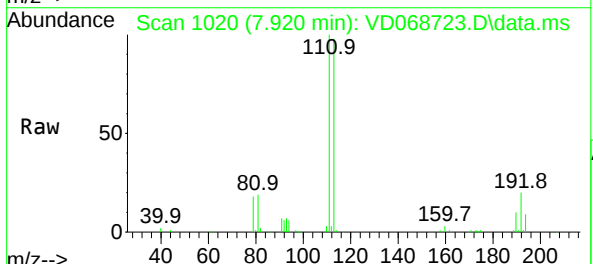
RT: 7.920 min Scan# 1020

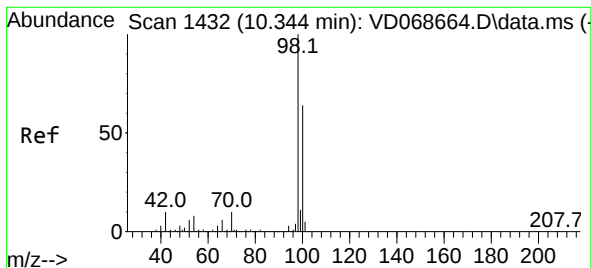
Delta R.T. 0.000 min

Lab File: VD068723.D

Acq: 30 Mar 2021 12:41

Tgt Ion:	113	Resp:	276302
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.5	123.7
192	20.7	15.1	22.7

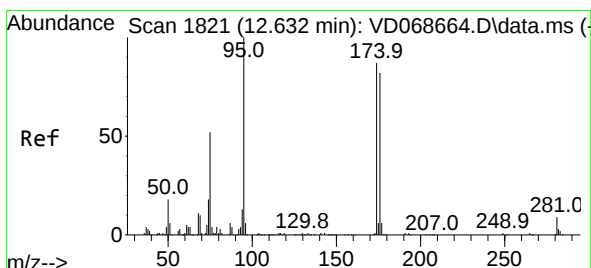
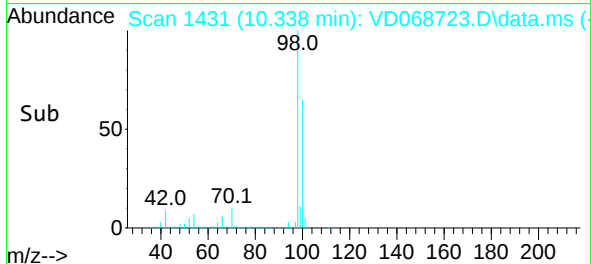
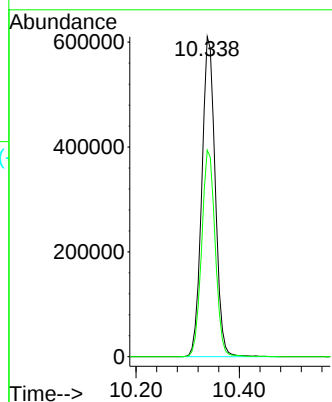
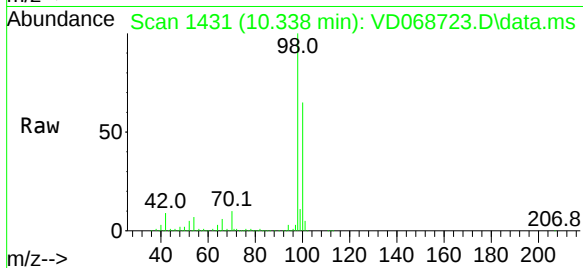




#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

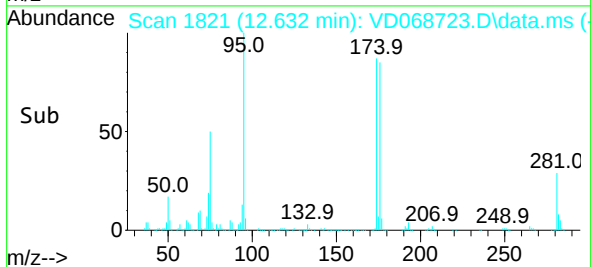
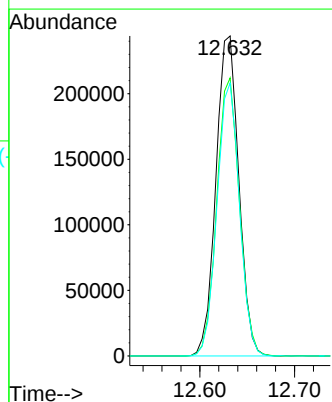
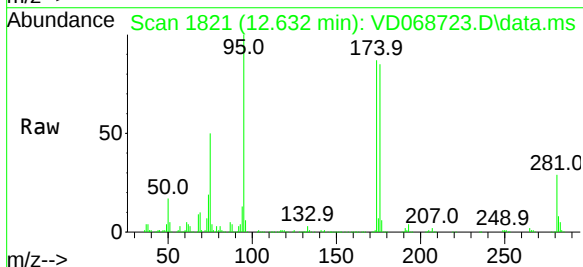
Instrument :
MSVOA_D
ClientSampled :

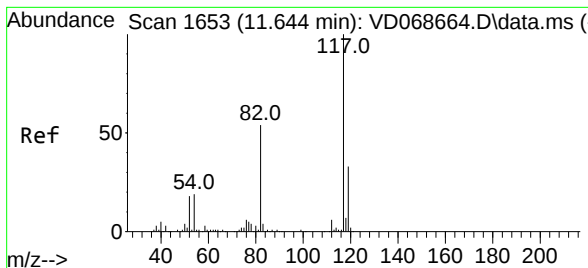
Tgt Ion: 98 Resp: 1097781
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Tgt Ion: 95 Resp: 410507
Ion Ratio Lower Upper
95 100
174 85.7 0.0 168.0
176 83.4 0.0 160.2

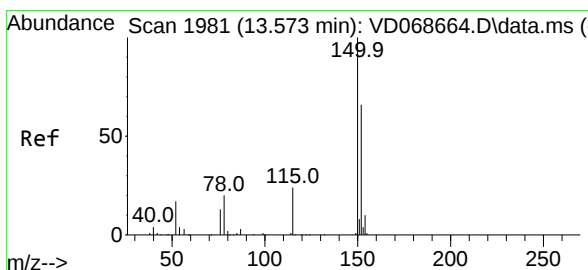
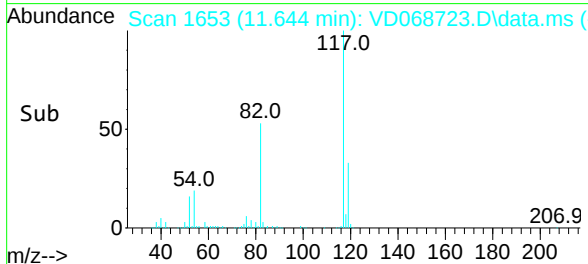
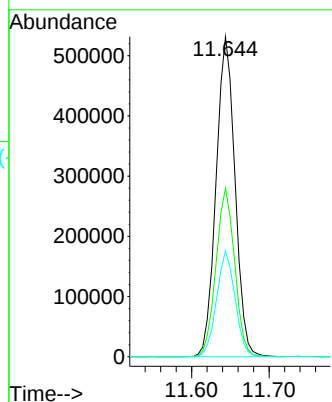
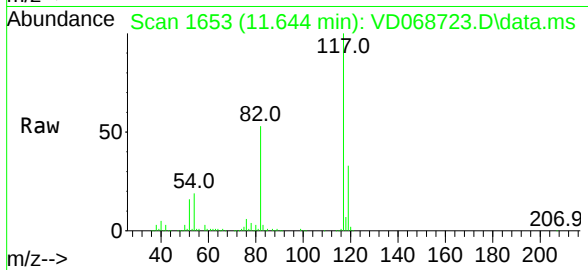




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

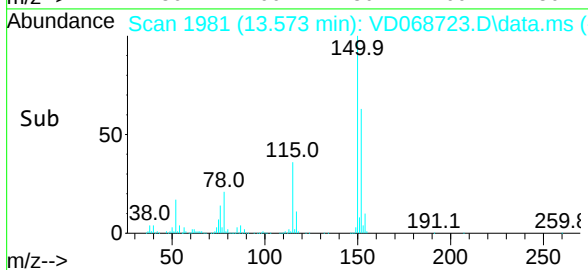
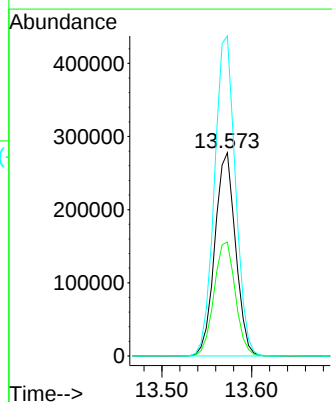
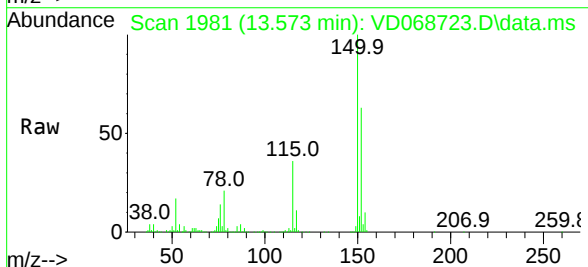
Instrument :
MSVOA_D
ClientSampled :

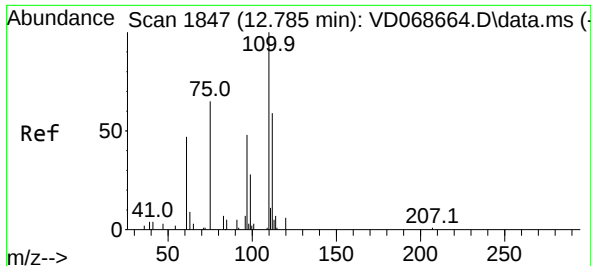
Tgt Ion:117 Resp: 905579
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 33.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Tgt Ion:152 Resp: 445732
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 159.1 0.0 347.6

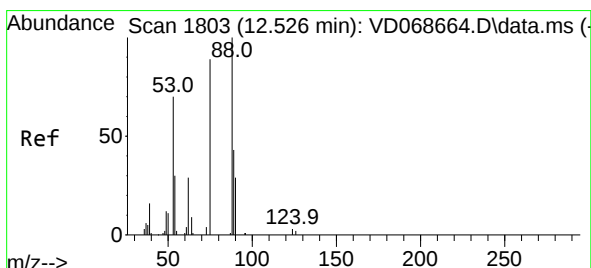
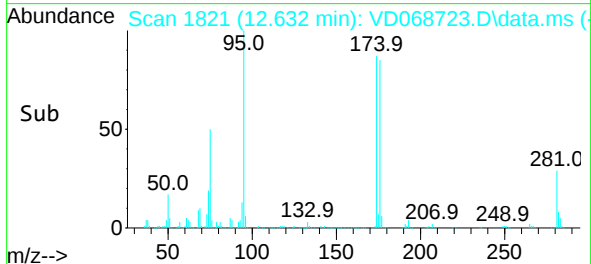
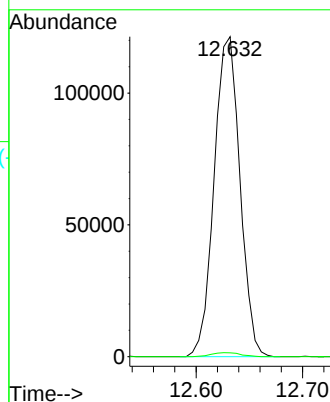
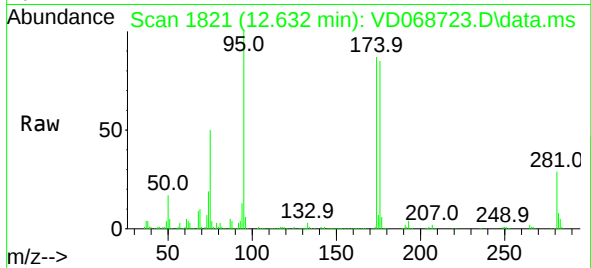




#76
1,2,3-Trichloropropane
Concen: 55.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 204166
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068723.D
Acq: 30 Mar 2021 12:41

Tgt Ion: 75 Resp: 204166
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 36.6 54.8#

