

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068926.D
 Acq On : 21 Apr 2021 14:53
 Operator : VA/SY
 Sample : M2106-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:20:46 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

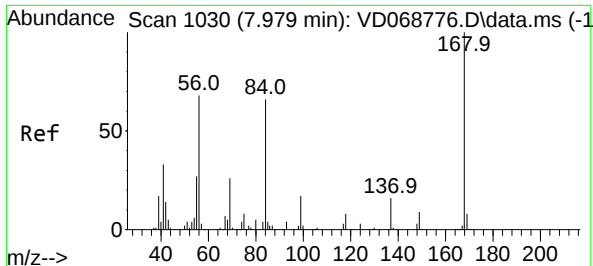
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	320842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	563560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	634947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	314739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	144556	42.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.26%
35) Dibromofluoromethane	7.914	113	172418	47.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.08%
50) Toluene-d8	10.338	98	714398	51.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.32%
62) 4-Bromofluorobenzene	12.632	95	275437	59.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.94%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	210	2.30	ug/l #	41
11) Tert butyl alcohol	5.226	59	266	Below Cal	#	73
16) Acetone	4.156	43	17552	37.38	ug/l	94
20) Methylene Chloride	4.973	84	44283	7.56	ug/l	87
25) 2-Butanone	7.202	43	1221	1.84	ug/l #	72
31) Cyclohexane	7.985	56	7862	1.39	ug/l #	45
38) Carbon Tetrachloride	7.979	117	31097	5.51	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	133730	46.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	133730	107.94	ug/l #	16

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

Quant Time: Apr 22 10:20:46 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

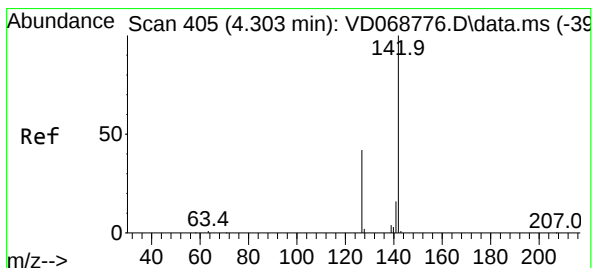
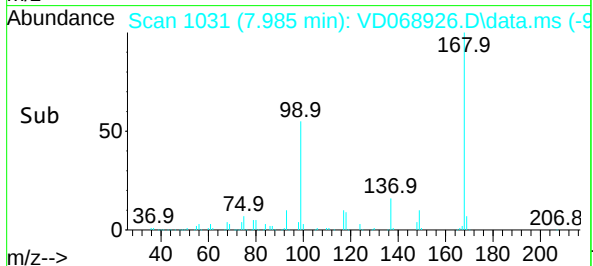
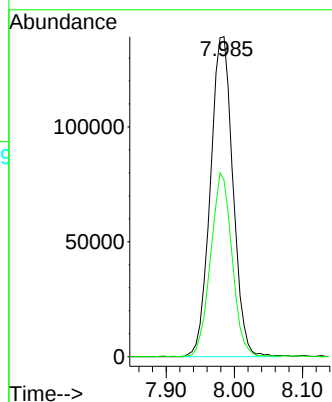
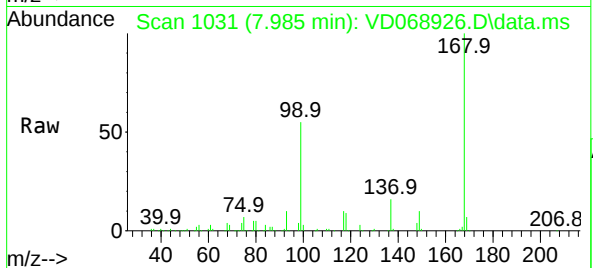




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

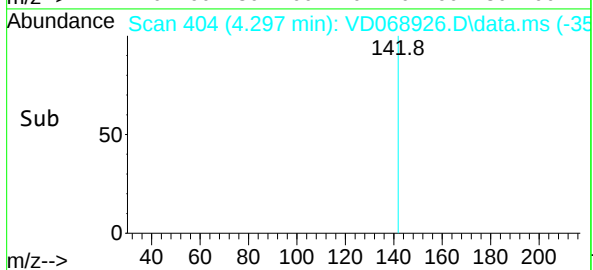
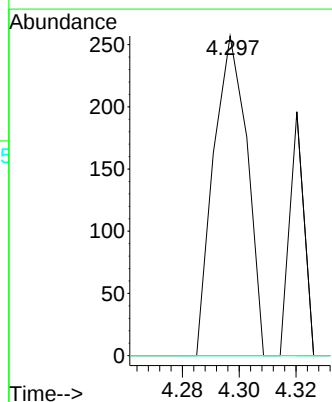
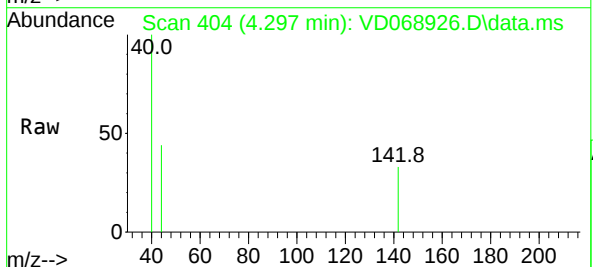
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 320842
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

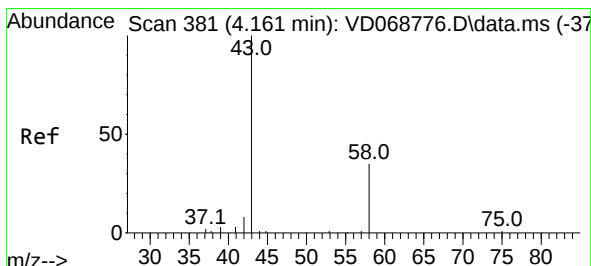
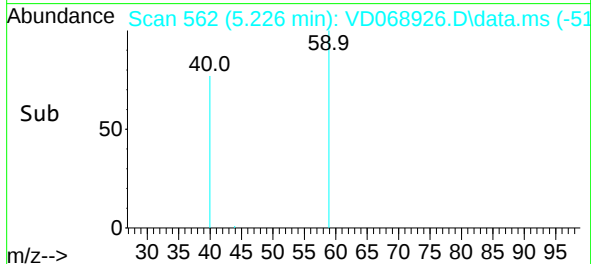
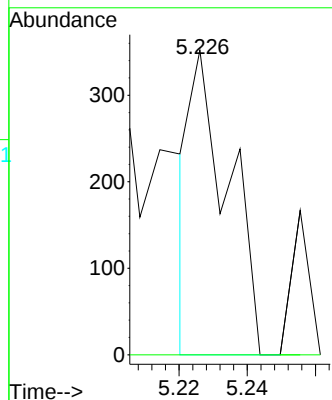
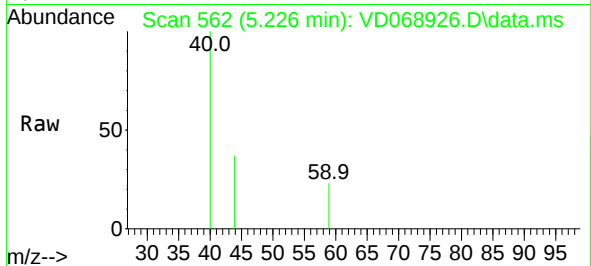




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

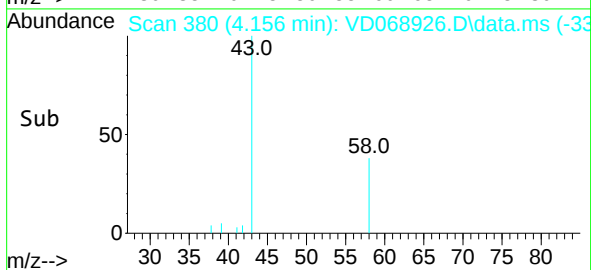
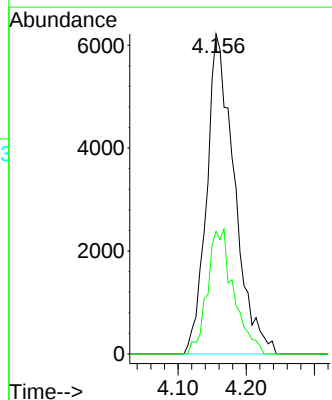
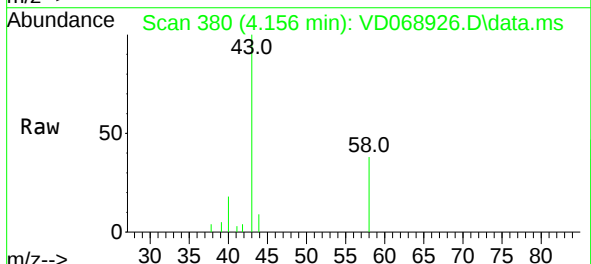
Instrument :
MSVOA_D
ClientSampled :

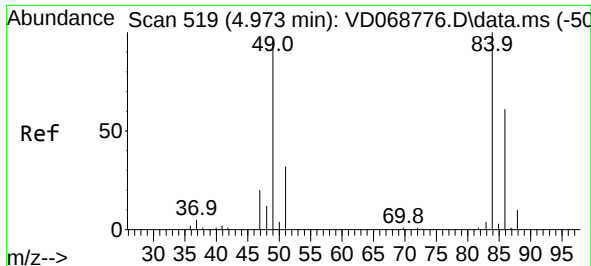
Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 37.38 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

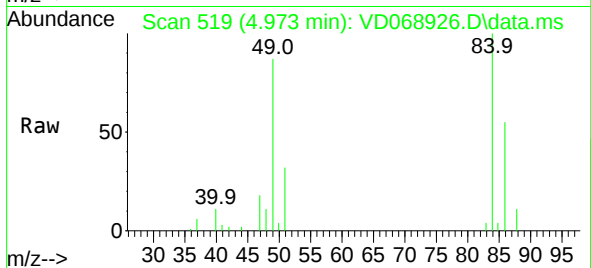
Tgt Ion: 43 Resp: 17552
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0



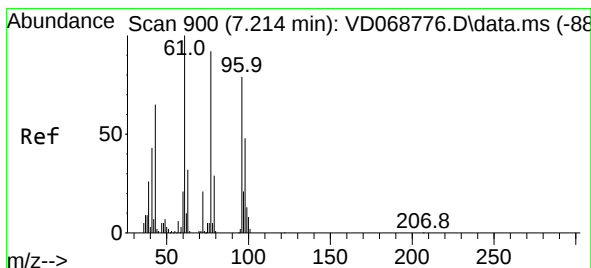
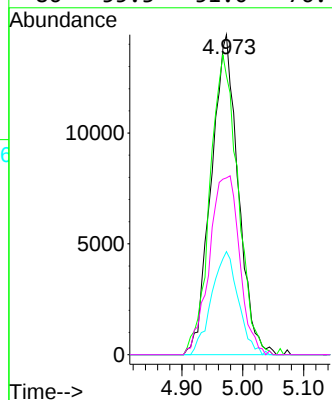


#20
Methylene Chloride
Concen: 7.56 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

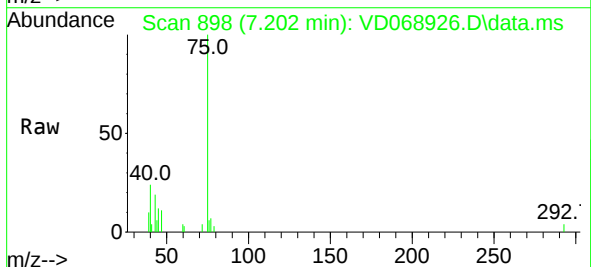
Instrument :
MSVOA_D
ClientSampleId :



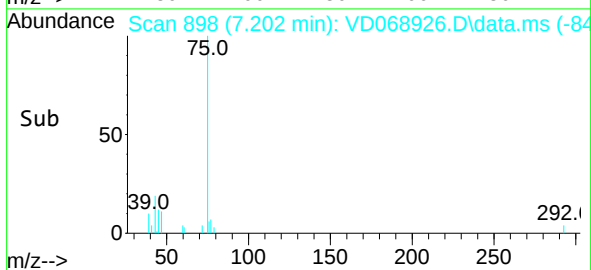
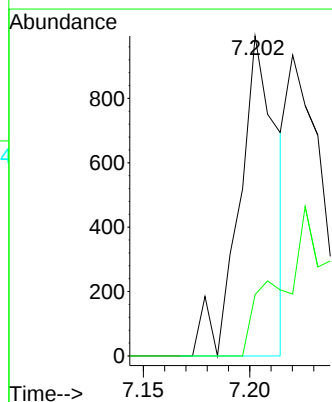
Tgt Ion:	84	Resp:	44283
Ion	Ratio	Lower	Upper
84	100		
49	87.1	83.4	125.0
51	32.2	23.4	35.2
86	55.3	51.0	76.4

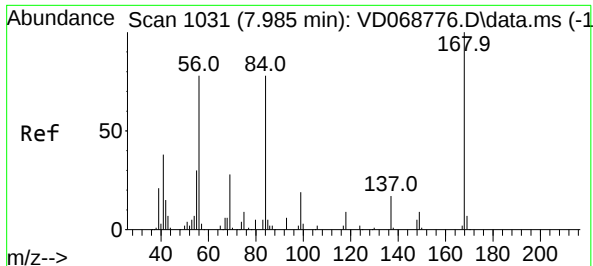


#25
2-Butanone
Concen: 1.84 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53



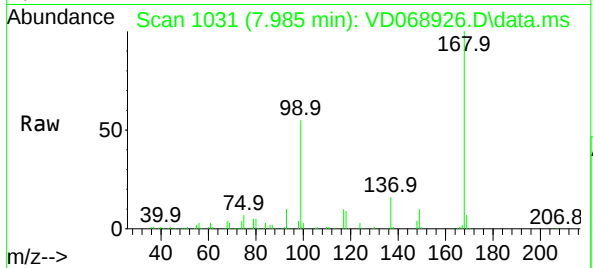
Tgt Ion:	43	Resp:	1221
Ion	Ratio	Lower	Upper
43	100		
72	19.1	28.6	43.0#



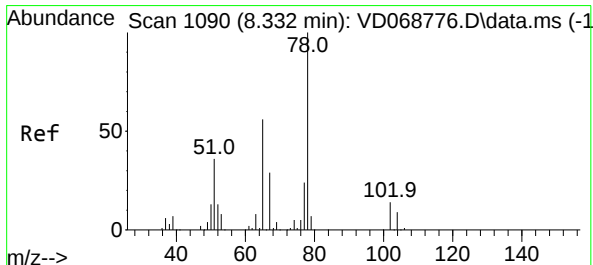
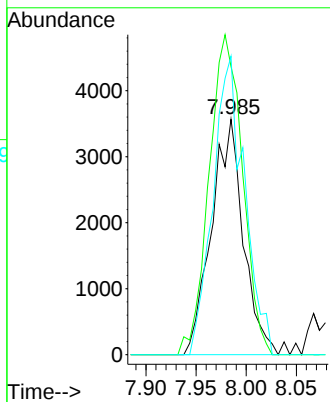
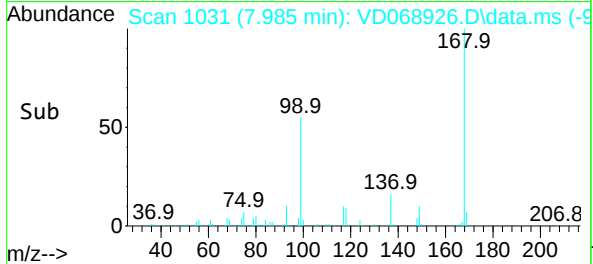


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

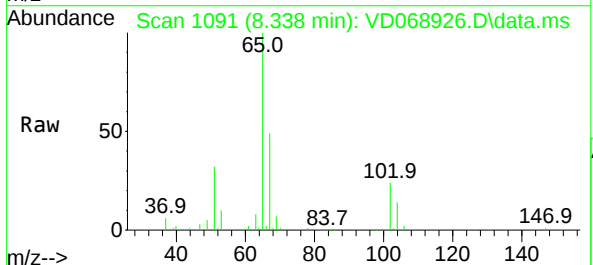
Instrument :
MSVOA_D
ClientSampleId :



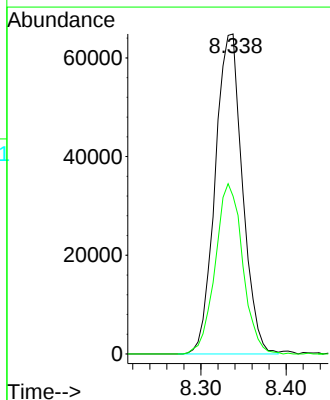
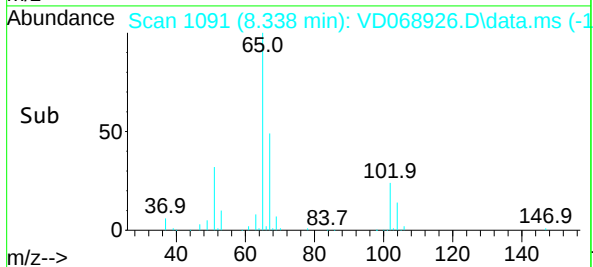
Tgt Ion: 56 Resp: 7862
Ion Ratio Lower Upper
56 100
69 122.4 30.0 45.0#
84 126.7 82.0 123.0#

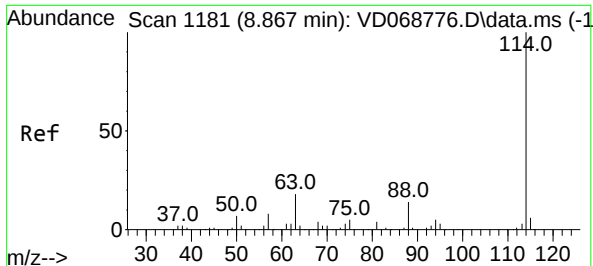


#33
1,2-Dichloroethane-d4
Concen: 42.63 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53



Tgt Ion: 65 Resp: 144556
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0

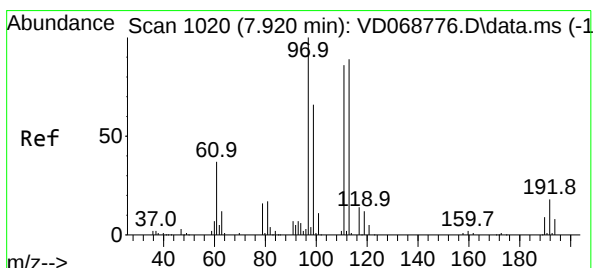
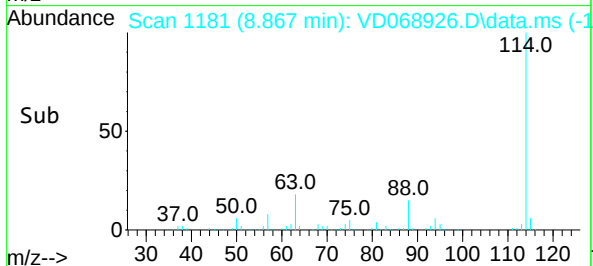
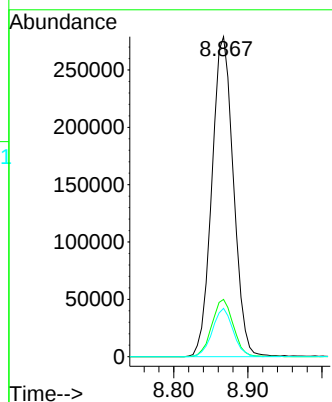
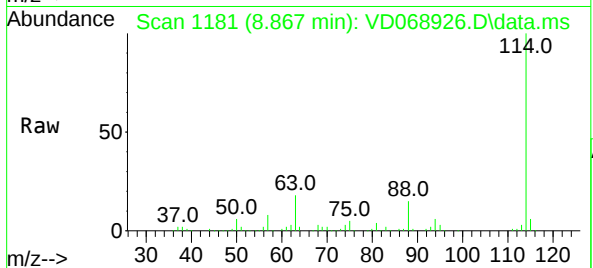




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

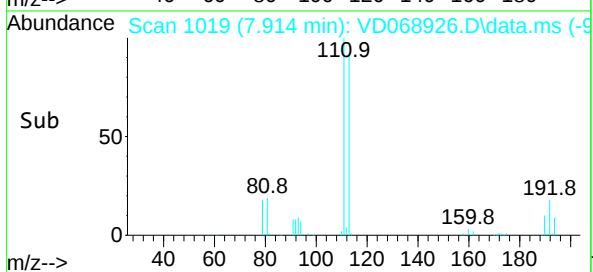
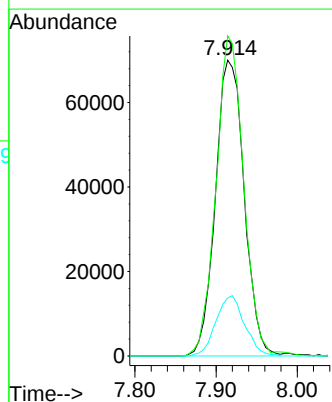
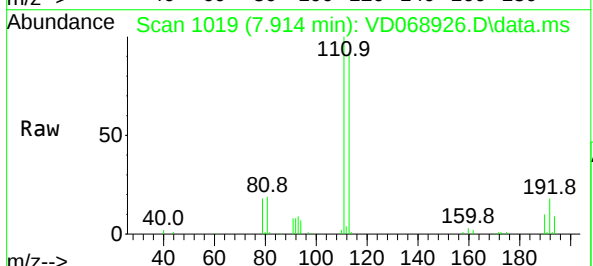
Instrument :
MSVOA_D
ClientSampleId :

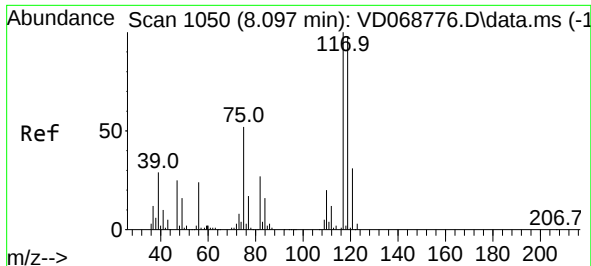
Tgt Ion:114 Resp: 563560
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 15.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.04 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

Tgt Ion:113 Resp: 172418
Ion Ratio Lower Upper
113 100
111 104.6 82.5 123.7
192 20.3 15.1 22.7

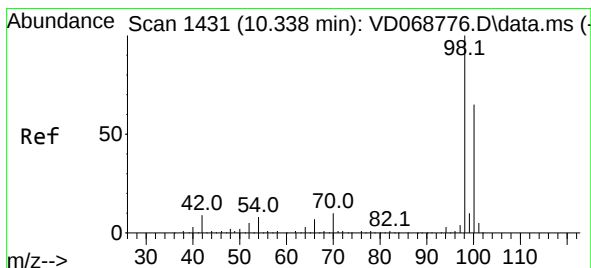
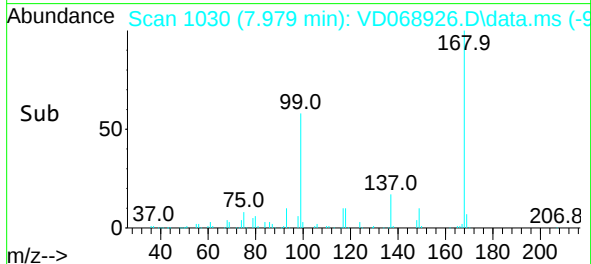
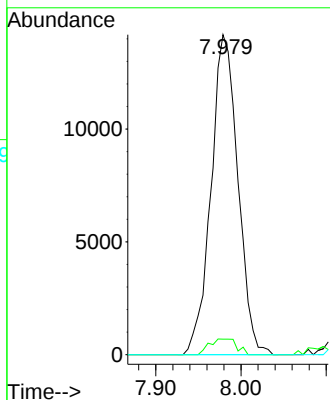
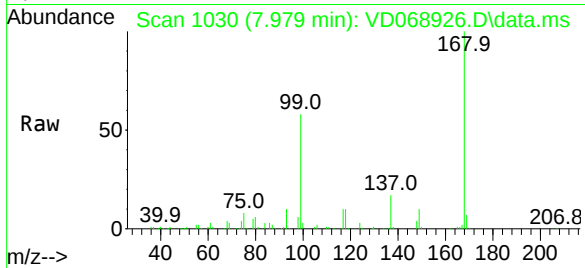




#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

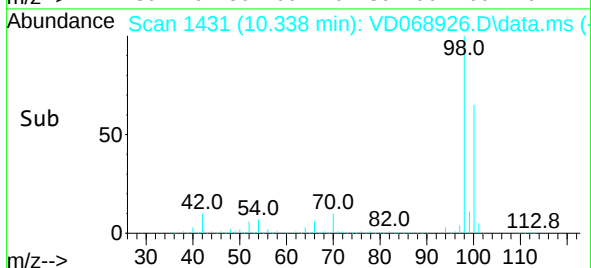
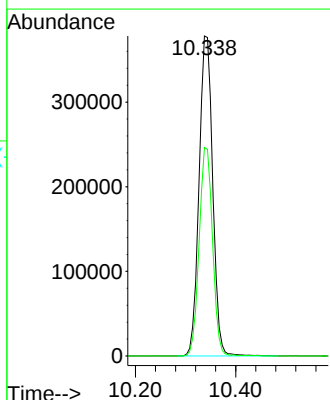
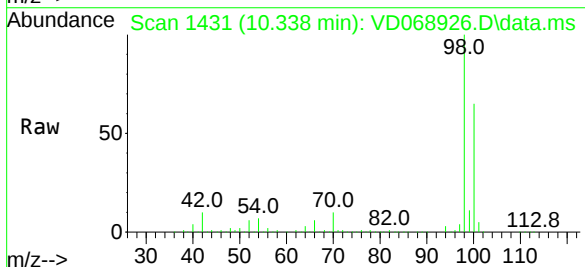
Instrument :
MSVOA_D
ClientSampled :

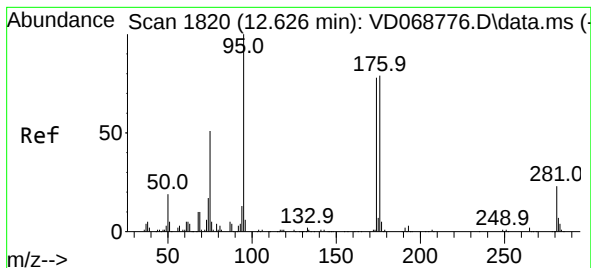
Tgt Ion:117 Resp: 31097
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.66 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

Tgt Ion: 98 Resp: 714398
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

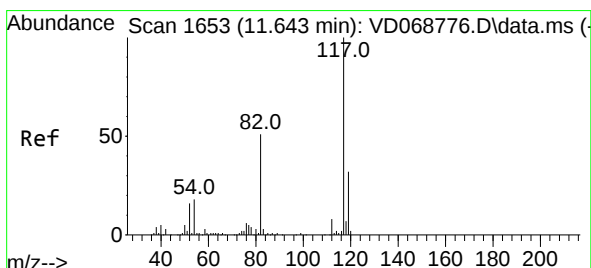
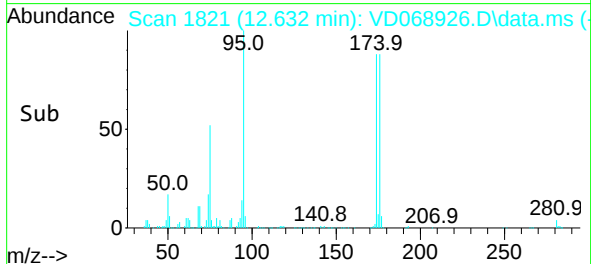
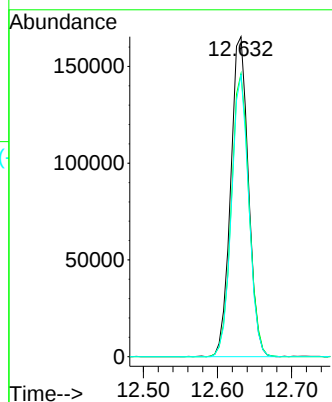
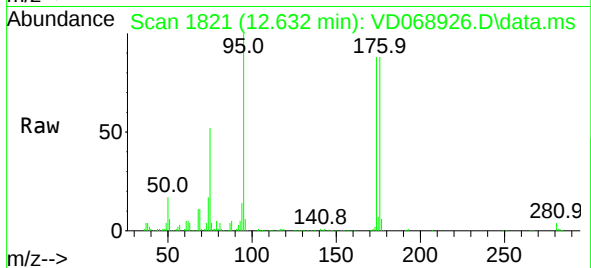




#62
4-Bromofluorobenzene
Concen: 59.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

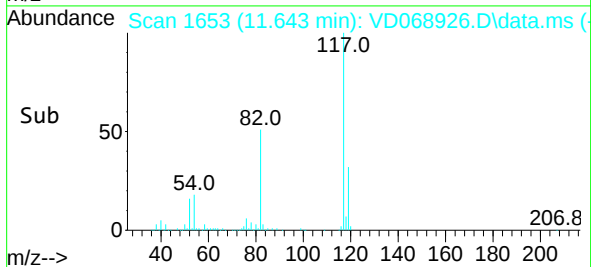
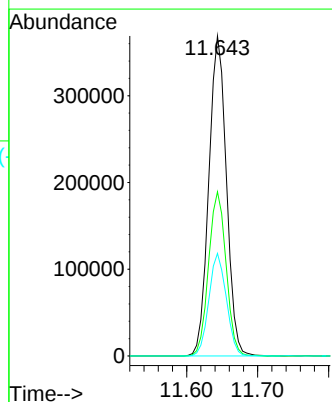
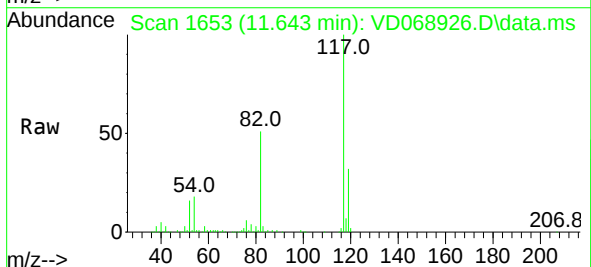
Instrument :
MSVOA_D
ClientSampleId :

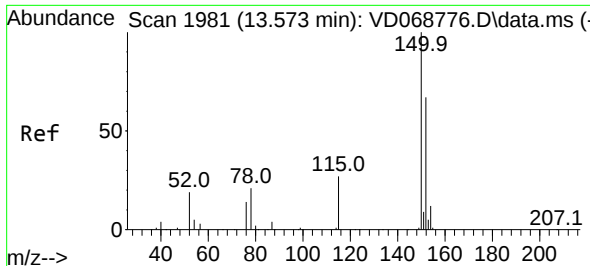
Tgt Ion: 95 Resp: 275437
Ion Ratio Lower Upper
95 100
174 87.8 0.0 168.0
176 85.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

Tgt Ion:117 Resp: 634947
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 32.1 26.7 40.1

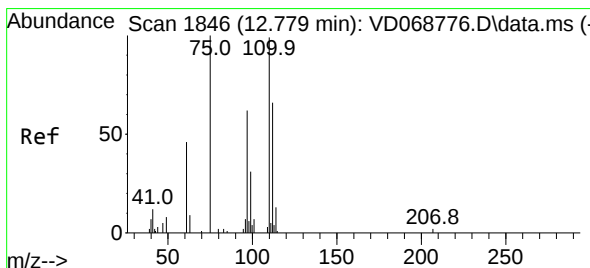
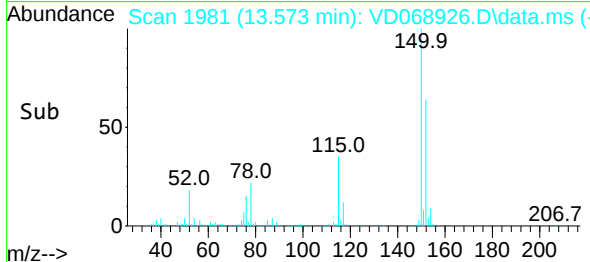
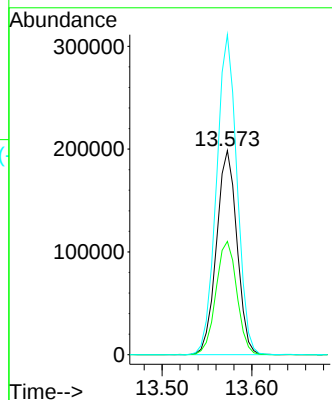
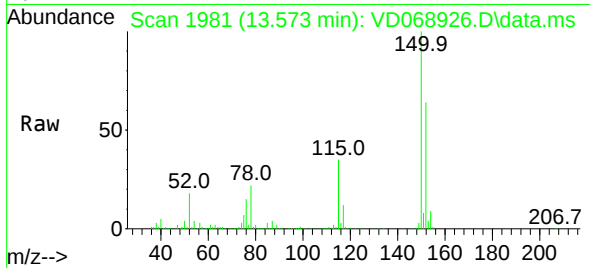




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

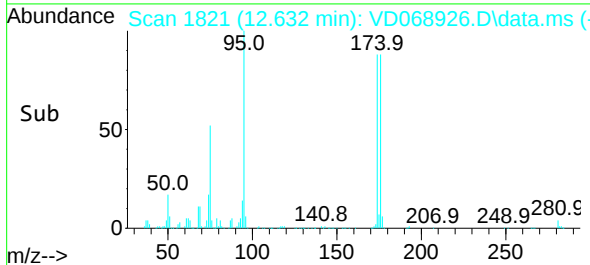
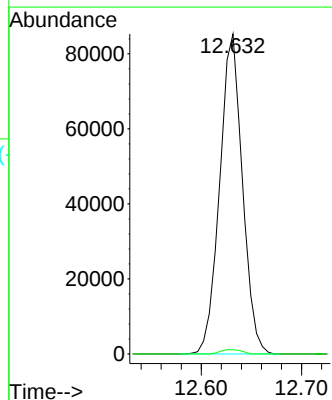
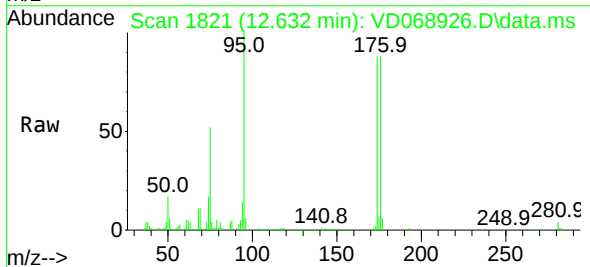
Instrument :
MSVOA_D
ClientSampled :

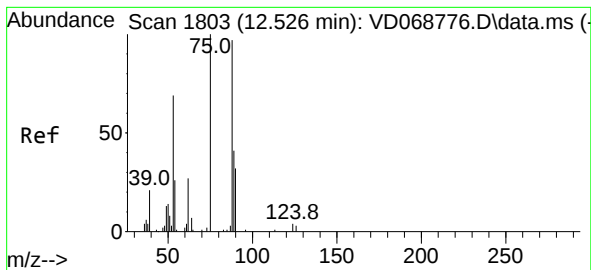
Tgt Ion:152 Resp: 314739
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068926.D
Acq: 21 Apr 2021 14:53

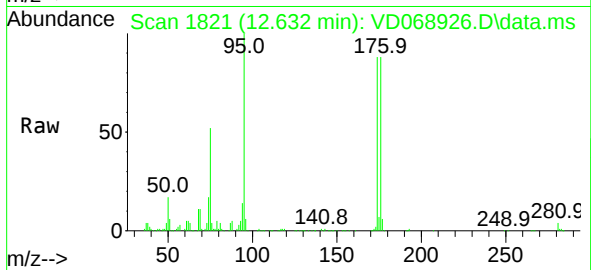
Tgt Ion: 75 Resp: 133730
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.94 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068926.D
 Acq: 21 Apr 2021 14:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 133730
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.8 100.2#
 89 0.3 36.6 54.8#

