

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068495.D
 Acq On : 02 Mar 2021 14:46
 Operator : VA/SY
 Sample : M1544-03
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

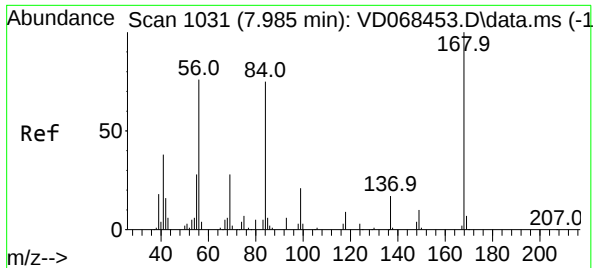
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-040-IDWSO-20210301

Quant Time: Mar 02 23:58:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	272401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	476169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	439636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124442	45.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.44%		
35) Dibromofluoromethane	7.920	113	139768	48.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.46%		
50) Toluene-d8	10.344	98	600255	52.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.08%		
62) 4-Bromofluorobenzene	12.632	95	176843	48.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.06%		
Target Compounds						
						Qvalue
5) Bromomethane	2.773	94	9903	3.51	ug/l	88
10) Methyl Iodide	4.297	142	10731	5.70	ug/l	91
16) Acetone	4.144	43	603	1.39	ug/l #	44
20) Methylene Chloride	4.961	84	7826	Below Cal		87
31) Cyclohexane	7.979	56	5815	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	20114	4.44	ug/l #	43
38) Carbon Tetrachloride	7.979	117	25822	6.07	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	89071	53.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	89071	123.83	ug/l #	13

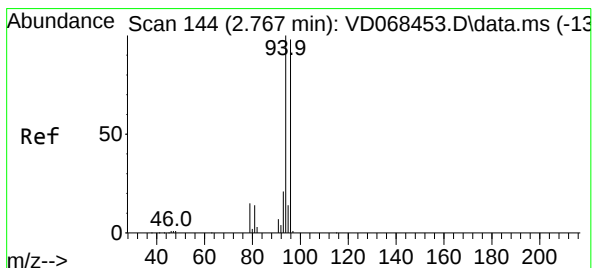
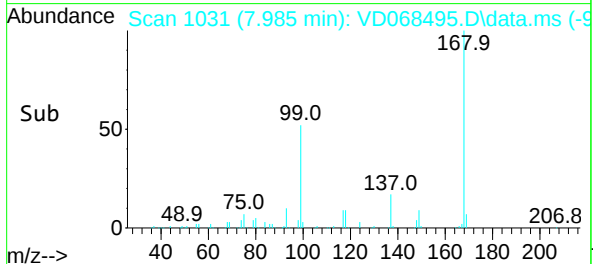
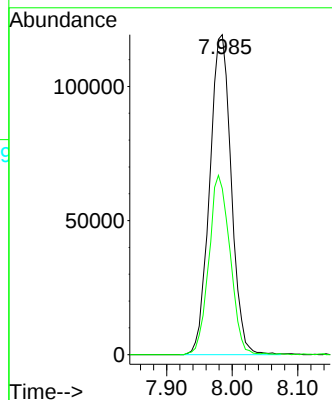
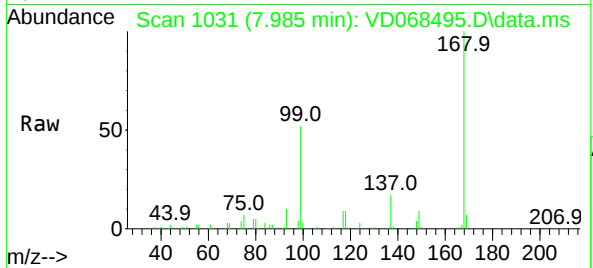
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

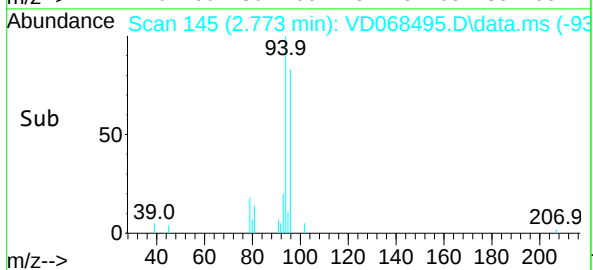
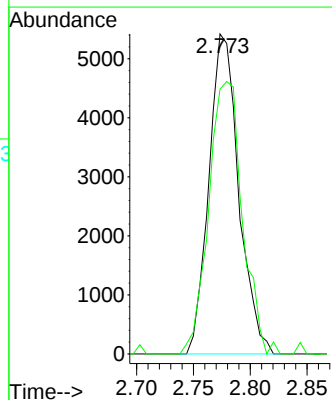
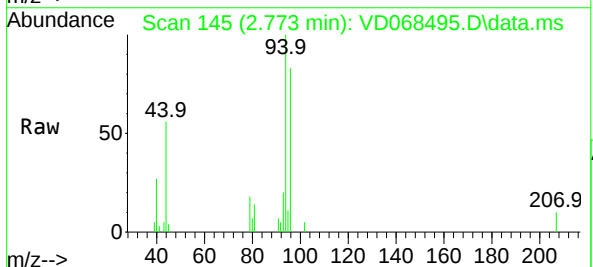
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

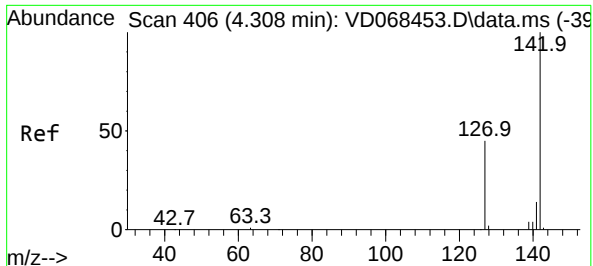
Tgt Ion:168 Resp: 272401
Ion Ratio Lower Upper
168 100
99 51.9 43.5 65.3



#5
Bromomethane
Concen: 3.51 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion: 94 Resp: 9903
Ion Ratio Lower Upper
94 100
96 82.7 75.8 113.8





#10

Methyl Iodide

Concen: 5.70 ug/l

RT: 4.297 min Scan# 404

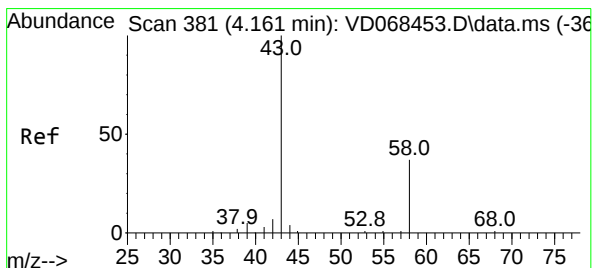
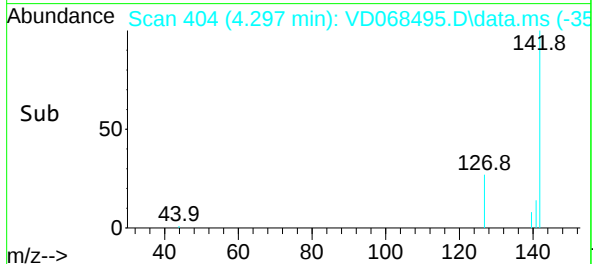
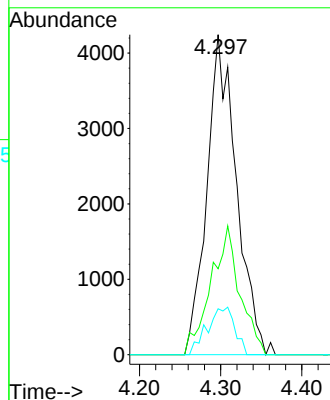
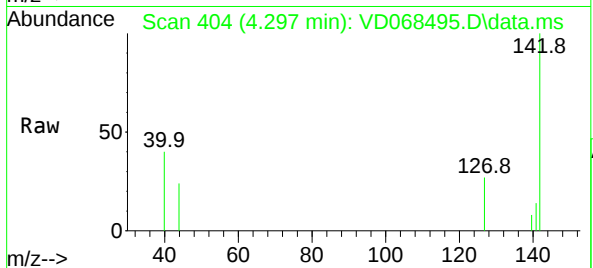
Delta R.T. -0.011 min

Lab File: VD068495.D

Acq: 02 Mar 2021 14:46

Tgt Ion:	142	Resp:	10731
Ion	Ratio	Lower	Upper
142	100		
127	39.7	37.9	56.9
141	13.8	11.5	17.3

Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301



#16

Acetone

Concen: 1.39 ug/l

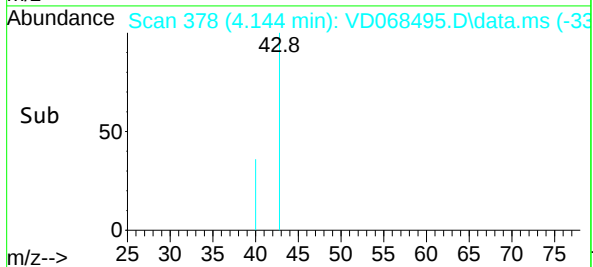
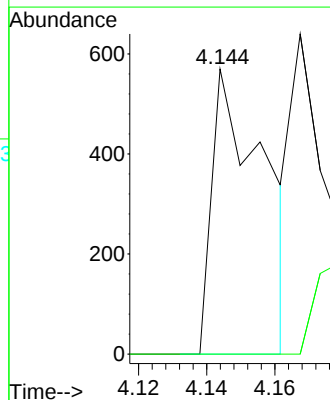
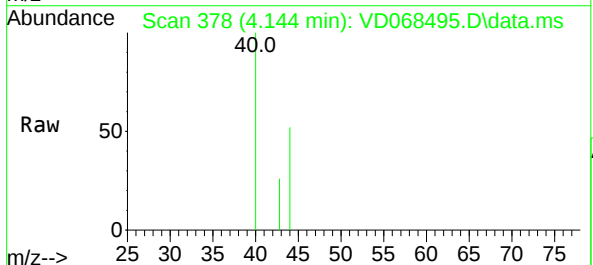
RT: 4.144 min Scan# 378

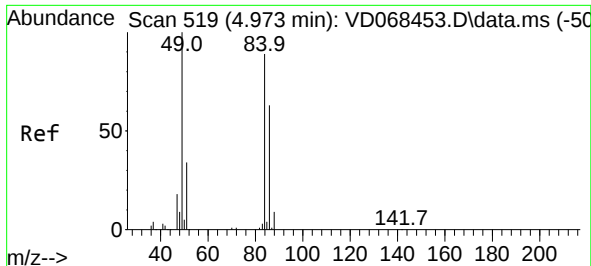
Delta R.T. -0.017 min

Lab File: VD068495.D

Acq: 02 Mar 2021 14:46

Tgt Ion:	43	Resp:	603
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.2	36.4#

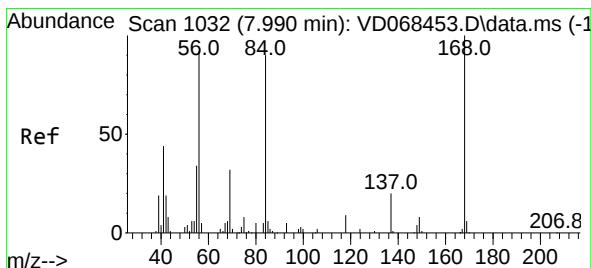
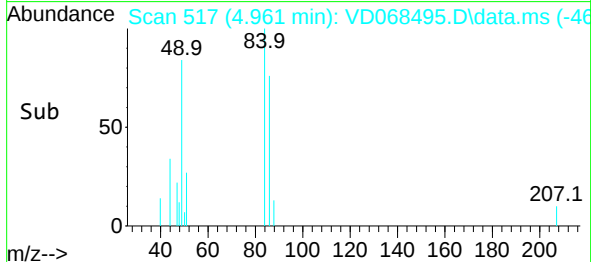
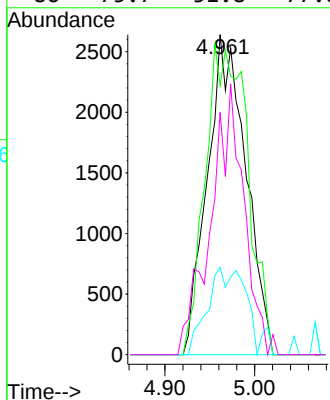
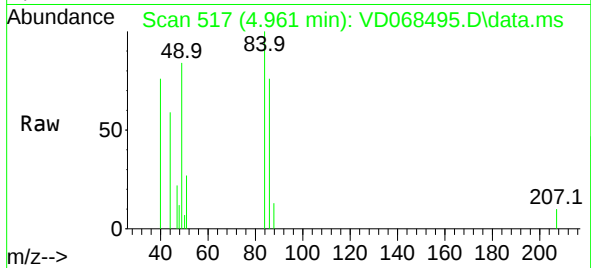




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

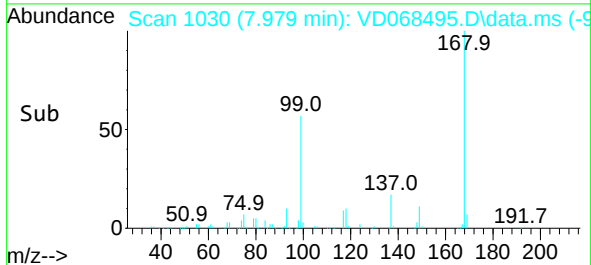
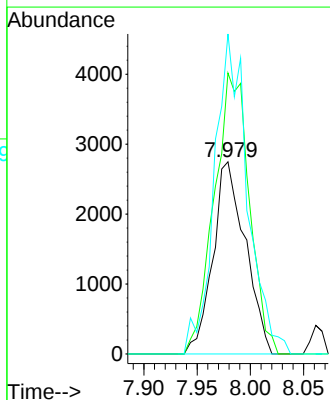
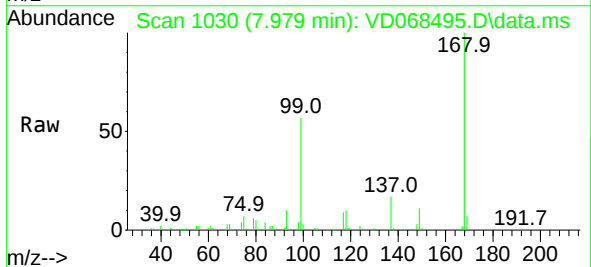
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

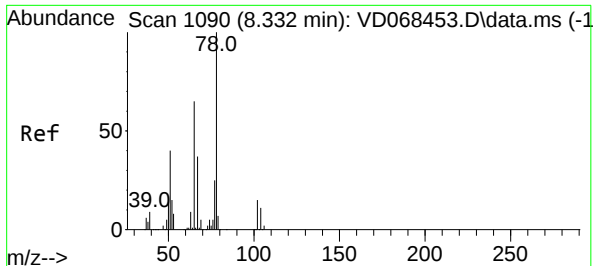
Tgt Ion:	84	Resp:	7826
Ion	Ratio	Lower	Upper
84	100		
49	84.1	77.4	116.2
51	27.3	26.1	39.1
86	75.7	51.8	77.8



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion:	56	Resp:	5815
Ion	Ratio	Lower	Upper
56	100		
69	146.1	30.1	45.1#
84	181.6	82.1	123.1#

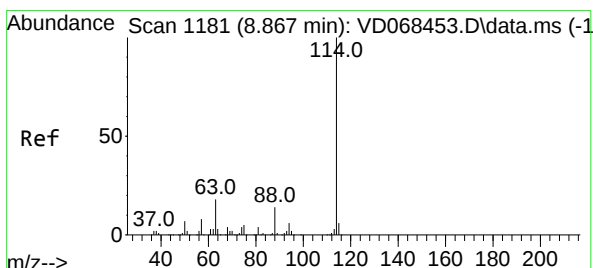
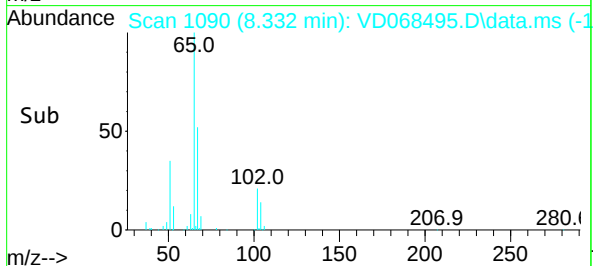
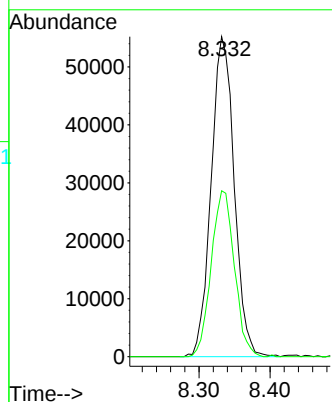
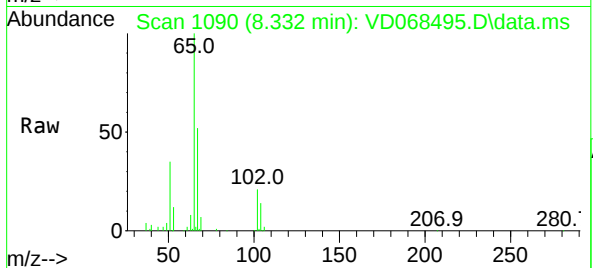




#33
1,2-Dichloroethane-d4
Concen: 45.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

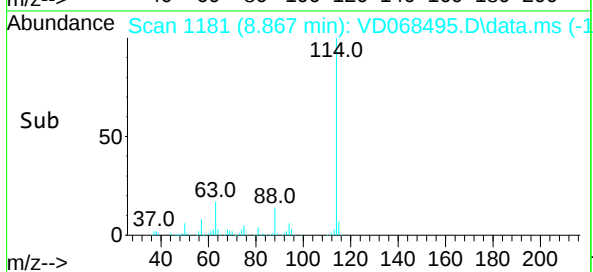
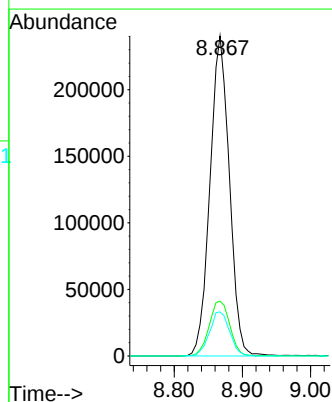
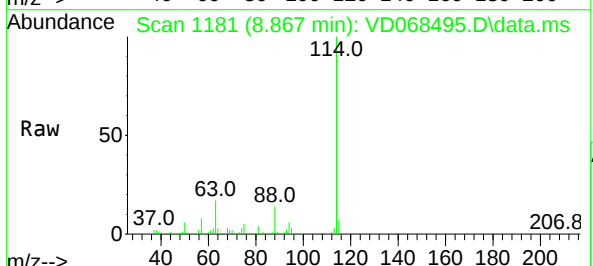
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

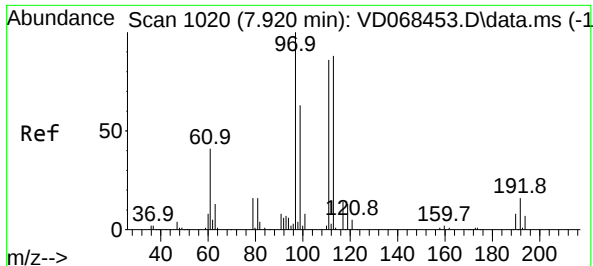
Tgt Ion: 65 Resp: 124442
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion: 114 Resp: 476169
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.8
88 13.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068495.D

Acq: 02 Mar 2021 14:46

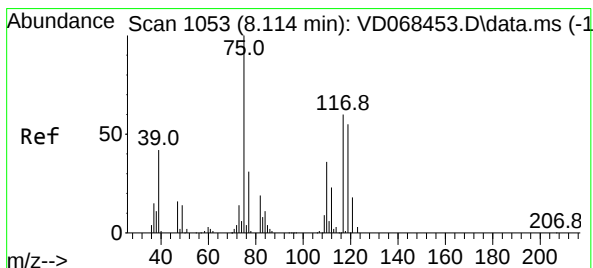
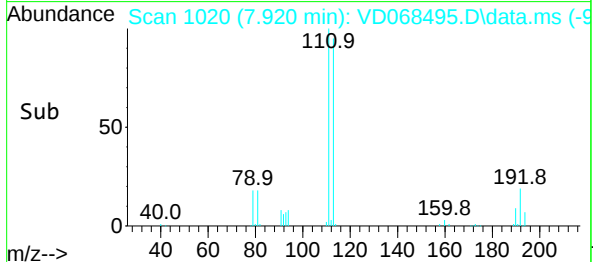
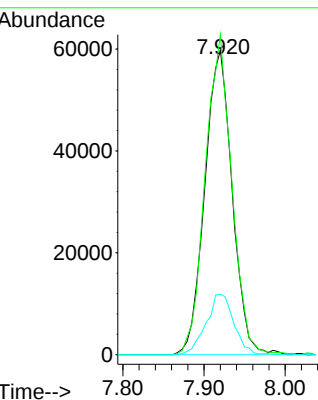
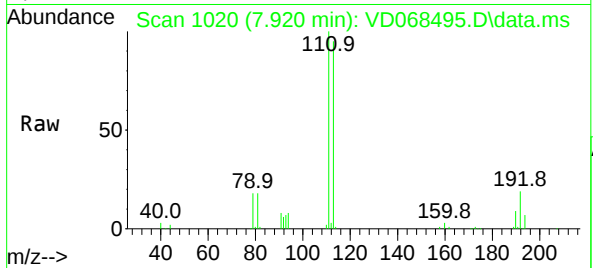
Tgt Ion:113 Resp: 139768

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 20.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068495.D

Acq: 02 Mar 2021 14:46

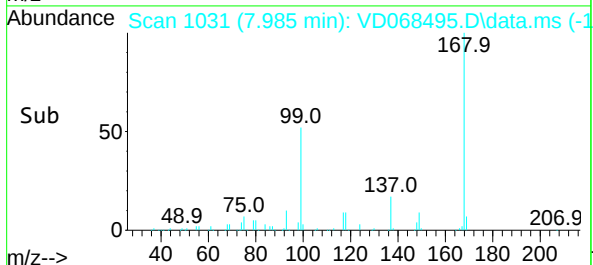
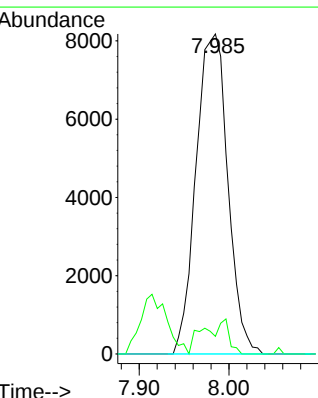
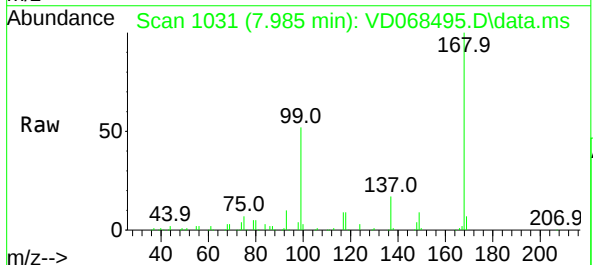
Tgt Ion: 75 Resp: 20114

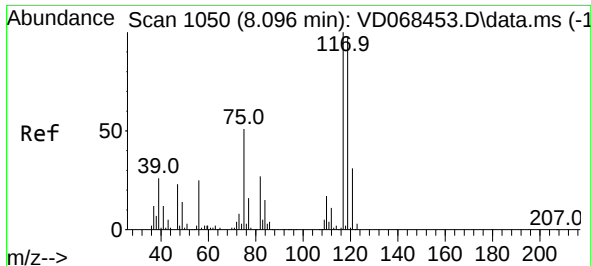
Ion Ratio Lower Upper

75 100

110 3.5 19.4 58.2#

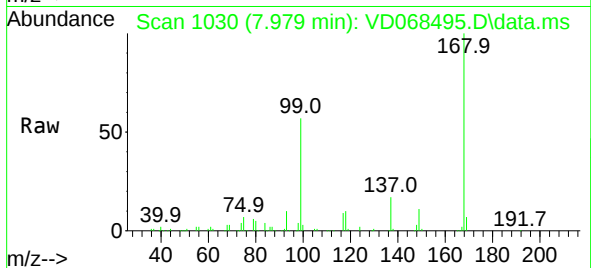
77 0.0 25.3 37.9#



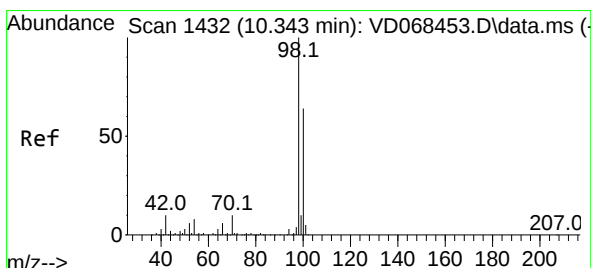
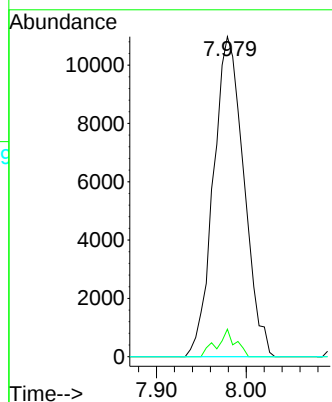
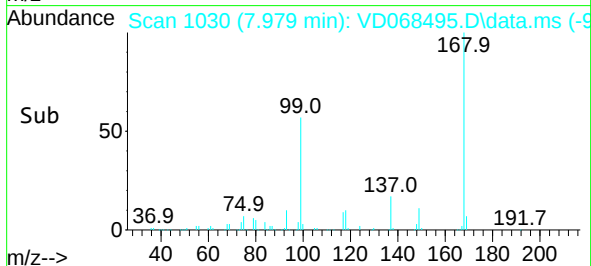


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

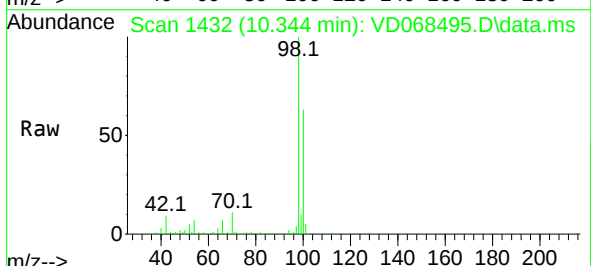
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301



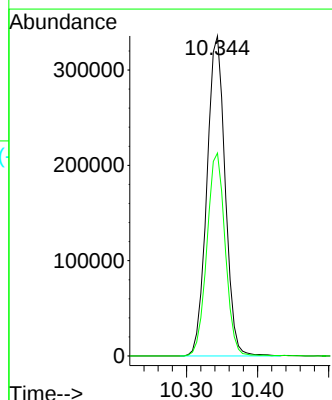
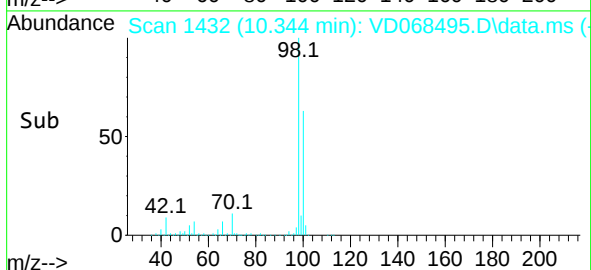
Tgt Ion:117 Resp: 25822
Ion Ratio Lower Upper
117 100
119 8.6 77.3 115.9#
121 0.0 24.7 37.1#

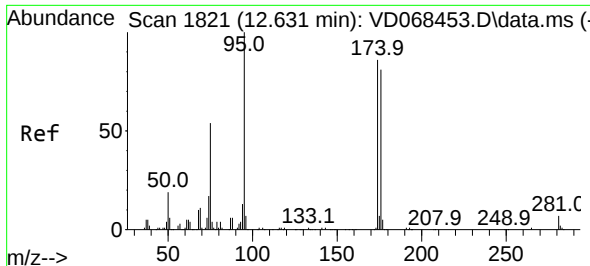


#50
Toluene-d8
Concen: 52.54 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46



Tgt Ion: 98 Resp: 600255
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4

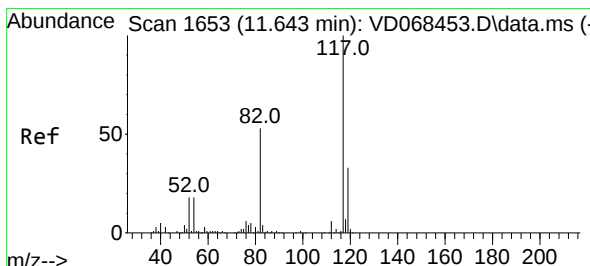
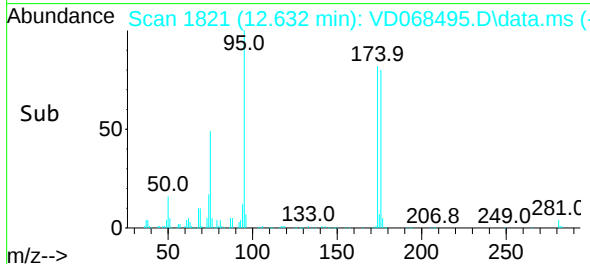
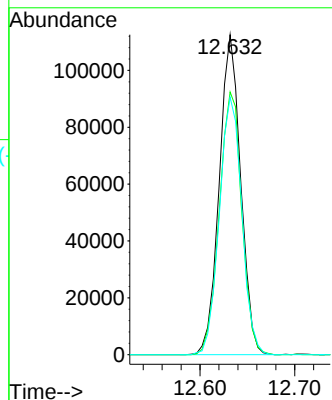
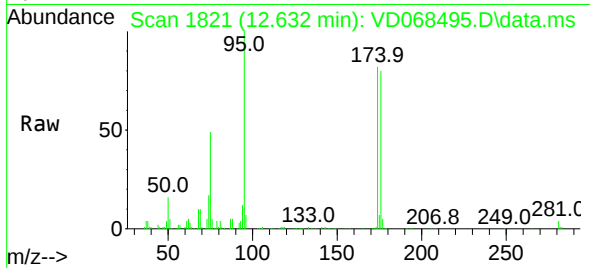




#62
4-Bromofluorobenzene
Concen: 48.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

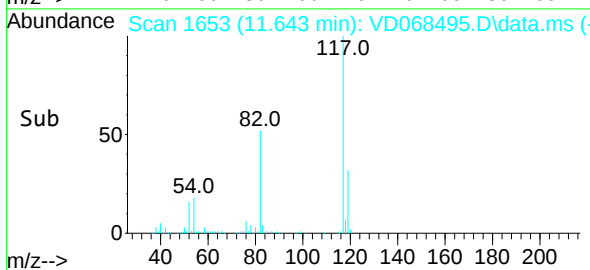
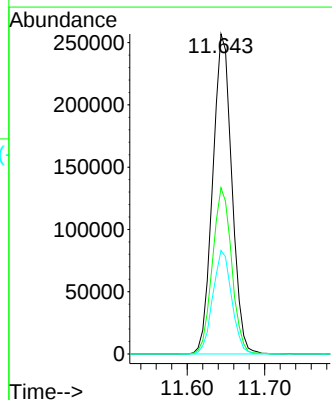
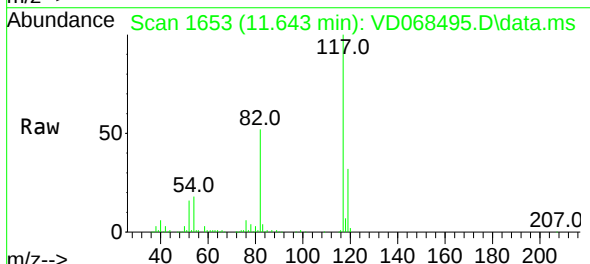
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

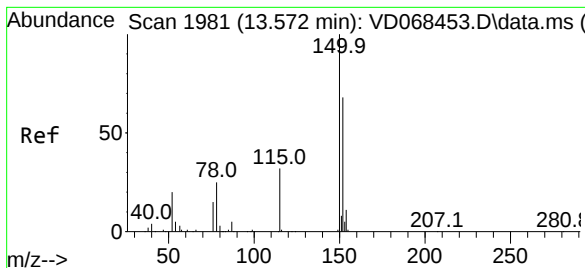
Tgt Ion:	95	Resp:	176843
Ion Ratio	Lower	Upper	
95	100		
174	86.1	0.0	172.4
176	84.2	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion:	117	Resp:	439636
Ion Ratio	Lower	Upper	
117	100		
82	52.0	41.4	62.0
119	32.4	26.1	39.1

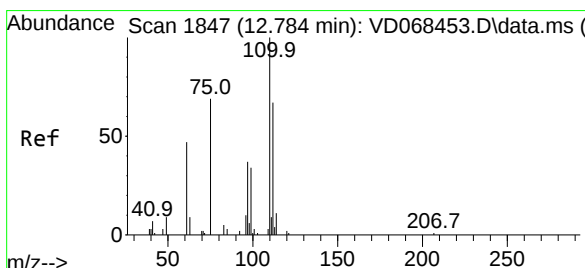
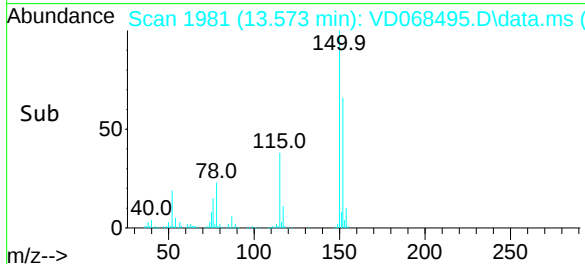
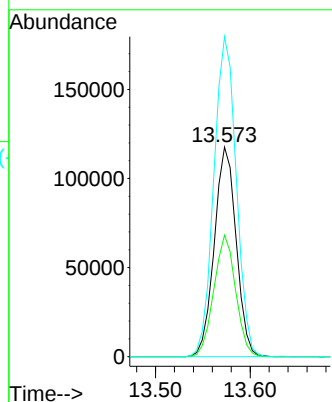
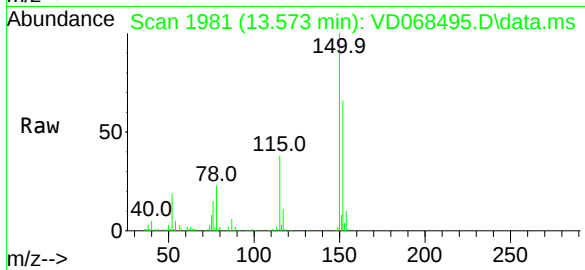




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

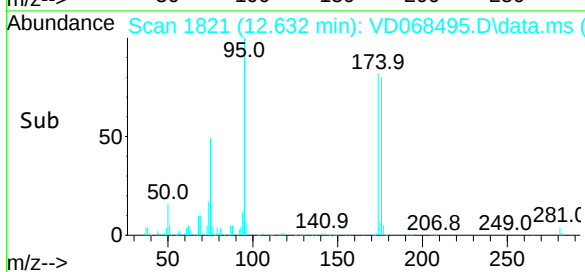
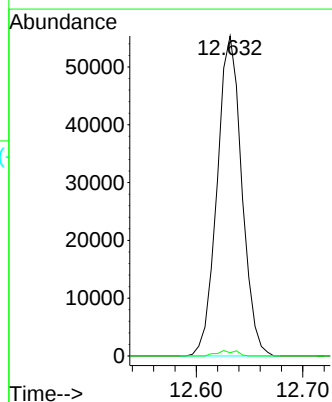
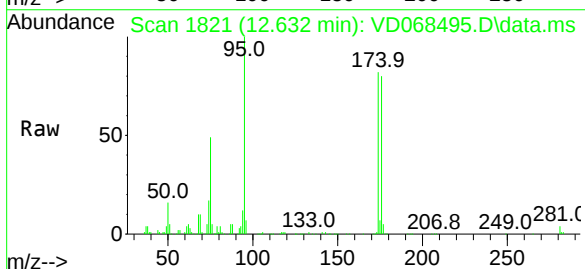
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

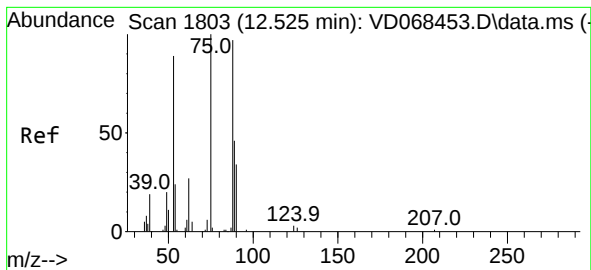
Tgt Ion:152 Resp: 189079
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 156.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

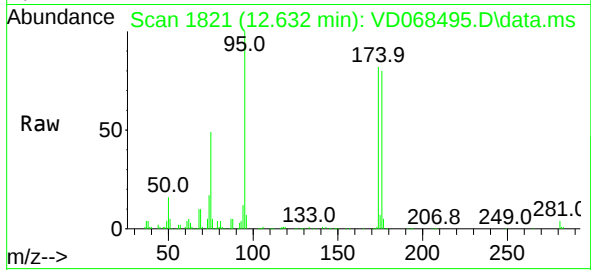
Tgt Ion: 75 Resp: 89071
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.83 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068495.D
 Acq: 02 Mar 2021 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-040-IDWSO-20210301



Tgt Ion: 75 Resp: 89071
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

