

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068883.D
 Acq On : 16 Apr 2021 18:43
 Operator : VA/SY
 Sample : M2046-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Apr 16 23:51:57 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)

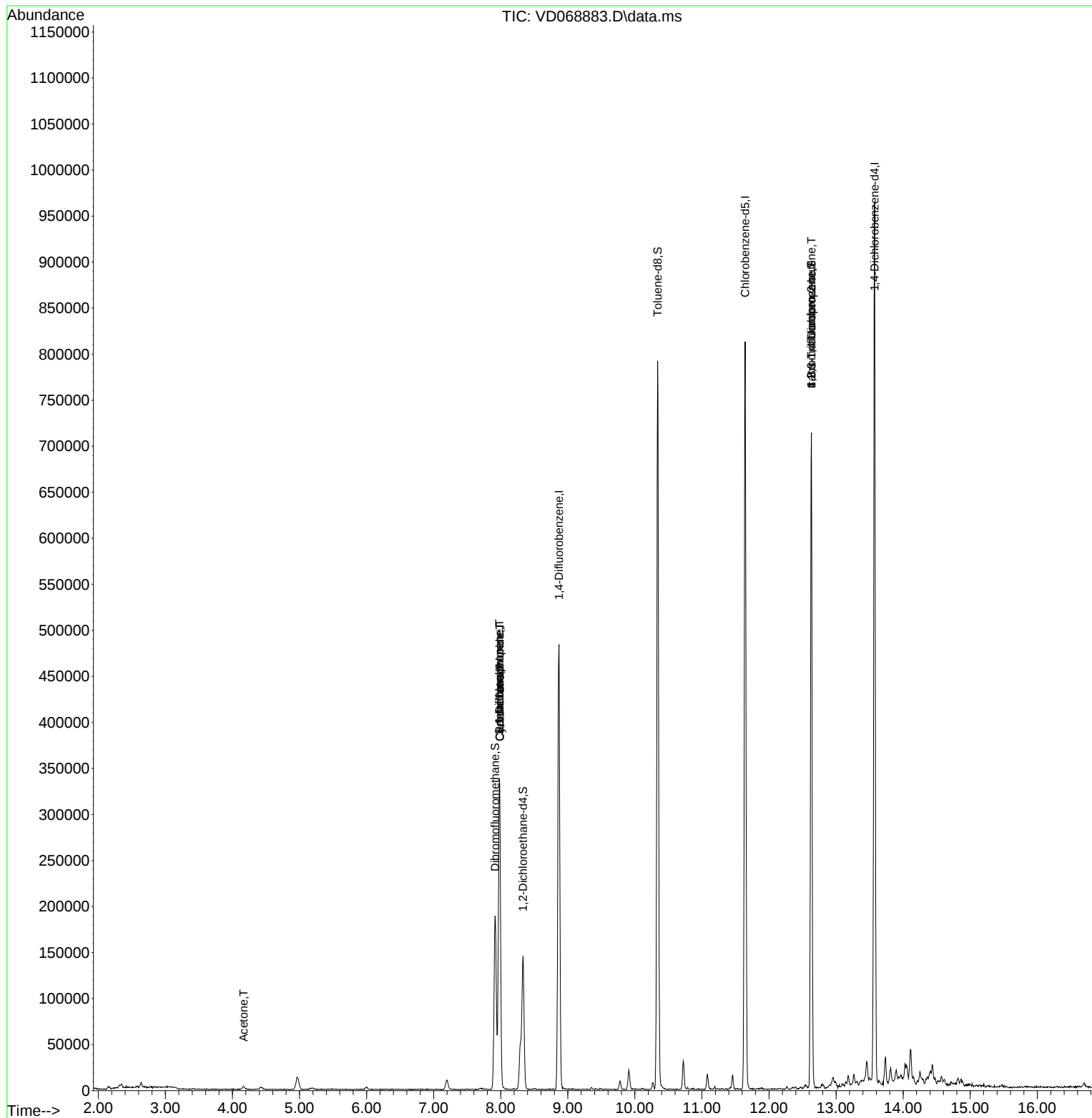
Internal Standards						
1) Pentafluorobenzene	7.979	168	265840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	455869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	502652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109837	39.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.18%
35) Dibromofluoromethane	7.914	113	138605	46.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.48%
50) Toluene-d8	10.338	98	567201	50.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.42%
62) 4-Bromofluorobenzene	12.632	95	223038	60.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.08%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	1938	Below Cal	#	73
16) Acetone	4.168	43	5446	14.00	ug/l #	83
20) Methylene Chloride	4.968	84	12142	Below Cal	#	80
31) Cyclohexane	7.985	56	5328	1.14	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	19414	4.21	ug/l #	50
38) Carbon Tetrachloride	7.985	117	24850	5.44	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	110631	46.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	110631	107.69	ug/l #	16

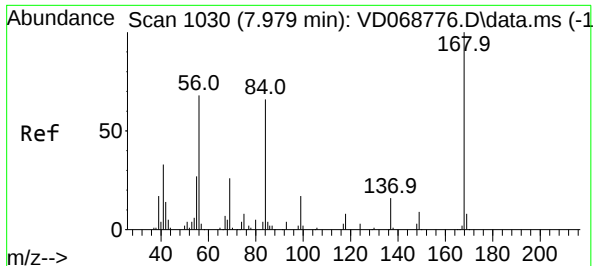
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

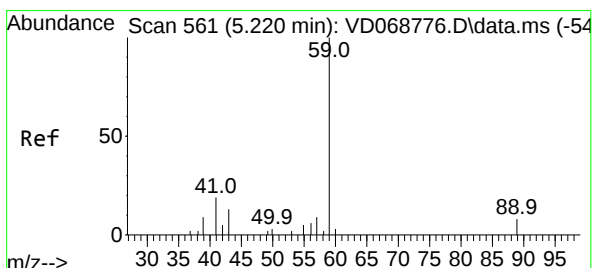
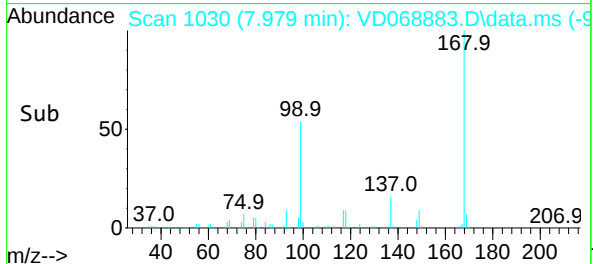
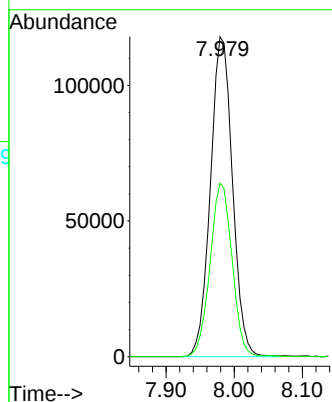
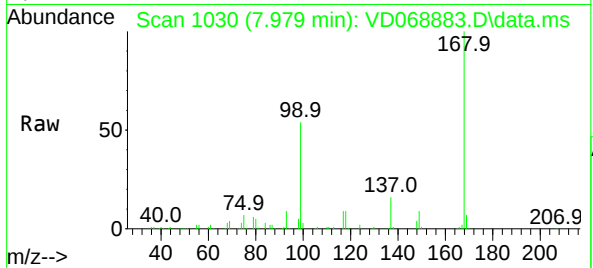




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

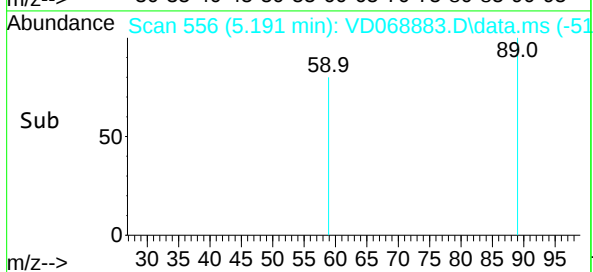
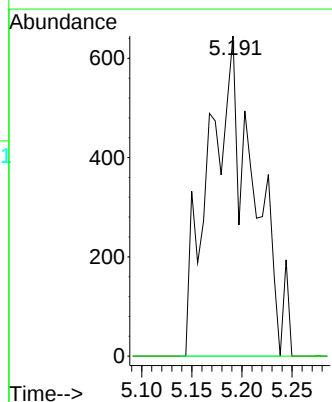
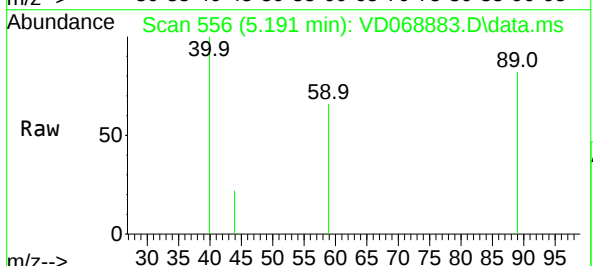
Instrument :
MSVOA_D
ClientSampled :
WC-5

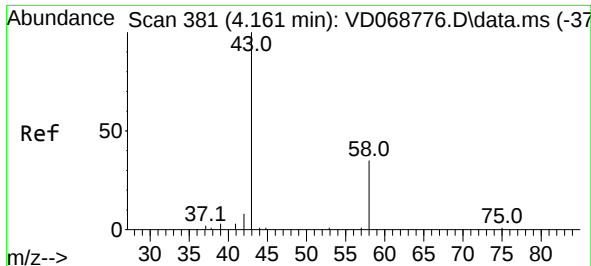
Tgt Ion:168 Resp: 265840
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Tgt Ion: 59 Resp: 1938
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

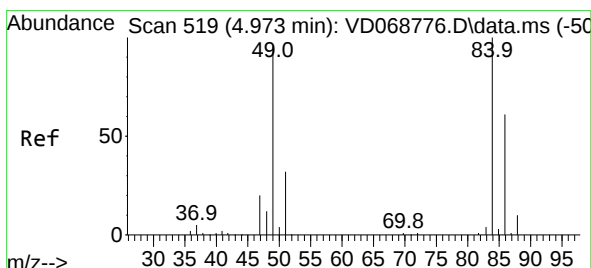
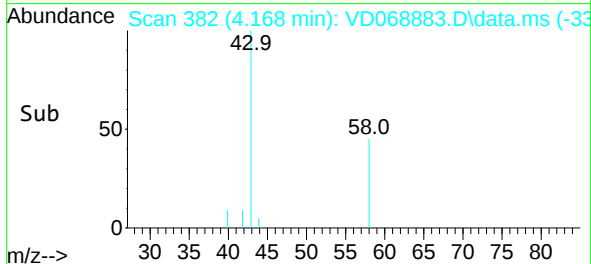
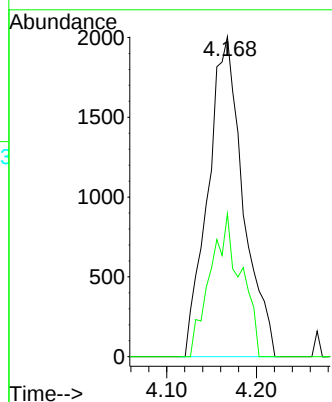
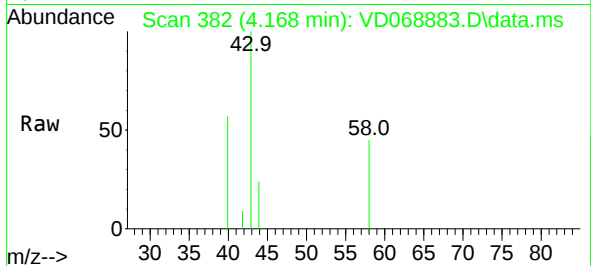




#16
Acetone
Concen: 14.00 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

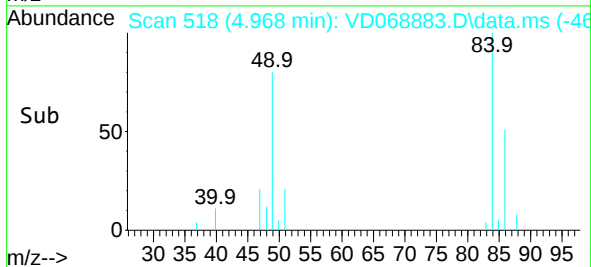
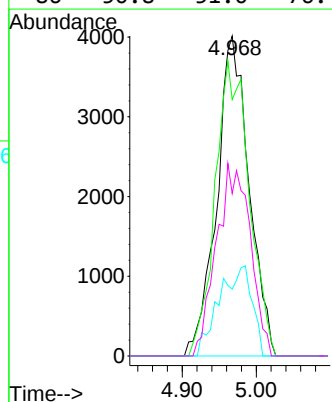
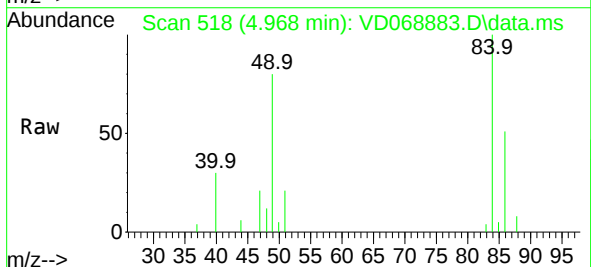
Instrument :
MSVOA_D
ClientSampled :
WC-5

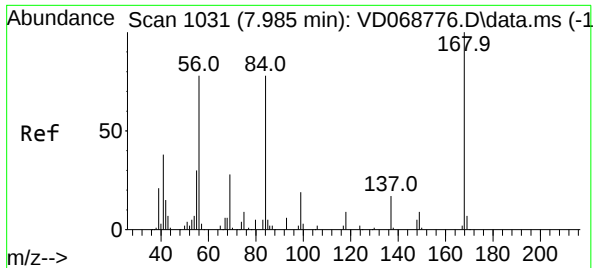
Tgt Ion: 43 Resp: 5446
Ion Ratio Lower Upper
43 100
58 44.7 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

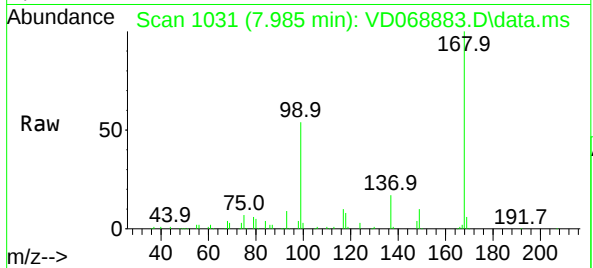
Tgt Ion: 84 Resp: 12142
Ion Ratio Lower Upper
84 100
49 80.1 83.4 125.0#
51 20.9 23.4 35.2#
86 50.8 51.0 76.4#



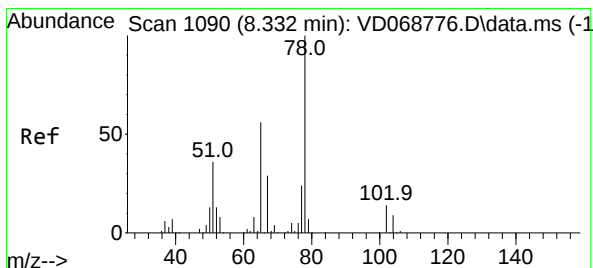
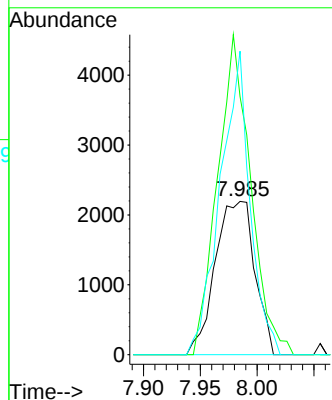
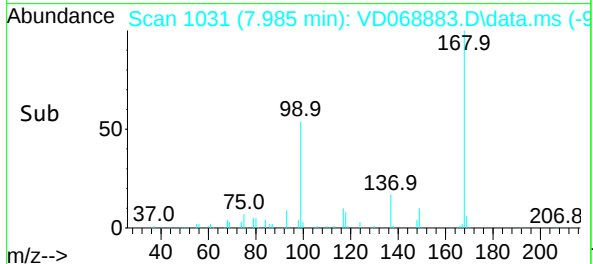


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

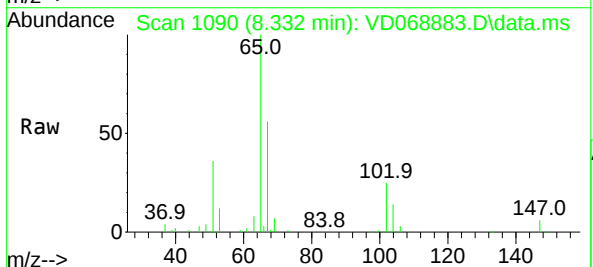
Instrument :
MSVOA_D
ClientSampled :
WC-5



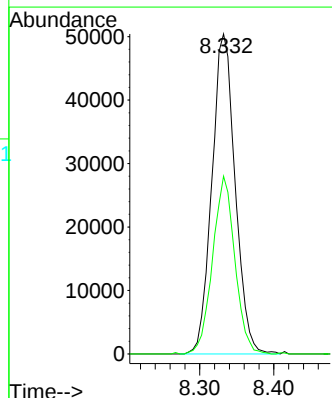
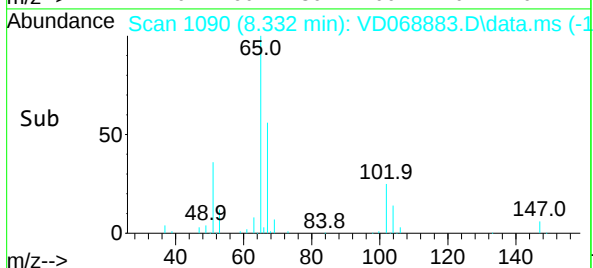
Tgt Ion: 56 Resp: 5328
Ion Ratio Lower Upper
56 100
69 168.4 30.0 45.0#
84 197.9 82.0 123.0#

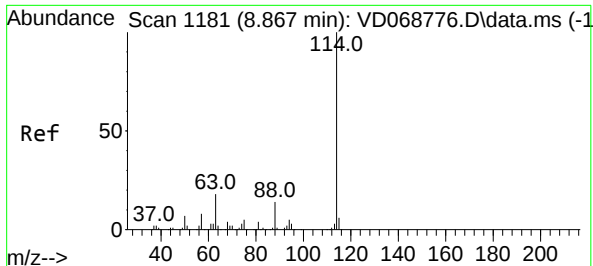


#33
1,2-Dichloroethane-d4
Concen: 39.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43



Tgt Ion: 65 Resp: 109837
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



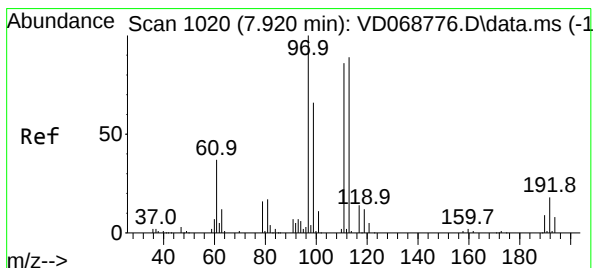
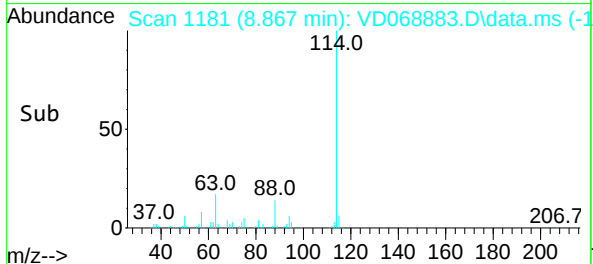
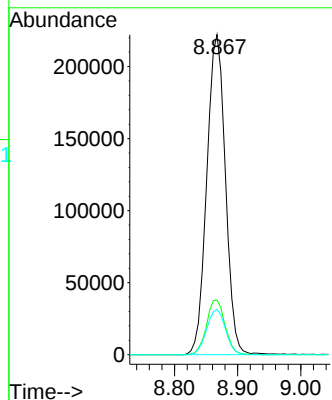
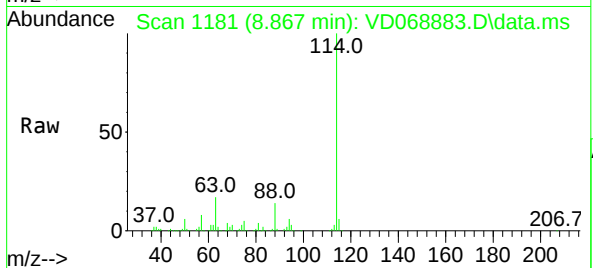


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Instrument :
MSVOA_D
ClientSampled :
WC-5

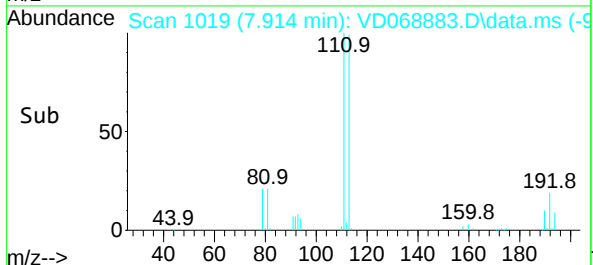
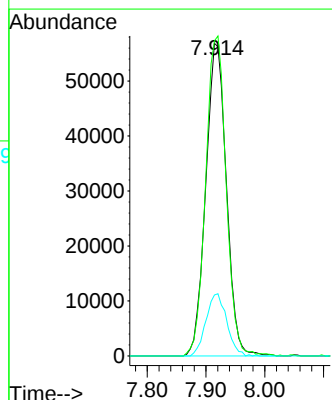
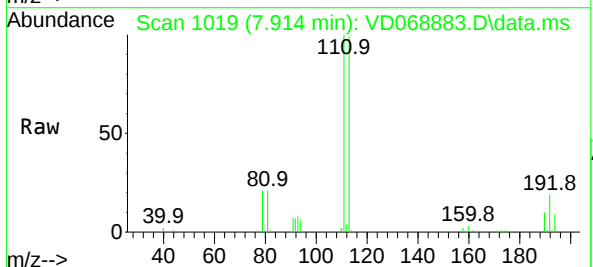
Tgt Ion:114 Resp: 455869
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.2 0.0 29.4

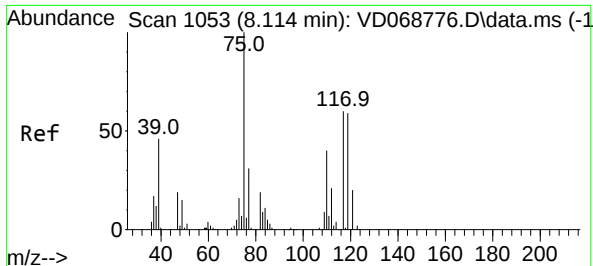


#35

Dibromofluoromethane
Concen: 46.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Tgt Ion:113 Resp: 138605
Ion Ratio Lower Upper
113 100
111 101.8 82.5 123.7
192 20.1 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.21 ug/l

RT: 7.979 min Scan# 1030

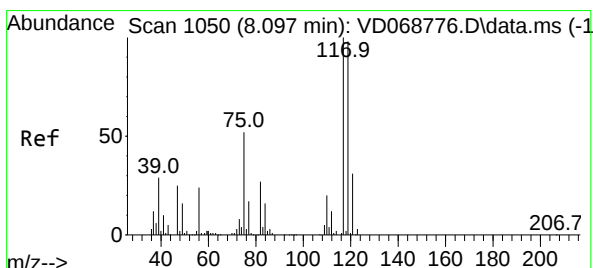
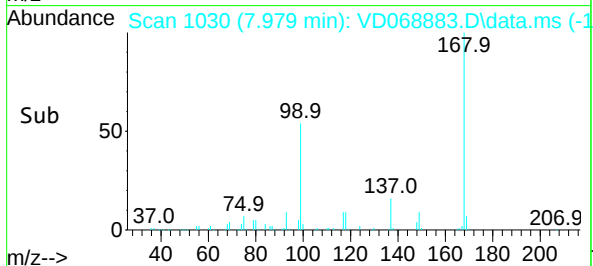
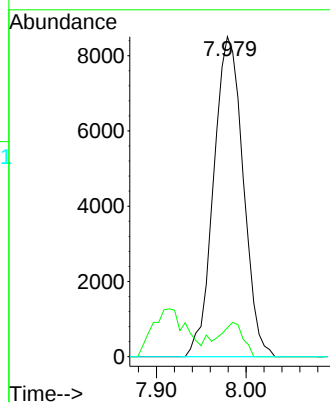
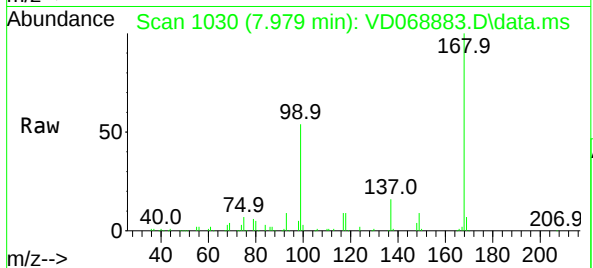
Delta R.T. -0.135 min

Lab File: VD068883.D

Acq: 16 Apr 2021 18:43

Tgt Ion:	75	Resp:	19414
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	24.7	37.1#

Instrument :
MSVOA_D
ClientSampled :
WC-5



#38

Carbon Tetrachloride

Concen: 5.44 ug/l

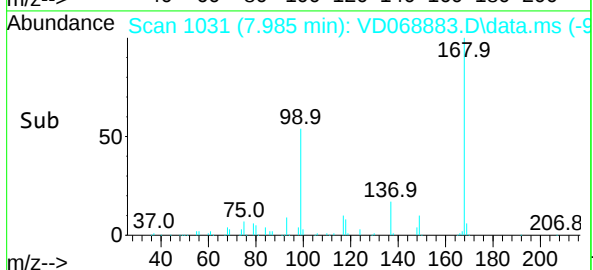
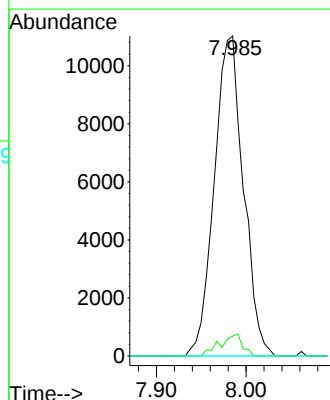
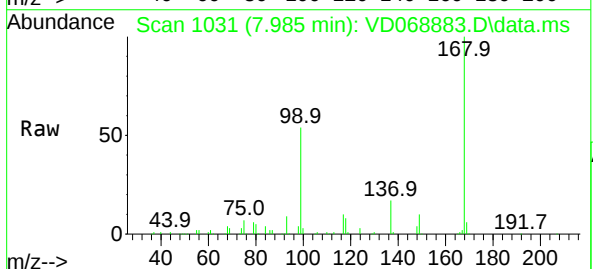
RT: 7.985 min Scan# 1031

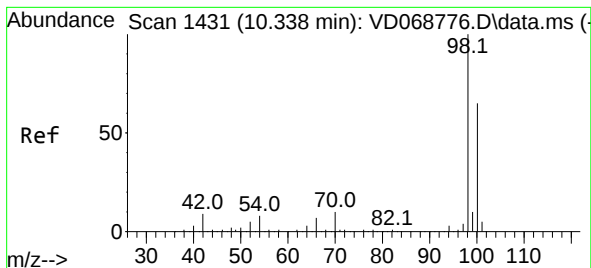
Delta R.T. -0.112 min

Lab File: VD068883.D

Acq: 16 Apr 2021 18:43

Tgt Ion:	117	Resp:	24850
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.6	115.0#
121	0.0	26.1	39.1#

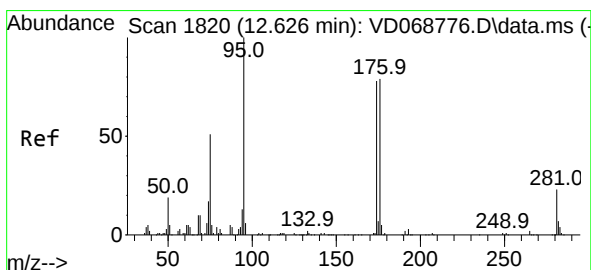
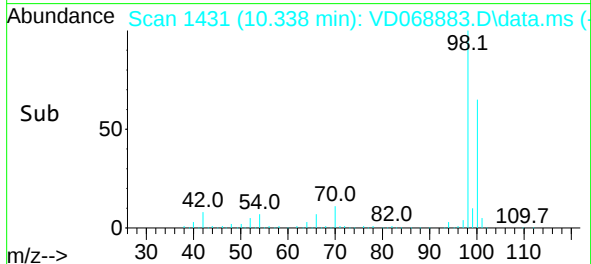
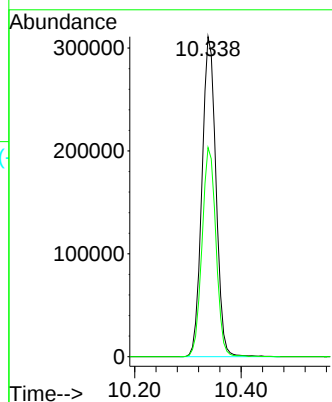
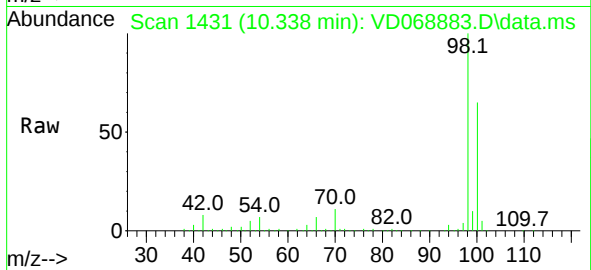




#50
Toluene-d8
Concen: 50.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

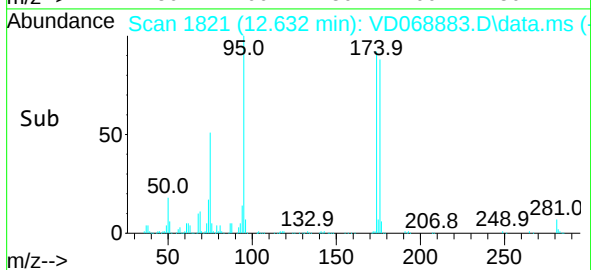
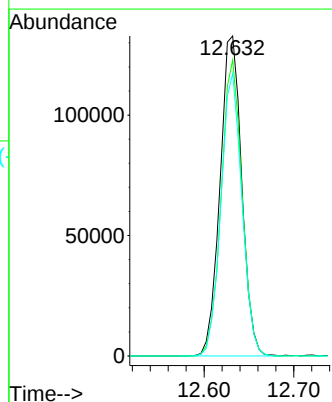
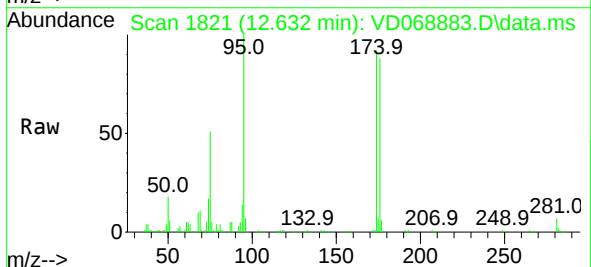
Instrument :
MSVOA_D
ClientSampleId :
WC-5

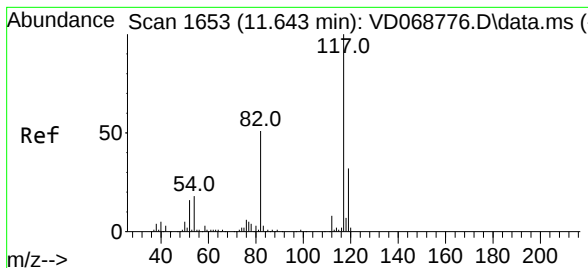
Tgt Ion: 98 Resp: 567201
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Tgt Ion: 95 Resp: 223038
Ion Ratio Lower Upper
95 100
174 88.9 0.0 168.0
176 85.2 0.0 160.2

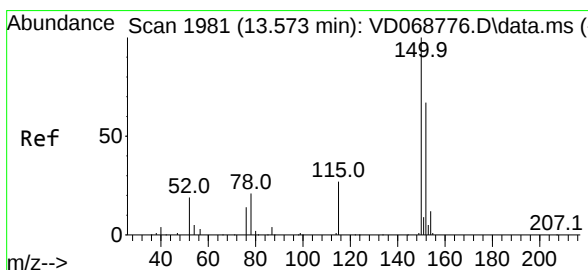
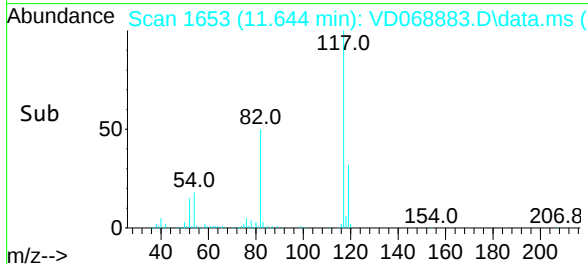
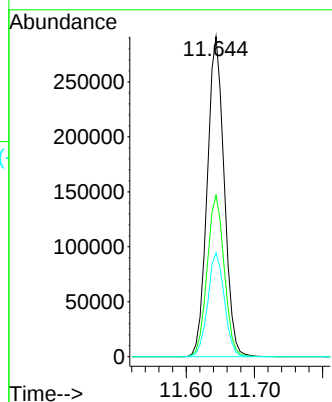
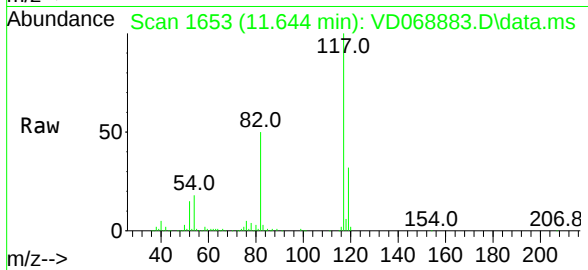




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

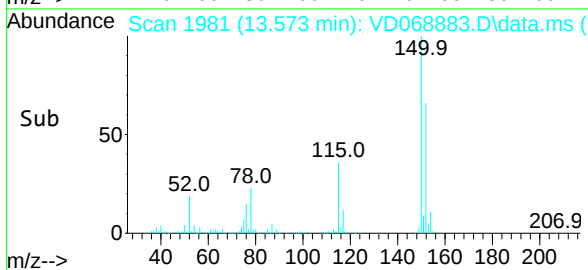
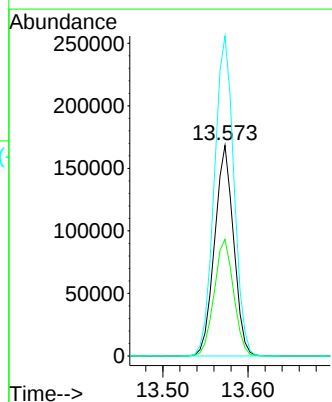
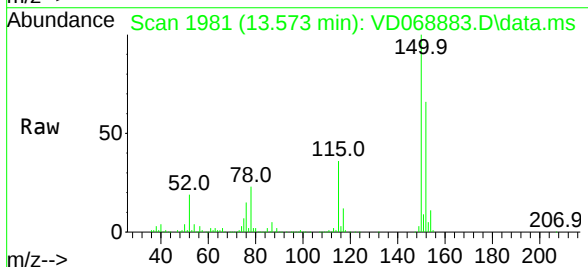
Instrument :
MSVOA_D
ClientSampleId :
WC-5

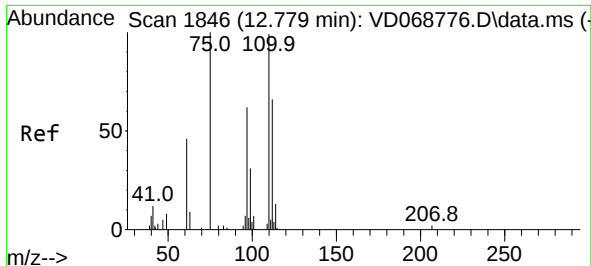
Tgt Ion:117 Resp: 502652
Ion Ratio Lower Upper
117 100
82 50.4 43.5 65.3
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Tgt Ion:152 Resp: 260976
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 156.7 0.0 347.6

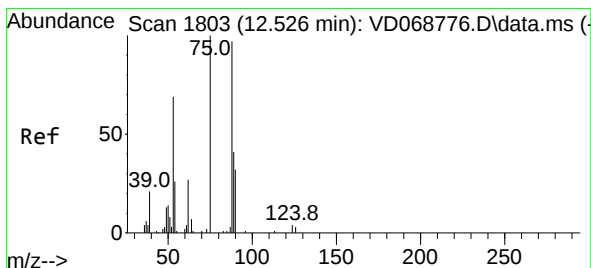
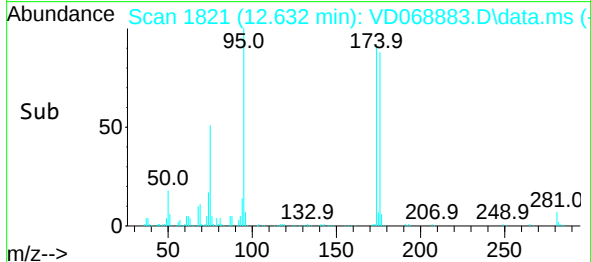
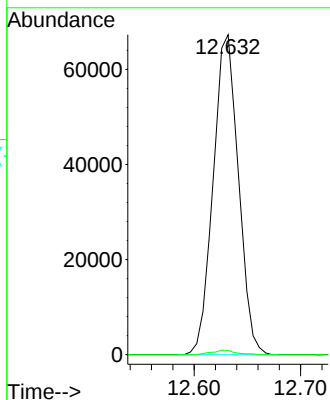
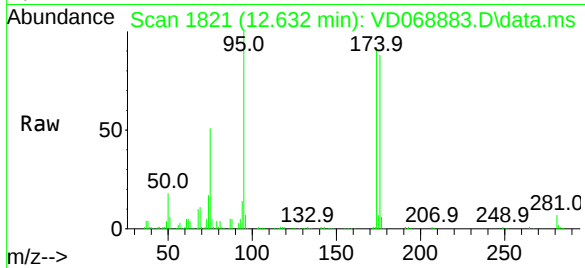




#76
1,2,3-Trichloropropane
Concen: 46.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
WC-5

Tgt Ion: 75 Resp: 110631
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068883.D
Acq: 16 Apr 2021 18:43

Tgt Ion: 75 Resp: 110631
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

