

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068864.D
 Acq On : 15 Apr 2021 19:03
 Operator : VA/SY
 Sample : M2049-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:10:55 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)

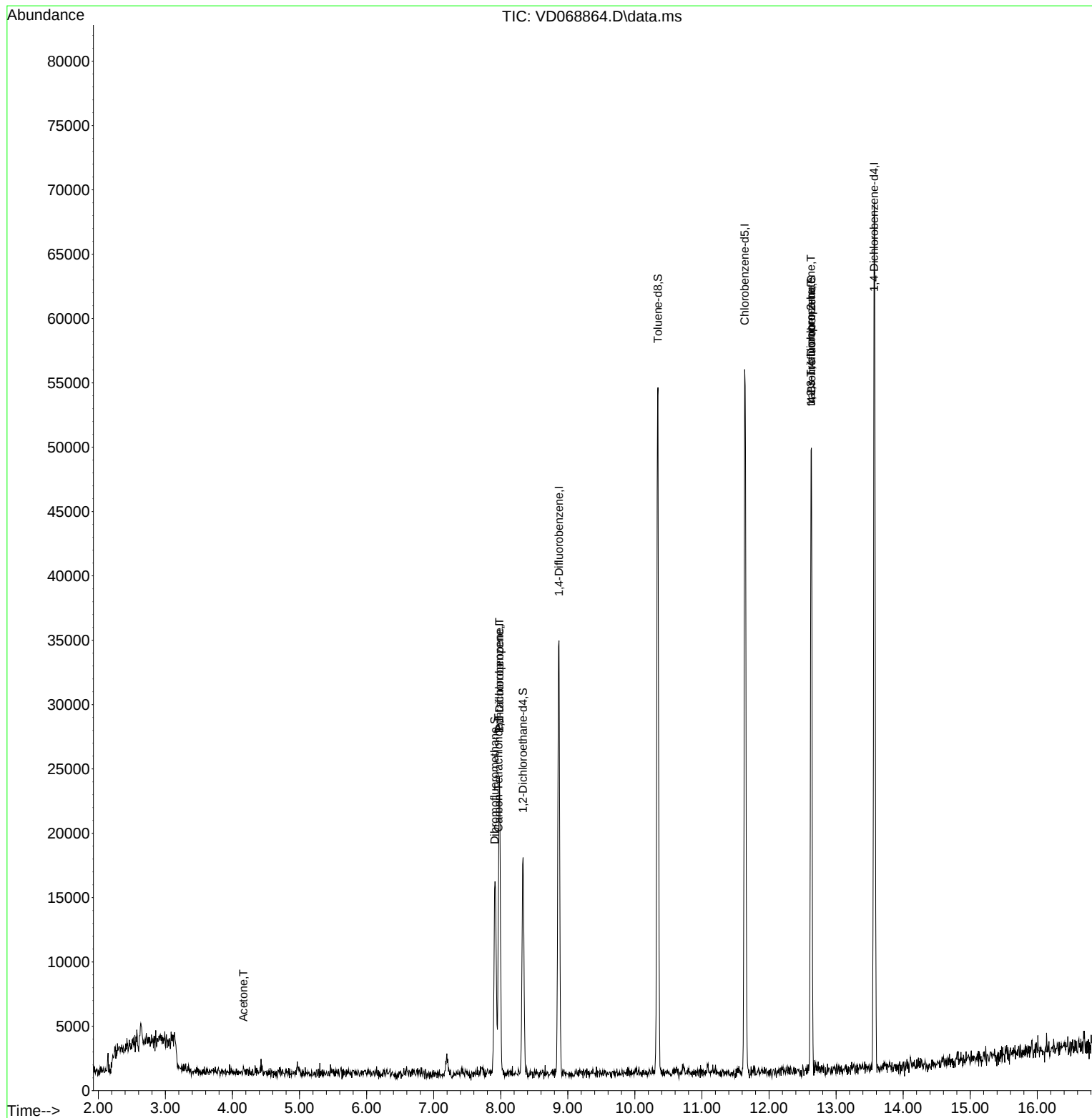
Internal Standards						
1) Pentafluorobenzene	7.979	168	18266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	30507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	36364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	20254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12994	67.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.62%
35) Dibromofluoromethane	7.908	113	11605	58.48	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.96%
50) Toluene-d8	10.344	98	39215	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.632	95	15842	63.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.44%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	240	8.98	ug/l #	40
20) Methylene Chloride	4.985	84	168	Below Cal	#	63
36) 1,1-Dichloropropene	7.979	75	1236	4.00	ug/l #	41
38) Carbon Tetrachloride	7.967	117	1656	5.42	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	8286	44.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	8286	103.92	ug/l #	16

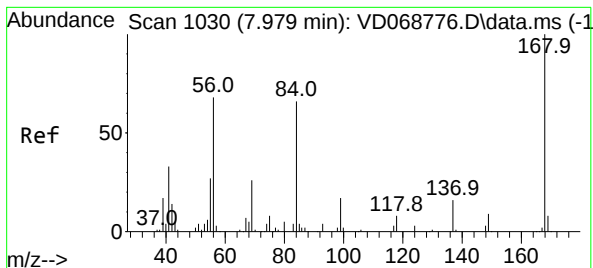
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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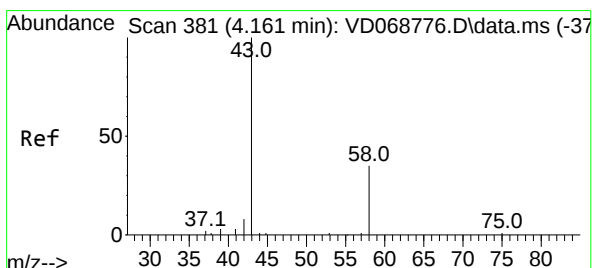
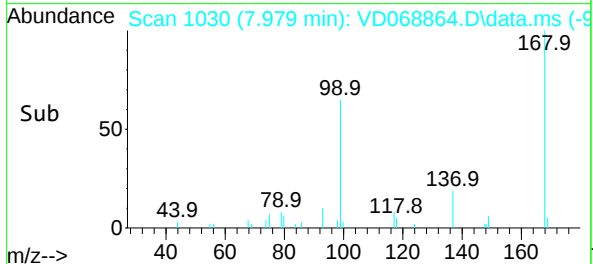
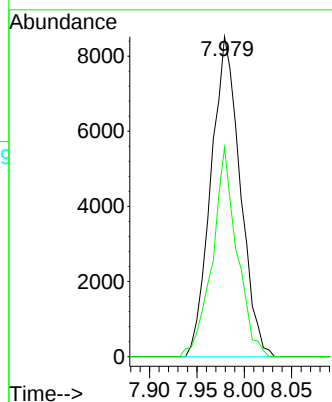
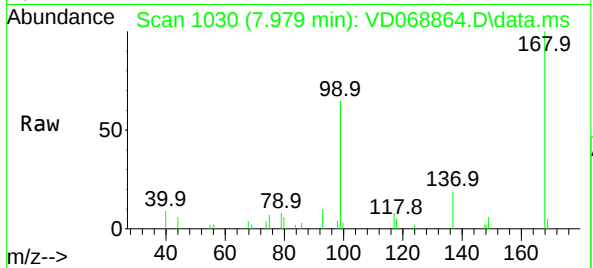




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

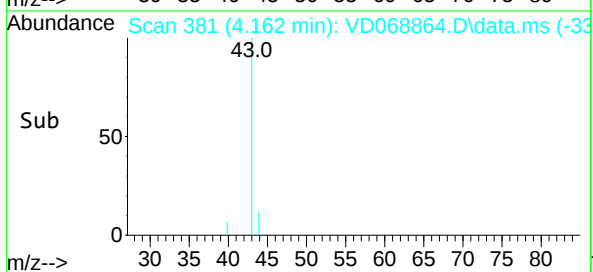
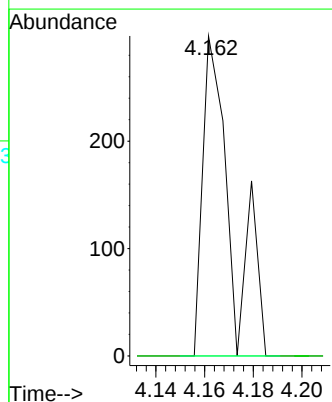
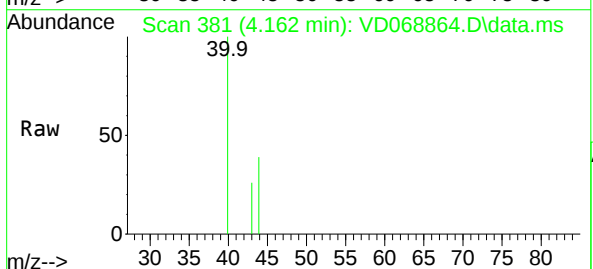
Instrument :
MSVOA_D
ClientSampled :

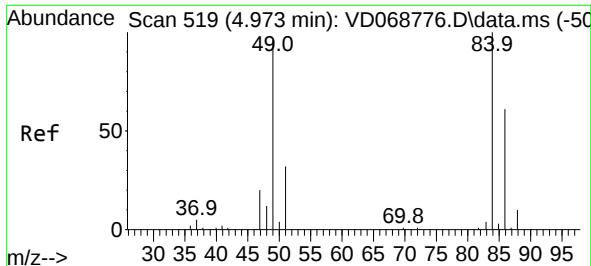
Tgt Ion:168 Resp: 18266
Ion Ratio Lower Upper
168 100
99 65.4 46.2 69.2



#16
Acetone
Concen: 8.98 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

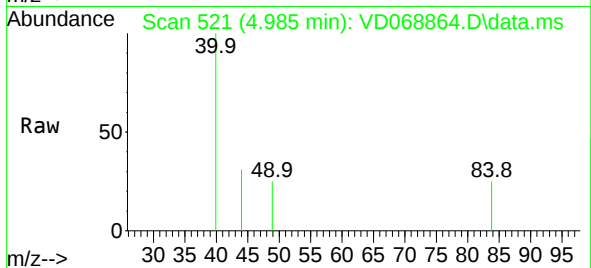
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



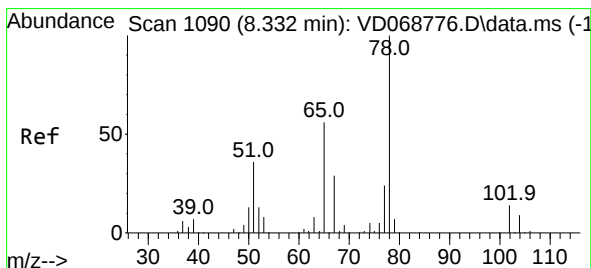
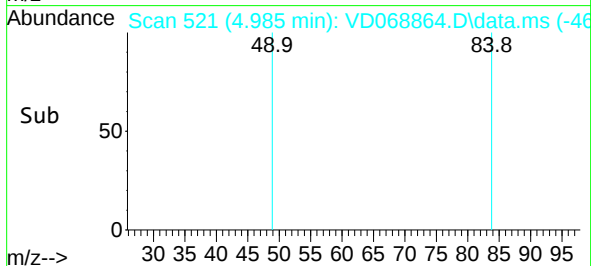
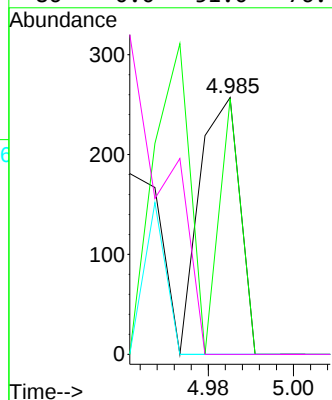


#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.012 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :

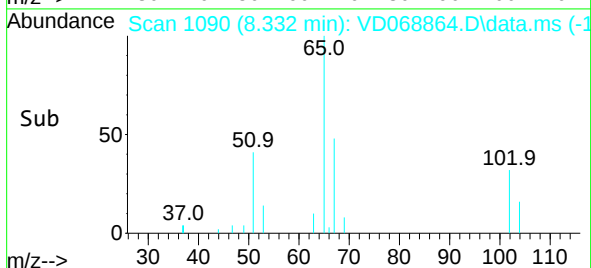
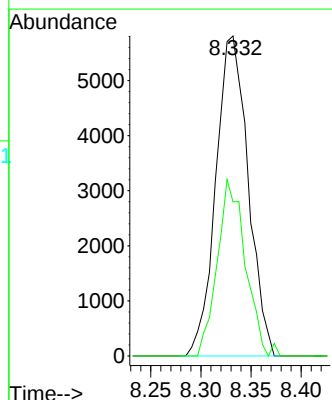
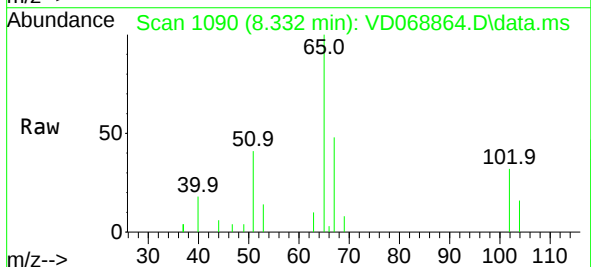


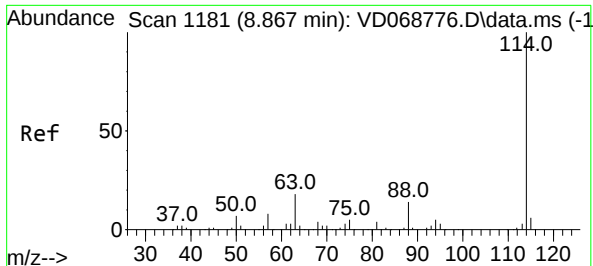
Tgt Ion: 84	Resp: 168
Ion Ratio	Lower Upper
84	100
49	99.6 83.4 125.0
51	0.0 23.4 35.2#
86	0.0 51.0 76.4#



#33
1,2-Dichloroethane-d4
Concen: 67.31 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion: 65	Resp: 12994
Ion Ratio	Lower Upper
65	100
67	48.0 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: VD068864.D

Acq: 15 Apr 2021 19:03

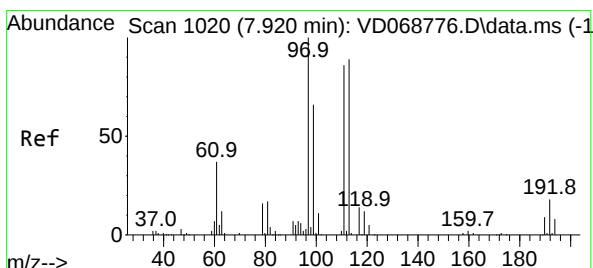
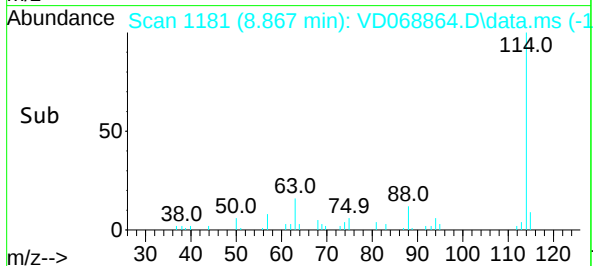
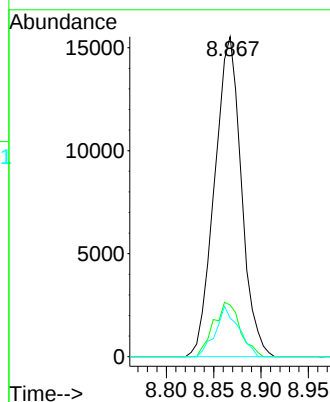
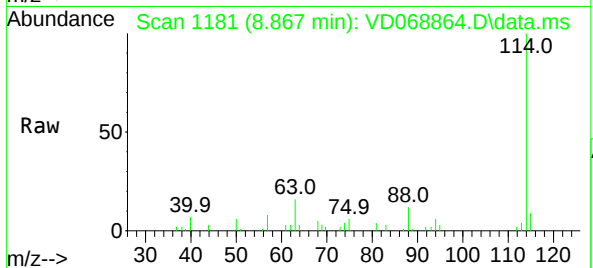
Tgt Ion:114 Resp: 30507

Ion Ratio Lower Upper

114 100

63 16.2 0.0 38.2

88 12.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 58.48 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD068864.D

Acq: 15 Apr 2021 19:03

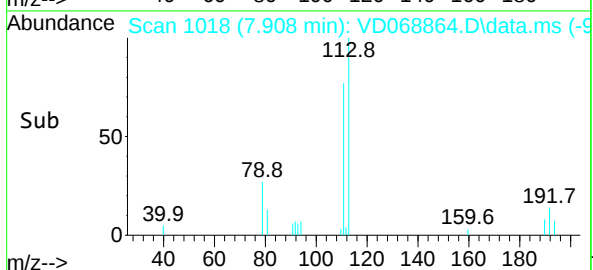
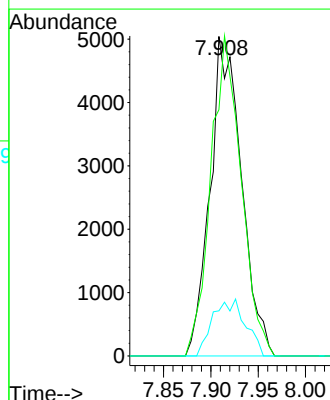
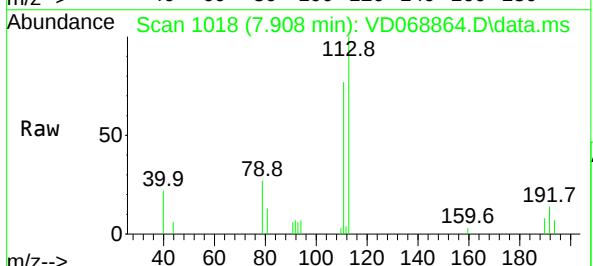
Tgt Ion:113 Resp: 11605

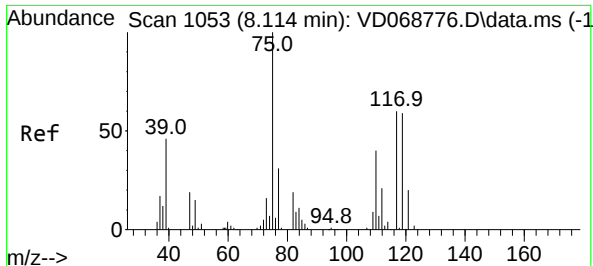
Ion Ratio Lower Upper

113 100

111 97.0 82.5 123.7

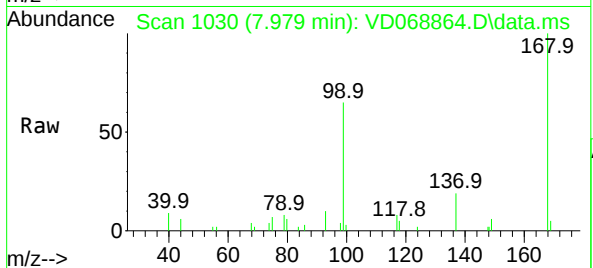
192 18.5 15.1 22.7



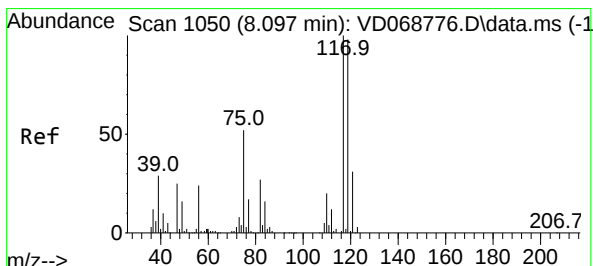
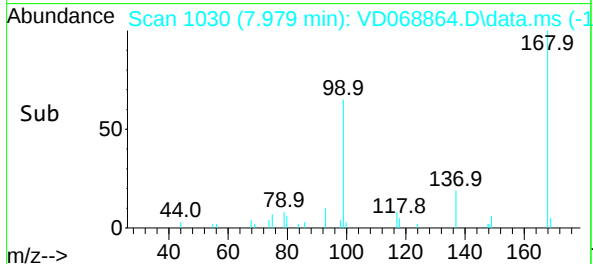
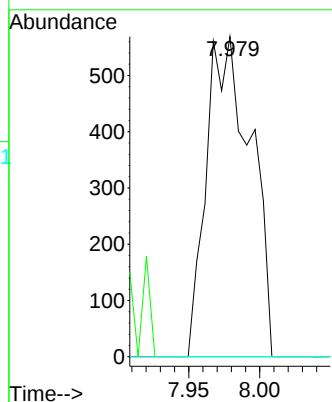


#36
1,1-Dichloropropene
Concen: 4.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Instrument :
MSVOA_D
ClientSampled :

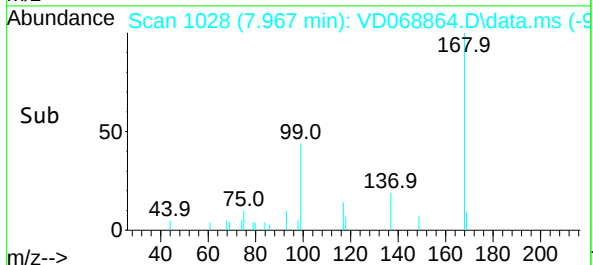
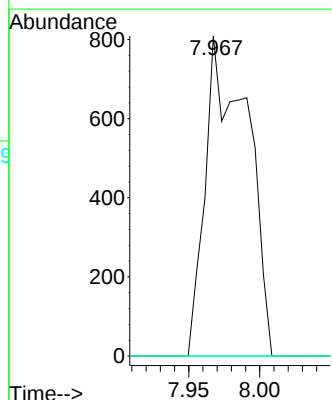
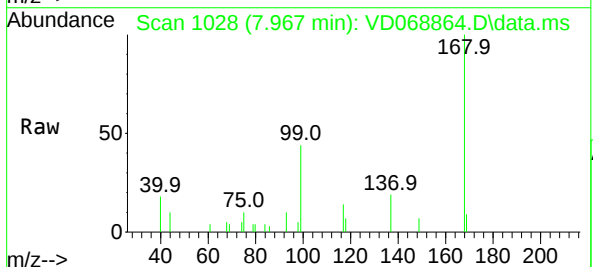


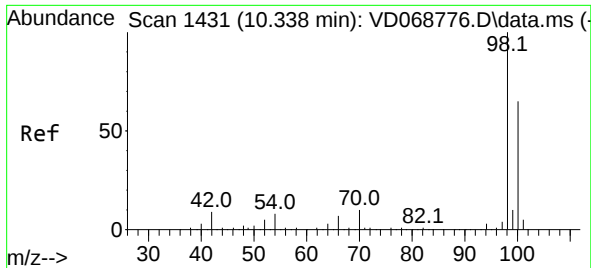
Tgt Ion: 75 Resp: 1236
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.130 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion: 117 Resp: 1656
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#

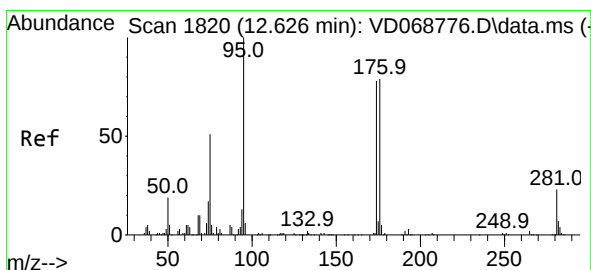
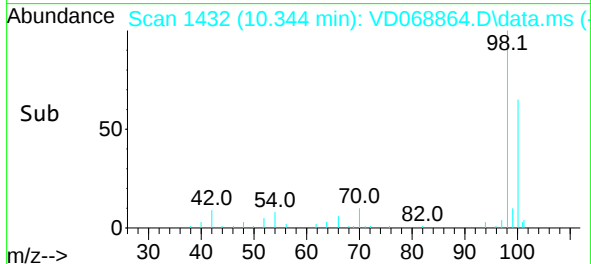
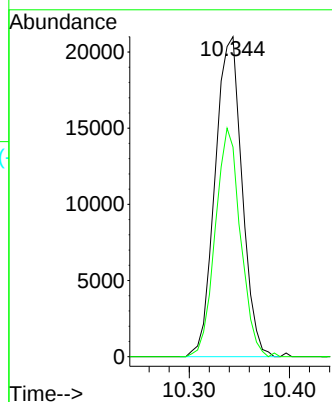
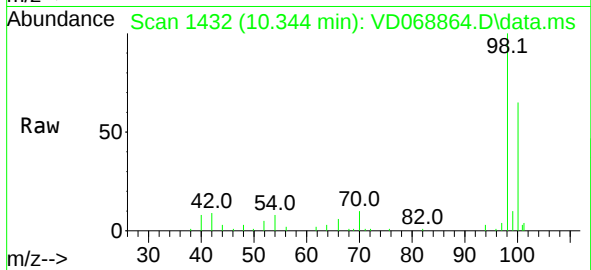




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

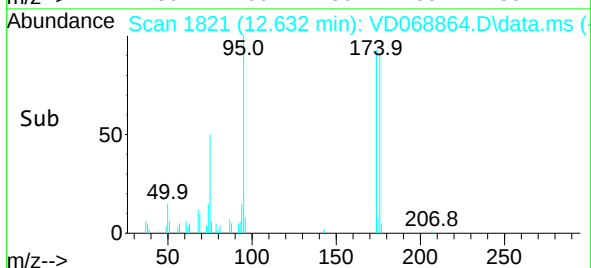
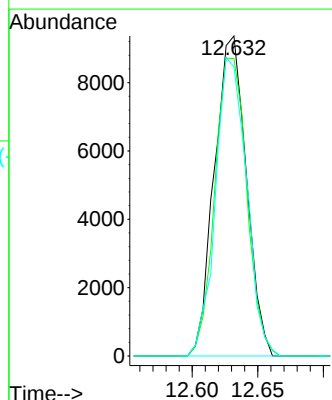
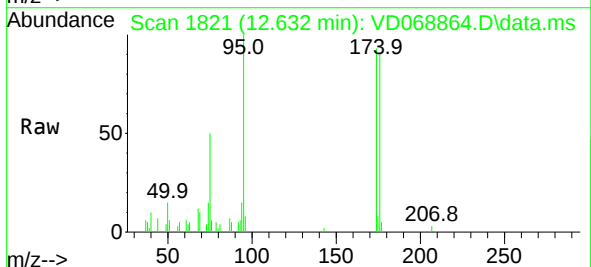
Instrument :
MSVOA_D
ClientSampled :

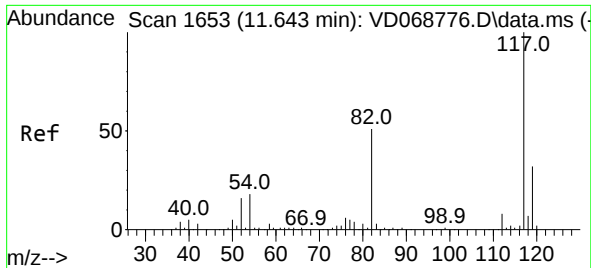
Tgt Ion: 98 Resp: 39215
Ion Ratio Lower Upper
98 100
100 66.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion: 95 Resp: 15842
Ion Ratio Lower Upper
95 100
174 93.0 0.0 168.0
176 90.9 0.0 160.2

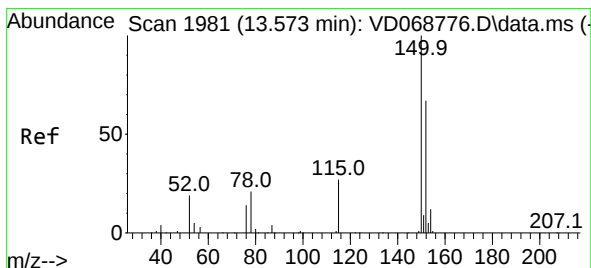
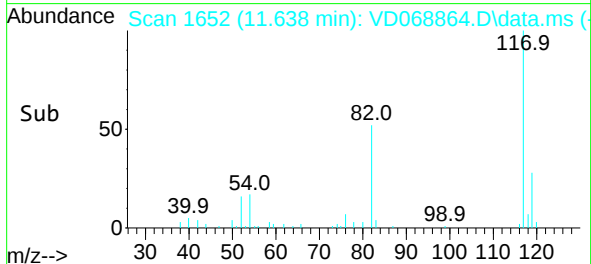
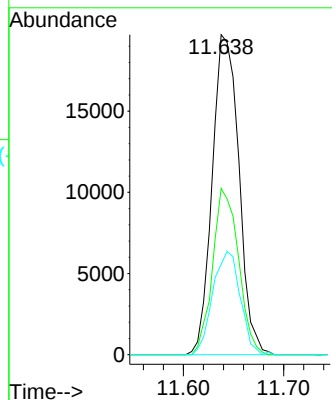
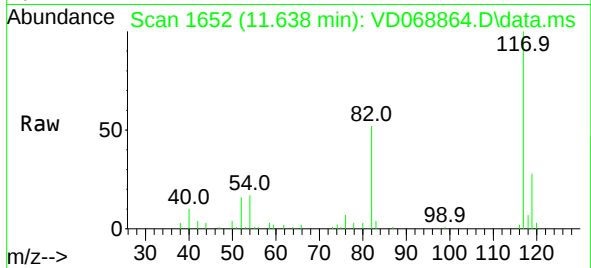




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.005 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

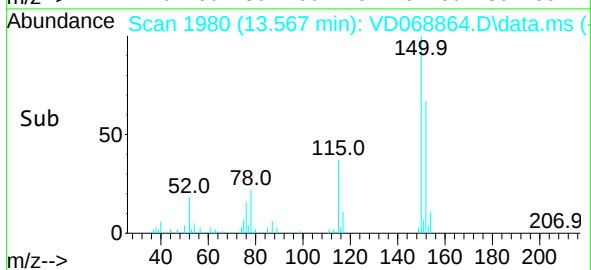
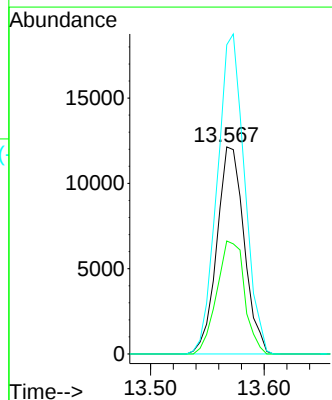
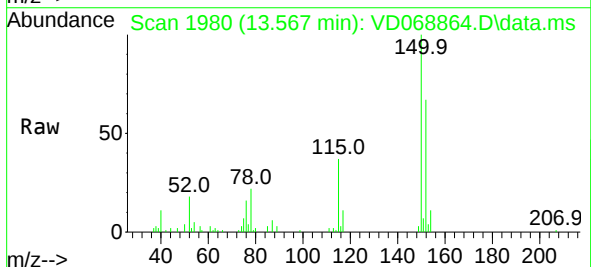
Instrument :
MSVOA_D
ClientSampleId :

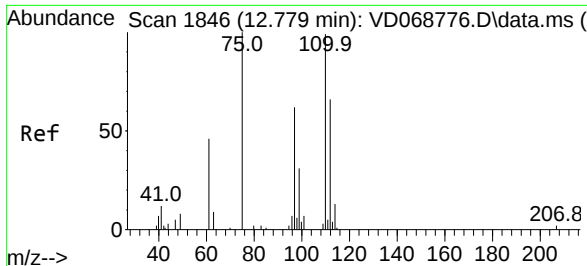
Tgt Ion:117 Resp: 36364
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 28.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion:152 Resp: 20254
Ion Ratio Lower Upper
152 100
115 55.4 29.3 87.8
150 154.7 0.0 347.6

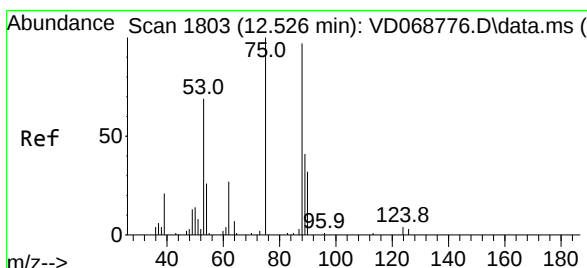
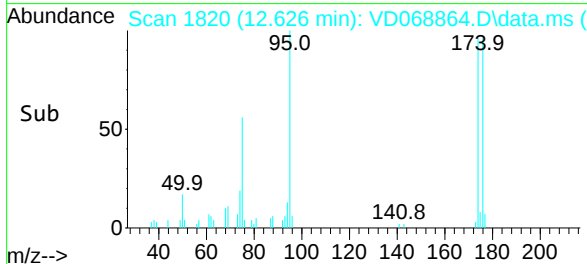
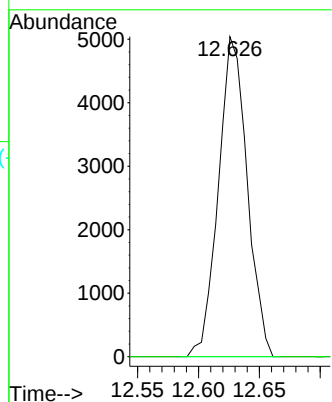
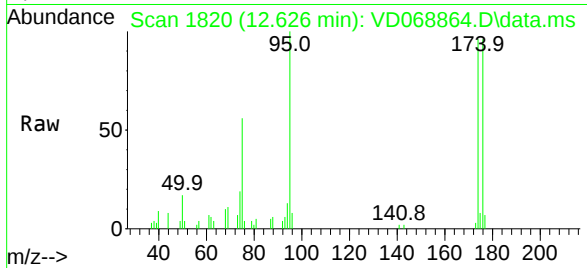




#76
1,2,3-Trichloropropane
Concen: 44.78 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 8286
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.92 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068864.D
Acq: 15 Apr 2021 19:03

Tgt Ion: 75 Resp: 8286
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

