

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
 Data File : VV021074.D
 Acq On : 21 Apr 2021 13:39
 Operator : SY/MD
 Sample : M2067-15 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:41:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

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

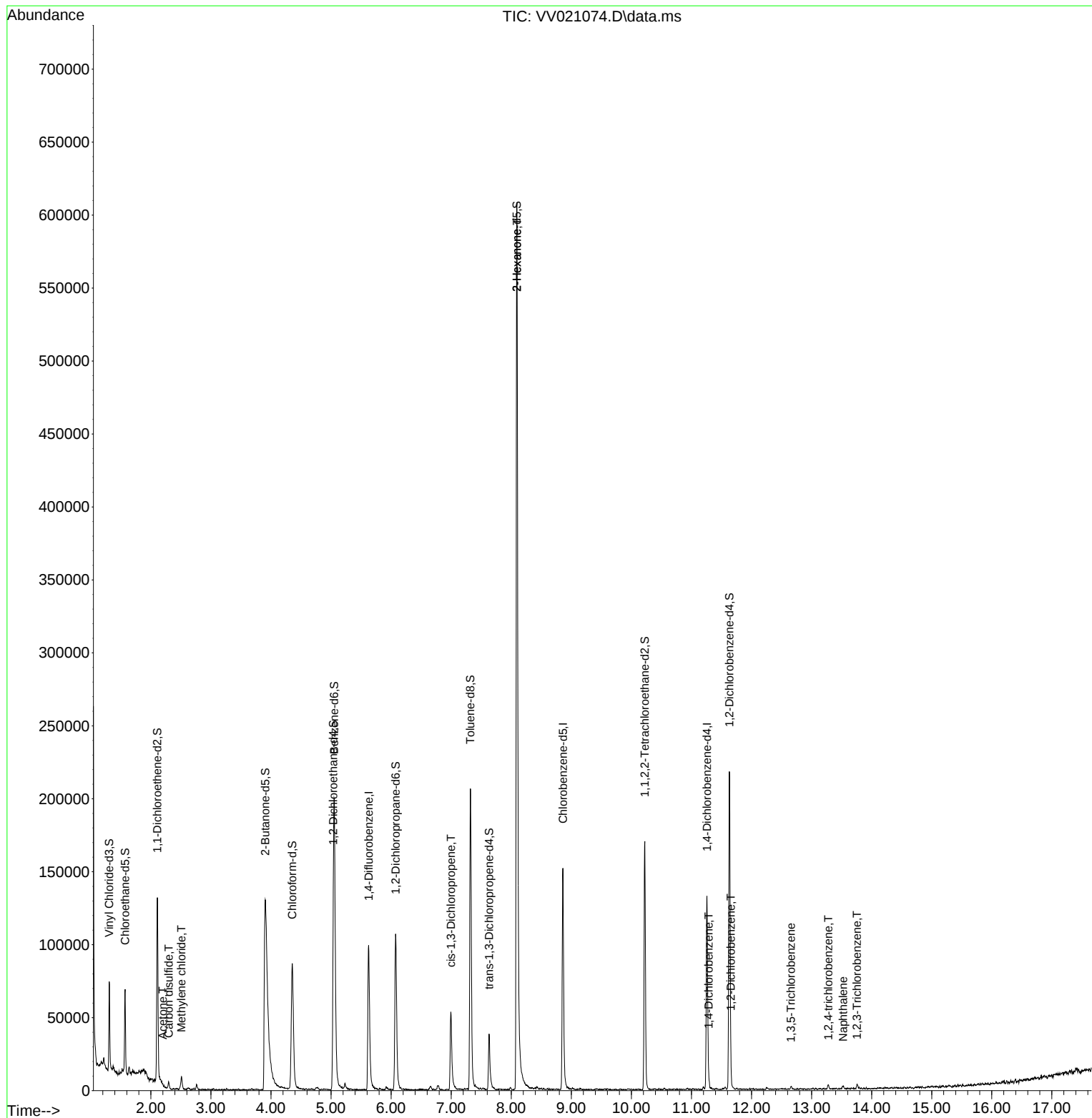
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	91397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	90159	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	37951	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36786	48.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.96%			
7) Chloroethane-d5	1.571	69	34869	63.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 126.22%			
11) 1,1-Dichloroethene-d2	2.108	63	65355	47.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.36%			
21) 2-Butanone-d5	3.905	46	288730	787.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 787.29%#			
24) Chloroform-d	4.355	84	92097	68.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.58%#			
26) 1,2-Dichloroethane-d4	5.037	65	65666	77.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 154.30%#			
32) Benzene-d6	5.053	84	168010	69.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 139.94%#			
36) 1,2-Dichloropropane-d6	6.079	67	51050	71.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 142.46%#			
41) Toluene-d8	7.320	98	138934	59.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.58%			
43) trans-1,3-Dichloroprop...	7.632	79	24112	61.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 123.12%			
47) 2-Hexanone-d5	8.091	63	220755	776.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 776.57%#			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	75528	69.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 139.72%#			
66) 1,2-Dichlorobenzene-d4	11.631	152	59474	79.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 158.66%#			
Target Compounds					Qvalue	
13) Acetone	2.198	43	1457	4.25	ug/L	93
14) Carbon disulfide	2.297	76	4632	2.59	ug/L #	92
16) Methylene chloride	2.510	84	3088	4.54	ug/L	97
39) cis-1,3-Dichloropropene	6.995	75	1477	1.47	ug/L	91
48) 2-Hexanone	8.095	43	25152	42.80	ug/L #	70
65) 1,4-Dichlorobenzene	11.287	146	1404	1.21	ug/L #	77
67) 1,2-Dichlorobenzene	11.657	146	1024	0.88	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.657	180	953	1.08	ug/L #	27
70) 1,2,4-trichlorobenzene	13.278	180	1010	1.40	ug/L #	93
71) Naphthalene	13.525	128	2291	1.14	ug/L #	78
72) 1,2,3-Trichlorobenzene	13.757	180	740	1.01	ug/L #	31

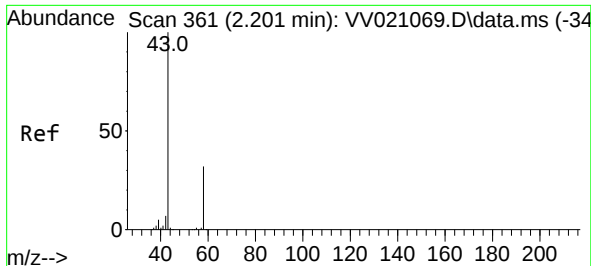
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 22 06:32:19 2021
Response via : Initial Calibration

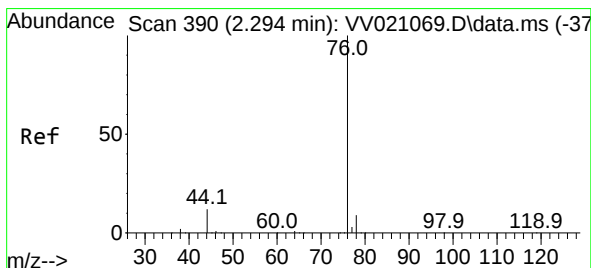
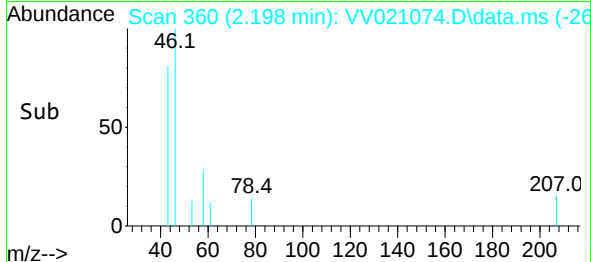
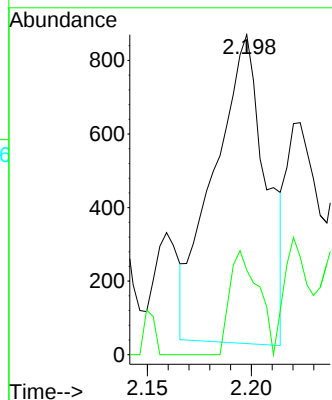
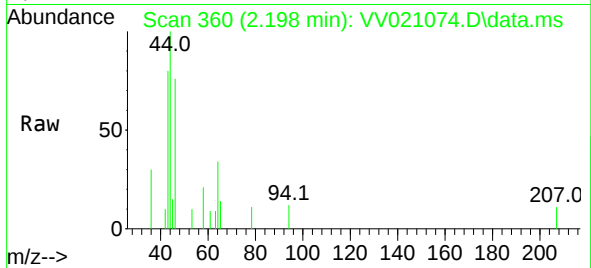




#13
Acetone
Concen: 4.25 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.003 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

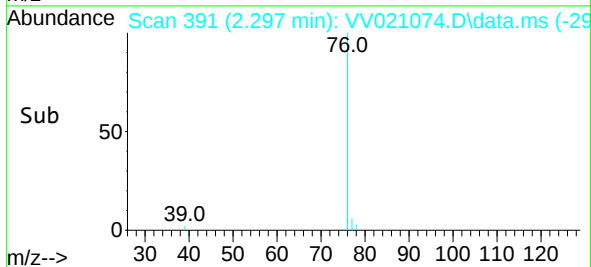
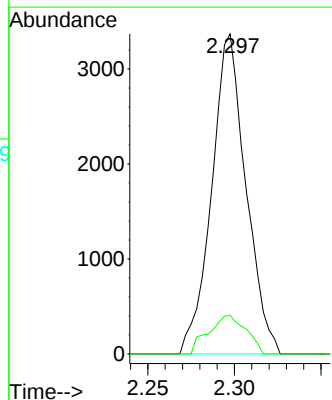
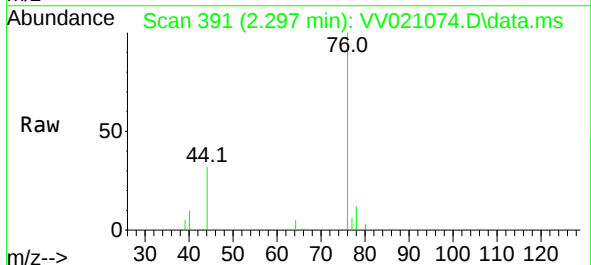
Instrument :
MSVOA_V
ClientSampleId :

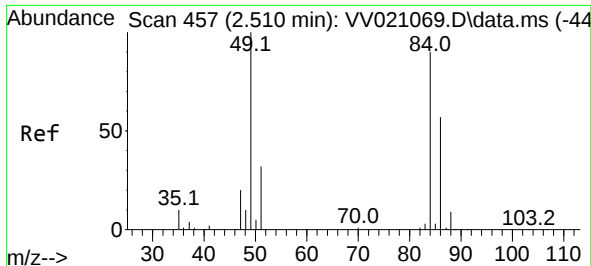
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 18.4 0.0 30.8



#14
Carbon disulfide
Concen: 2.59 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

Tgt Ion: 76 Resp: 4632
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.2#

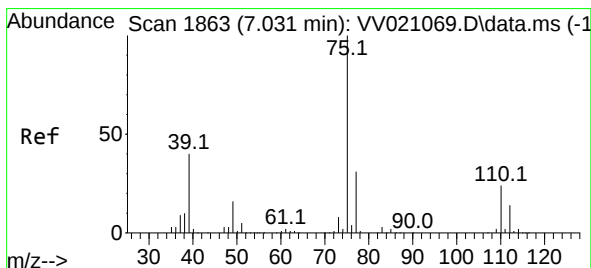
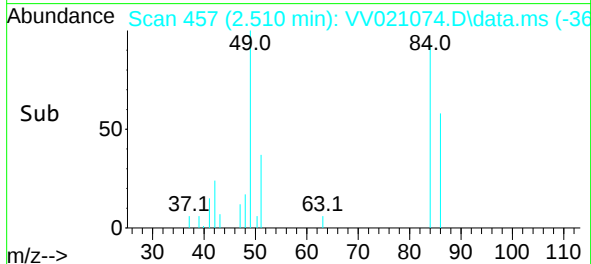
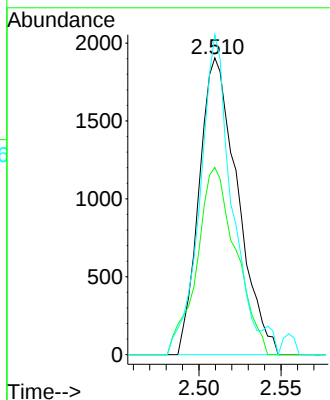
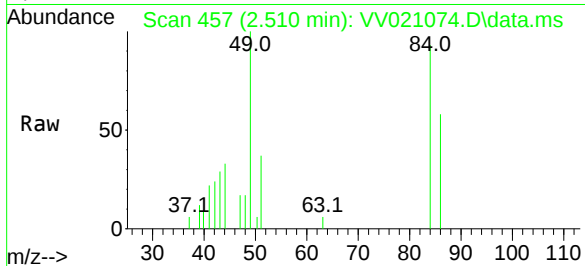




#16
Methylene chloride
Concen: 4.54 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

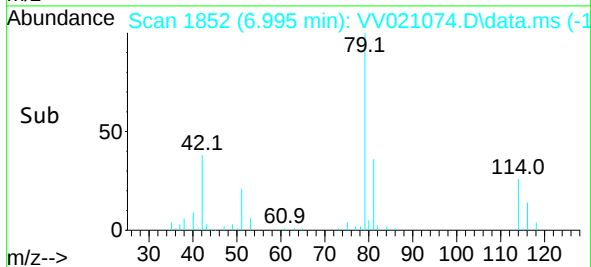
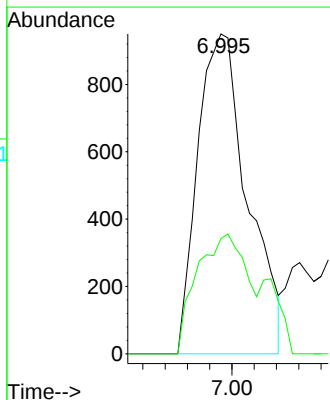
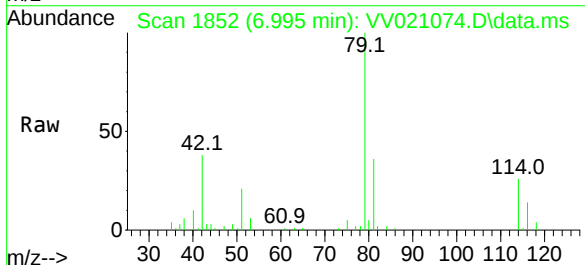
Instrument :
MSVOA_V
ClientSampled :

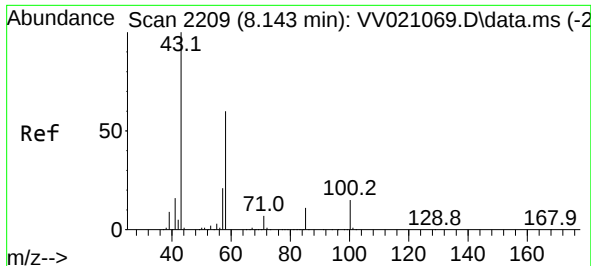
Tgt Ion: 84 Resp: 3088
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.5
49 107.8 78.1 145.1



#39
cis-1,3-Dichloropropene
Concen: 1.47 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.036 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

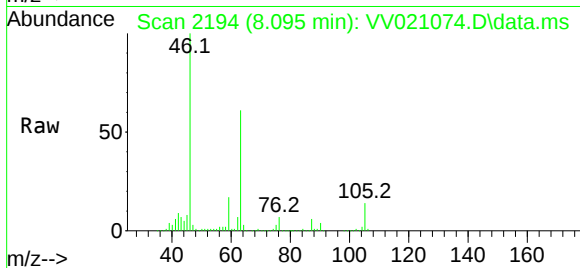
Tgt Ion: 75 Resp: 1477
Ion Ratio Lower Upper
75 100
77 36.0 21.8 40.6



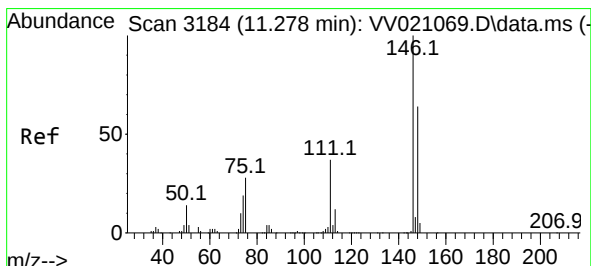
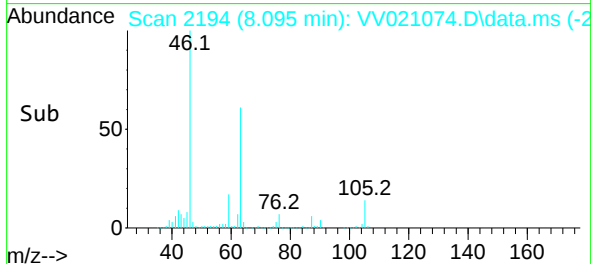
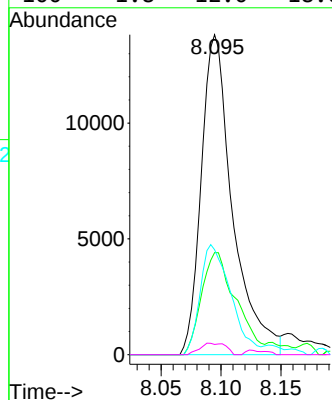


#48
2-Hexanone
Concen: 42.80 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

Instrument :
MSVOA_V
ClientSampled :

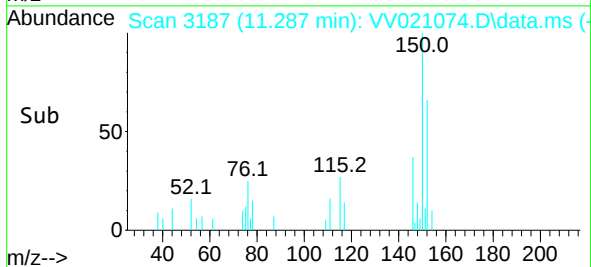
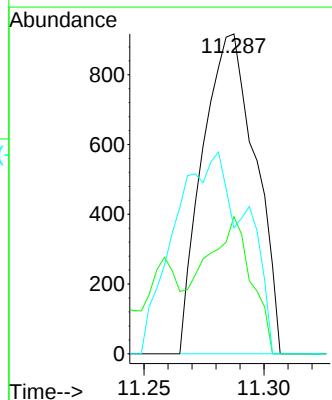
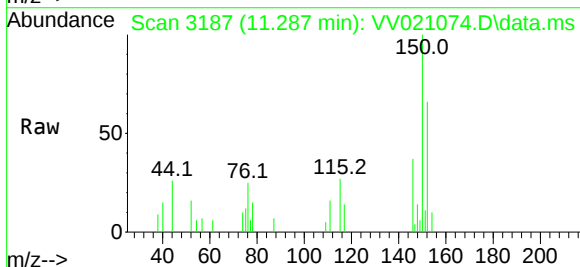


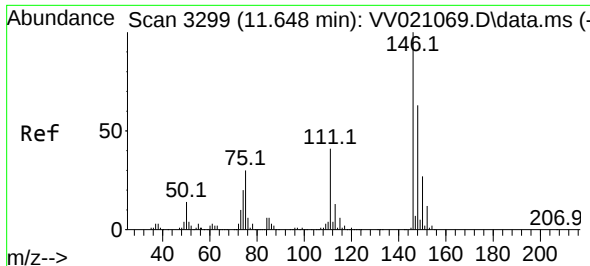
Tgt Ion: 43	Resp: 25152
Ion Ratio	Lower Upper
43	100
58	35.0 46.8 70.2#
57	33.6 17.6 26.4#
100	1.8 12.0 18.0#



#65
1,4-Dichlorobenzene
Concen: 1.21 ug/L
RT: 11.287 min Scan# 3187
Delta R.T. 0.009 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

Tgt Ion: 146	Resp: 1404
Ion Ratio	Lower Upper
146	100
111	42.9 26.3 48.9
148	39.4 44.7 82.9#

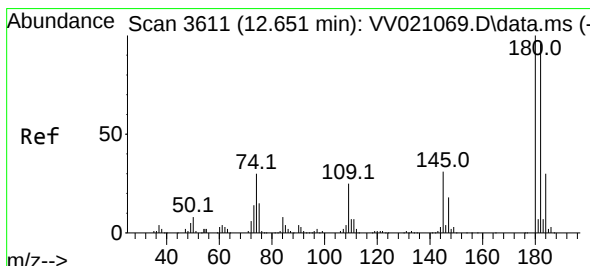
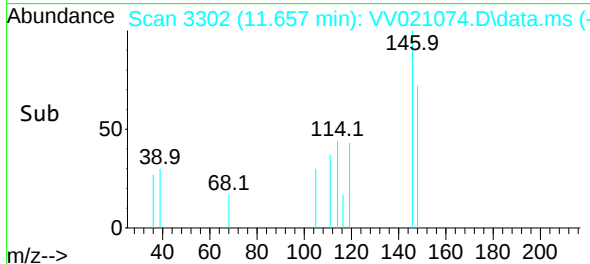
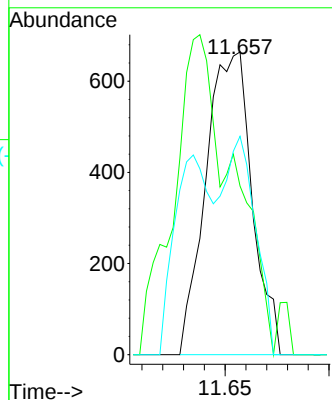
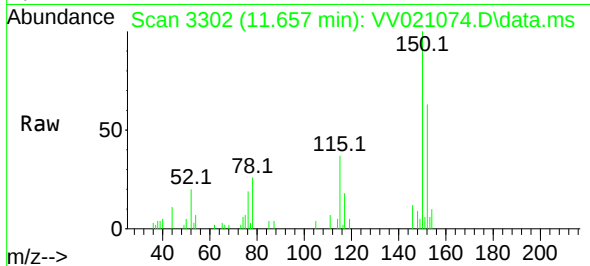




#67
1,2-Dichlorobenzene
Concen: 0.88 ug/L
RT: 11.657 min Scan# 3302
Delta R.T. 0.009 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

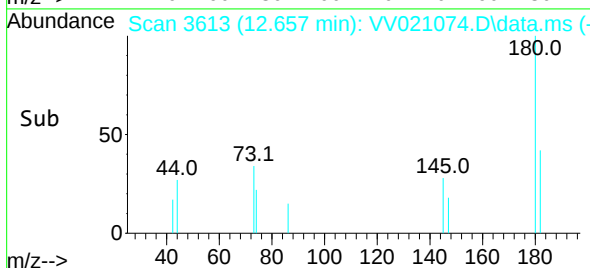
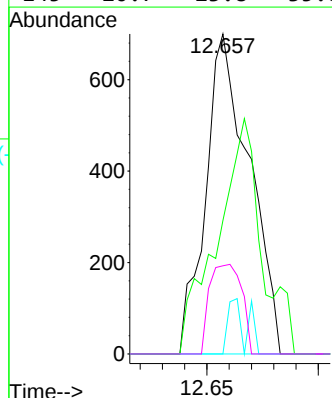
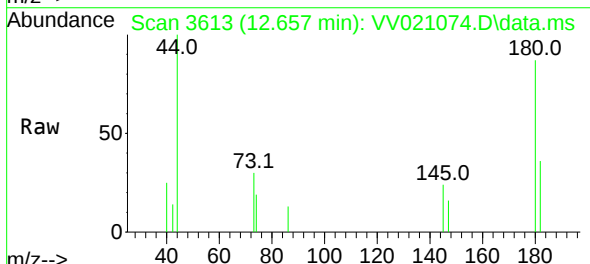
Instrument :
MSVOA_V
ClientSampleId :

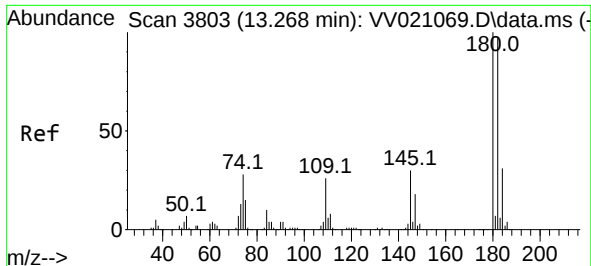
Tgt Ion:146 Resp: 1024
Ion Ratio Lower Upper
146 100
111 55.7 33.2 49.8#
148 72.1 50.6 75.8



#69
1,3,5-Trichlorobenzene
Concen: 1.08 ug/L
RT: 12.657 min Scan# 3613
Delta R.T. 0.006 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

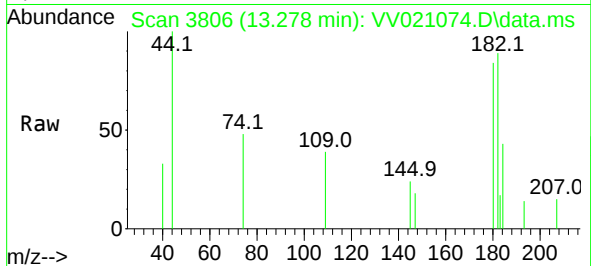
Tgt Ion:180 Resp: 953
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.0#
184 4.7 24.1 36.1#
145 20.7 23.8 35.8#



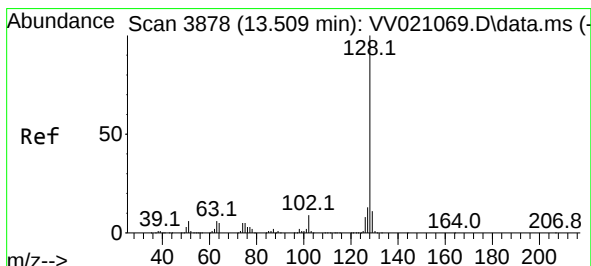
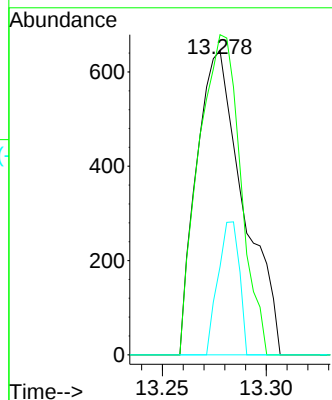
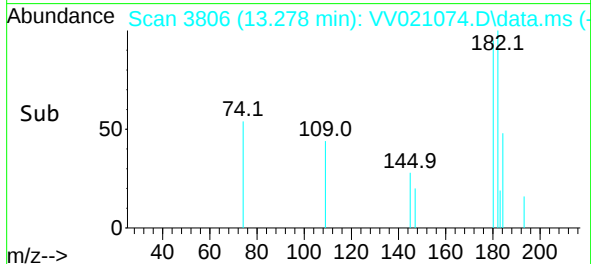


#70
1,2,4-trichlorobenzene
Concen: 1.40 ug/L
RT: 13.278 min Scan# 3806
Delta R.T. 0.009 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39

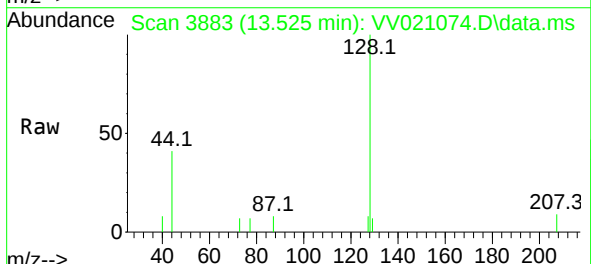
Instrument :
MSVOA_V
ClientSampled :



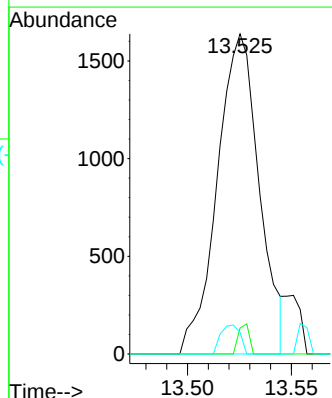
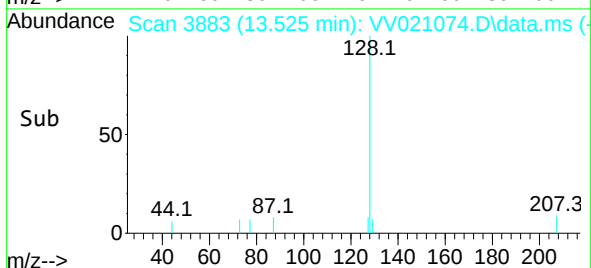
Tgt Ion:180 Resp: 1010
Ion Ratio Lower Upper
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182 94.0 77.5 116.3
145 19.8 24.3 36.5#

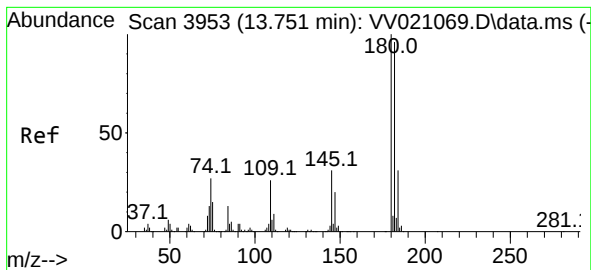


#71
Naphthalene
Concen: 1.14 ug/L
RT: 13.525 min Scan# 3883
Delta R.T. 0.016 min
Lab File: VV021074.D
Acq: 21 Apr 2021 13:39



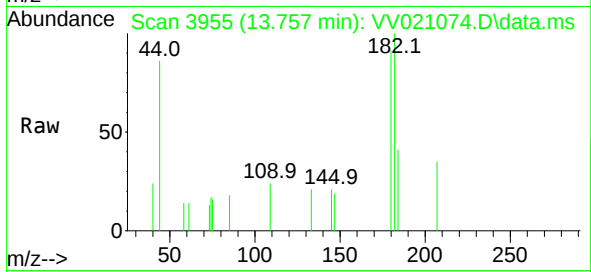
Tgt Ion:128 Resp: 2291
Ion Ratio Lower Upper
128 100
127 2.4 10.3 15.5#
129 4.2 8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.01 ug/L
 RT: 13.757 min Scan# 3955
 Delta R.T. 0.006 min
 Lab File: VV021074.D
 Acq: 21 Apr 2021 13:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 740
 Ion Ratio Lower Upper
 180 100
 182 176.2 75.9 113.9#
 145 18.2 25.0 37.6#

