

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021509.D
 Acq On : 04 Jun 2021 16:06
 Operator : SY/MD
 Sample : M2605-10 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 03:59:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

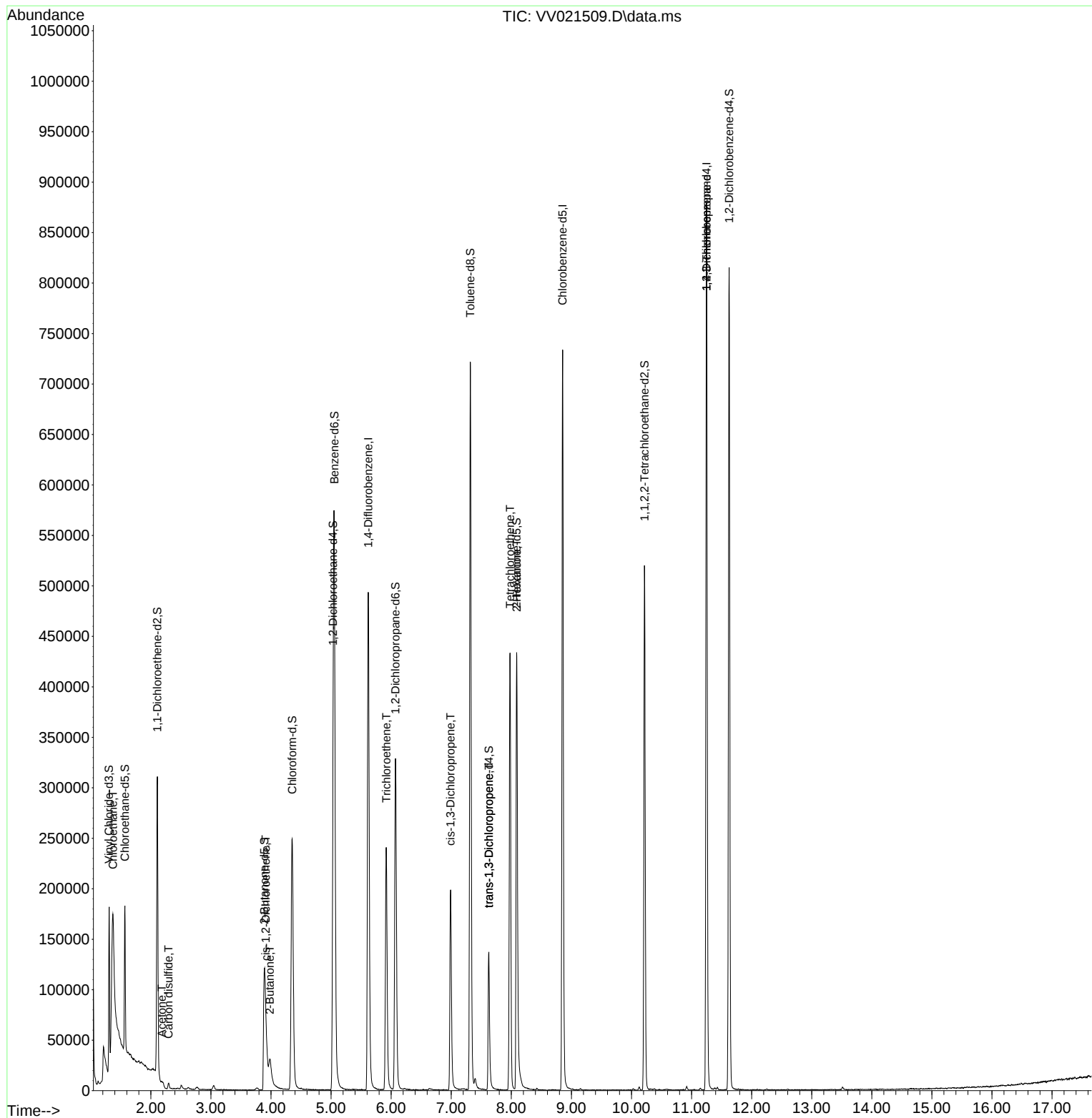
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	460243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	432047	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	246493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105140	34.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.400%		
7) Chloroethane-d5	1.568	69	88085	39.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.160%		
11) 1,1-Dichloroethene-d2	2.108	63	147316	28.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.900%#		
21) 2-Butanone-d5	3.889	46	218226	100.432	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.430%		
24) Chloroform-d	4.352	84	258920	42.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.840%		
26) 1,2-Dichloroethane-d4	5.034	65	159374	45.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
32) Benzene-d6	5.053	84	518027	42.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.720%		
36) 1,2-Dichloropropane-d6	6.072	67	166086	44.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.000%		
41) Toluene-d8	7.317	98	489162	42.480	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.960%		
43) trans-1,3-Dichloroprop...	7.625	79	82315	41.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.420%		
47) 2-Hexanone-d5	8.088	63	165383	96.494	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.490%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	248293	47.922	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.840%		
66) 1,2-Dichlorobenzene-d4	11.625	152	230338	44.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
Target Compounds						Qvalue
8) Chloroethane	1.368	64	454201	244.931	ug/L #	51
13) Acetone	2.182	43	6257	3.347	ug/L #	92
14) Carbon disulfide	2.294	76	7341	0.862	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	2177	0.631	ug/L	97
22) 2-Butanone	3.982	43	54269	22.914	ug/L	97
34) Trichloroethene	5.918	95	83336	24.792	ug/L	95
39) cis-1,3-Dichloropropene	6.989	75	5036	0.950	ug/L #	63
44) trans-1,3-Dichloropropene	7.625	75	3289	0.656	ug/L	96
46) Tetrachloroethene	7.979	164	107746	34.865	ug/L	98
48) 2-Hexanone	8.092	43	15720	4.794	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	23079	5.959	ug/L #	62

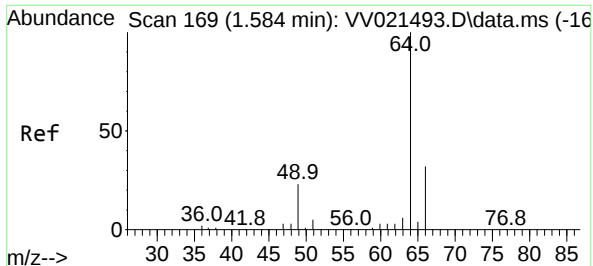
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 05 03:34:55 2021
Response via : Initial Calibration

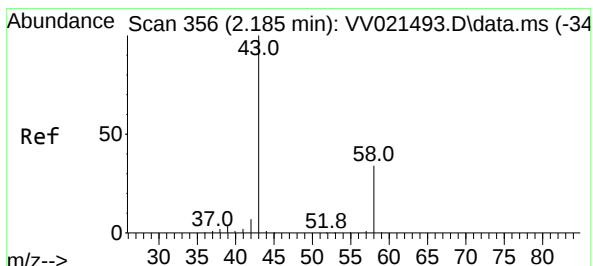
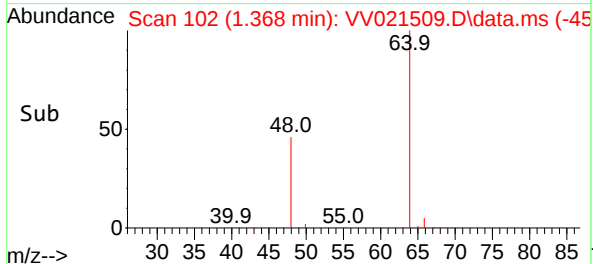
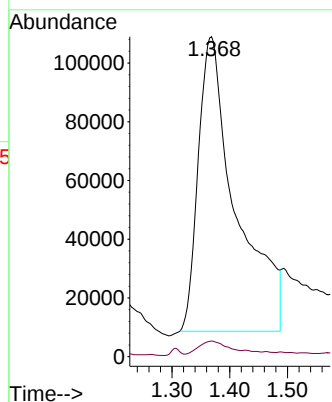
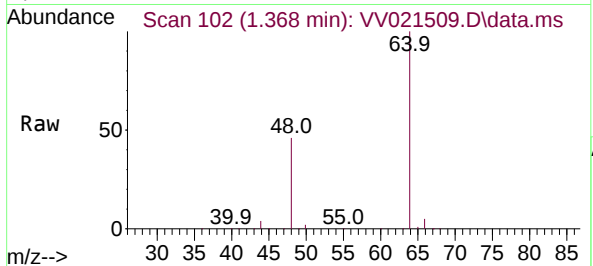




#8
Chloroethane
Concen: 244.931 ug/L
RT: 1.368 min Scan# 102
Delta R.T. -0.216 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

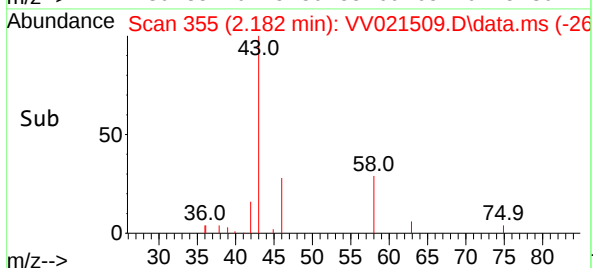
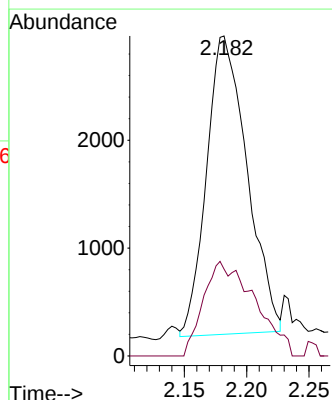
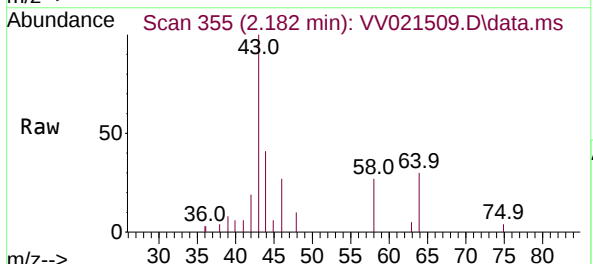
Instrument :
MSVOA_V
ClientSampleId :

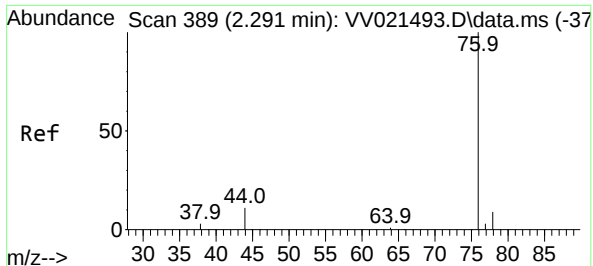
Tgt Ion: 64 Resp: 454201
Ion Ratio Lower Upper
64 100
66 4.9 22.5 41.9#



#13
Acetone
Concen: 3.347 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

Tgt Ion: 43 Resp: 6257
Ion Ratio Lower Upper
43 100
58 19.2 0.0 0.2#

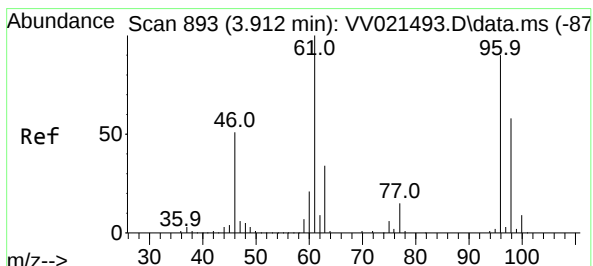
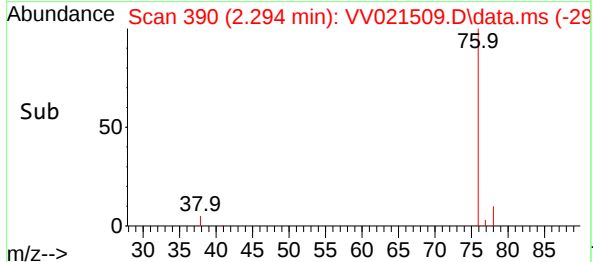
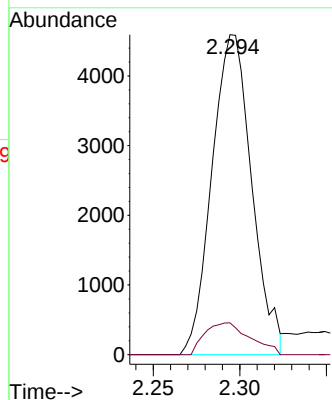
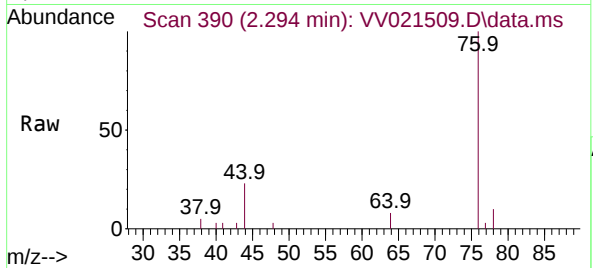




#14
Carbon disulfide
Concen: 0.862 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

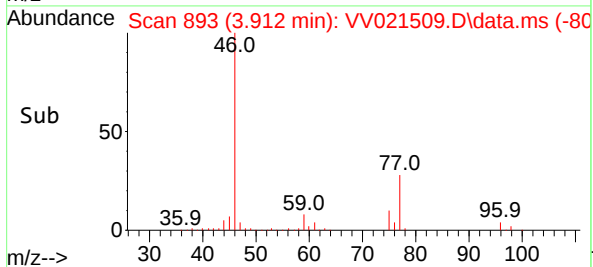
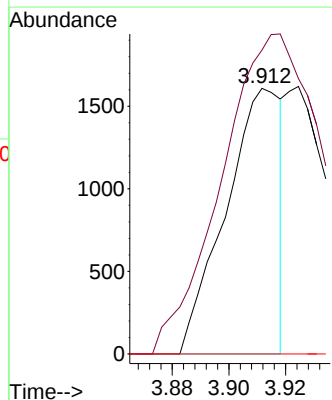
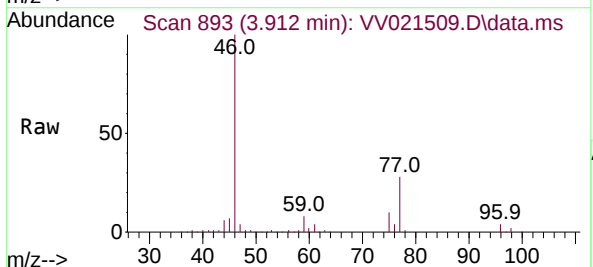
Instrument :
MSVOA_V
ClientSampled :

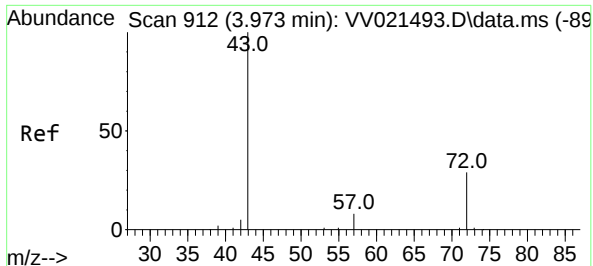
Tgt Ion: 76 Resp: 7341
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#20
cis-1,2-Dichloroethene
Concen: 0.631 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

Tgt Ion: 96 Resp: 2177
Ion Ratio Lower Upper
96 100
61 114.4 82.4 153.0
68 0.0 0.0 0.0

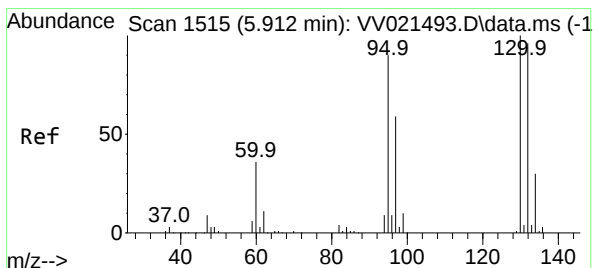
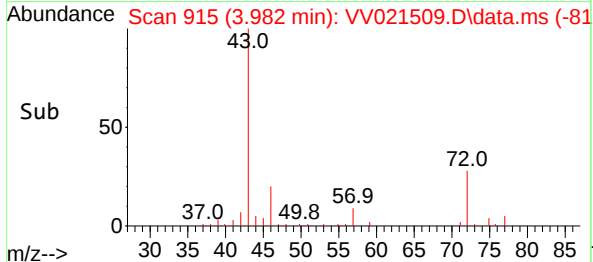
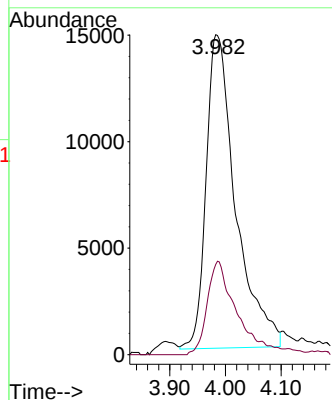
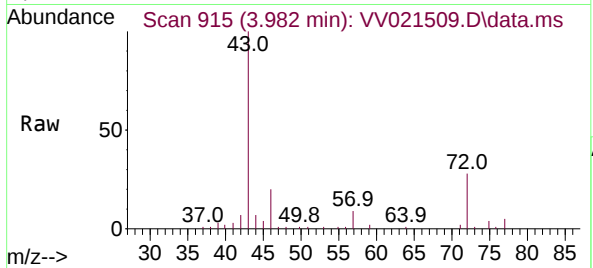




#22
2-Butanone
Concen: 22.914 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.010 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

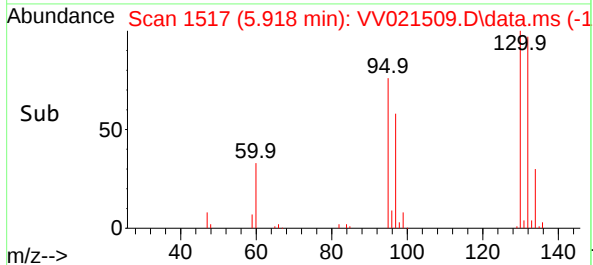
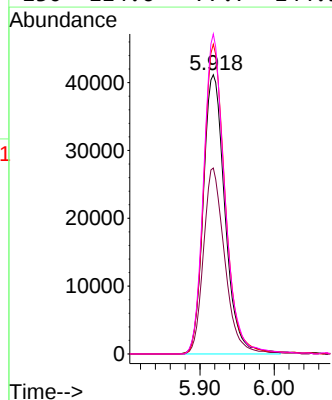
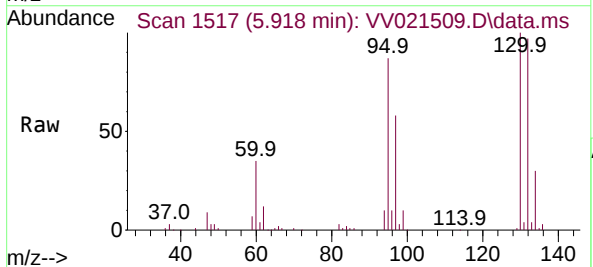
Instrument :
MSVOA_V
ClientSampled :

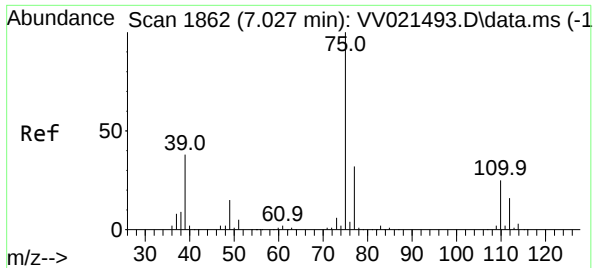
Tgt Ion: 43 Resp: 54269
Ion Ratio Lower Upper
43 100
72 27.5 13.1 39.1



#34
Trichloroethene
Concen: 24.792 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

Tgt Ion: 95 Resp: 83336
Ion Ratio Lower Upper
95 100
97 66.6 44.3 82.3
132 110.9 73.2 136.0
130 114.6 77.7 144.3



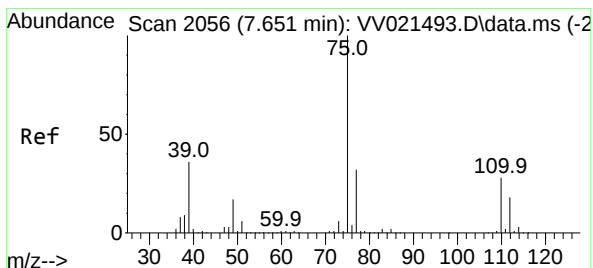
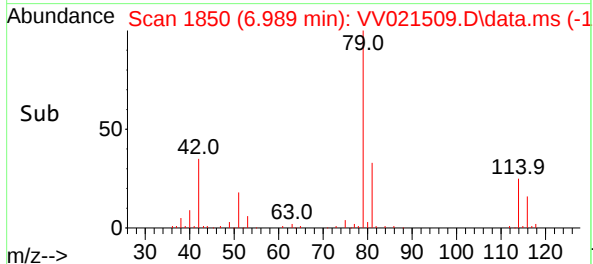
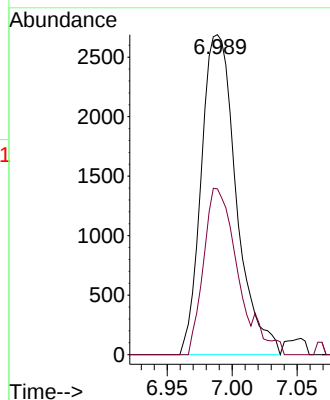
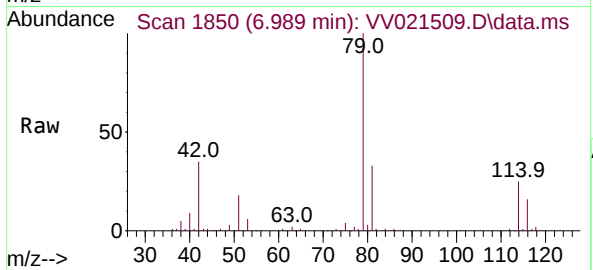


#39

cis-1,3-Dichloropropene
Concen: 0.950 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

Instrument :
MSVOA_V
ClientSampled :

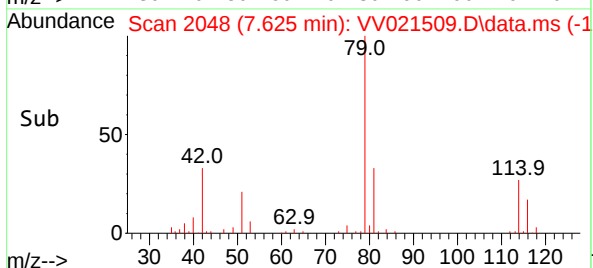
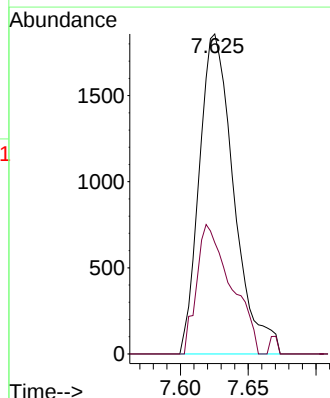
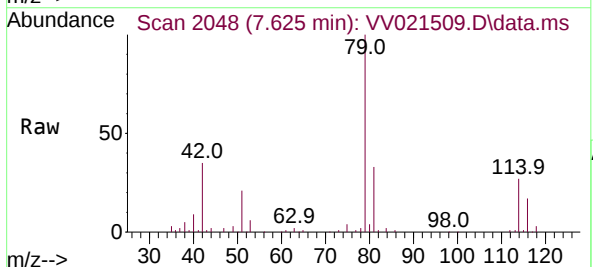
Tgt Ion: 75 Resp: 5036
Ion Ratio Lower Upper
75 100
77 51.8 22.0 41.0#

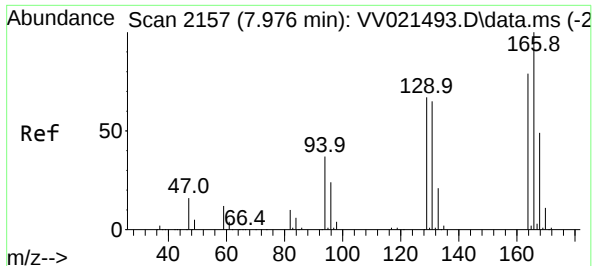


#44

trans-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

Tgt Ion: 75 Resp: 3289
Ion Ratio Lower Upper
75 100
77 34.8 22.9 42.5

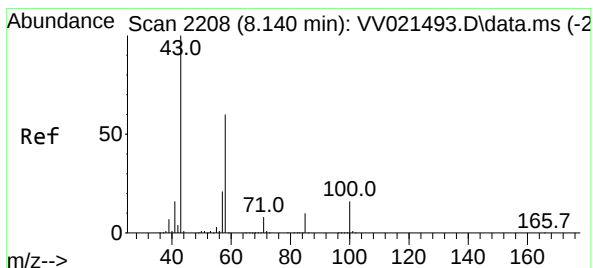
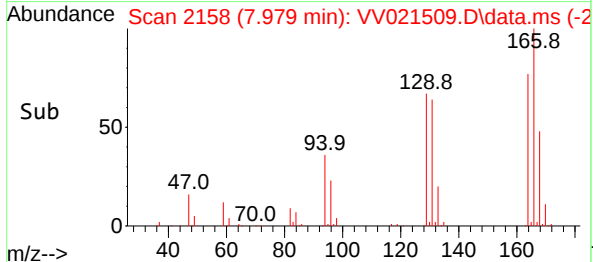
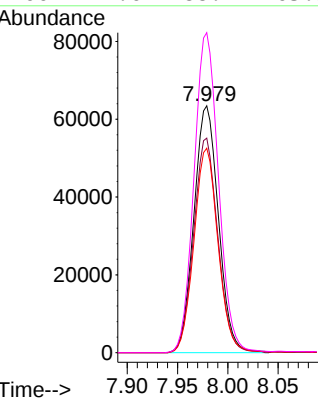
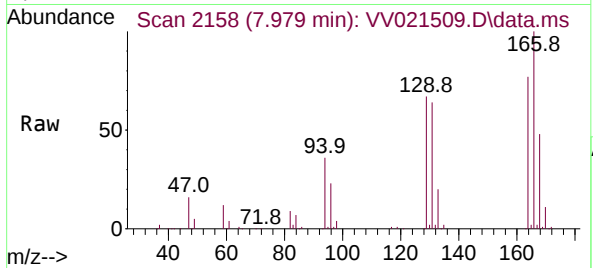




#46
Tetrachloroethene
Concen: 34.865 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

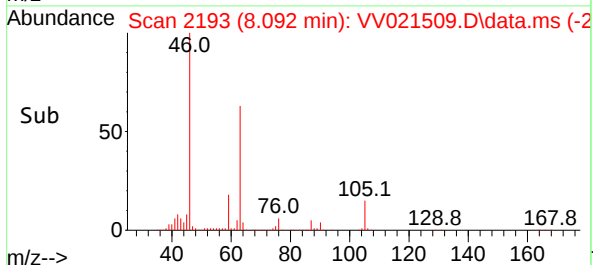
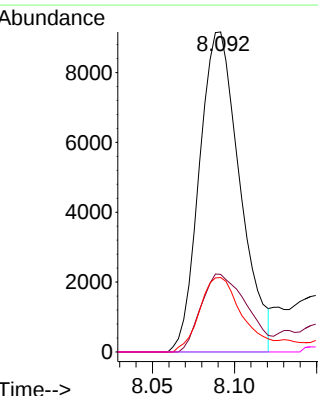
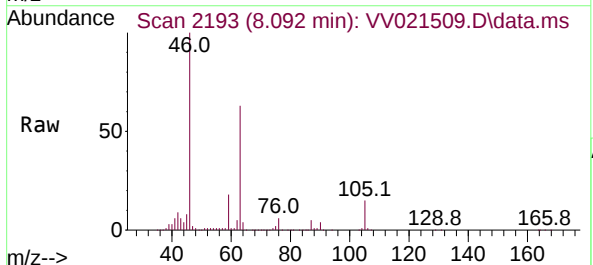
Instrument :
MSVOA_V
ClientSampled :

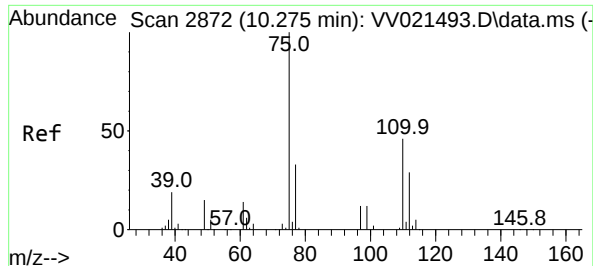
Tgt Ion:164 Resp: 107746
Ion Ratio Lower Upper
164 100
129 86.9 60.5 112.3
131 82.8 58.7 108.9
166 129.6 88.1 163.5



#48
2-Hexanone
Concen: 4.794 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV021509.D
Acq: 04 Jun 2021 16:06

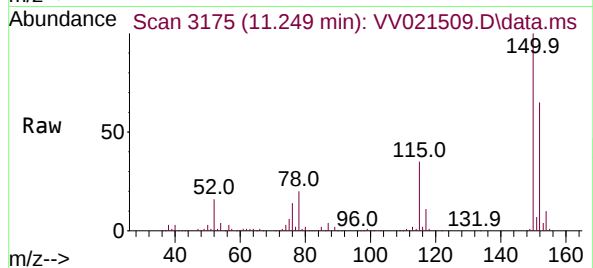
Tgt Ion: 43 Resp: 15720
Ion Ratio Lower Upper
43 100
58 27.9 47.1 70.7#
57 24.5 16.0 24.0#
100 0.0 11.9 17.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.959 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021509.D
 Acq: 04 Jun 2021 16:06

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	23079
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.9	38.9
110	2.3	34.8	52.2#

