

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060321\
 Data File : VV021490.D
 Acq On : 03 Jun 2021 16:22
 Operator : SY/MD
 Sample : M2605-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7J9

Quant Time: Jun 04 03:08:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 04 03:06:56 2021
 Response via : Initial Calibration

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

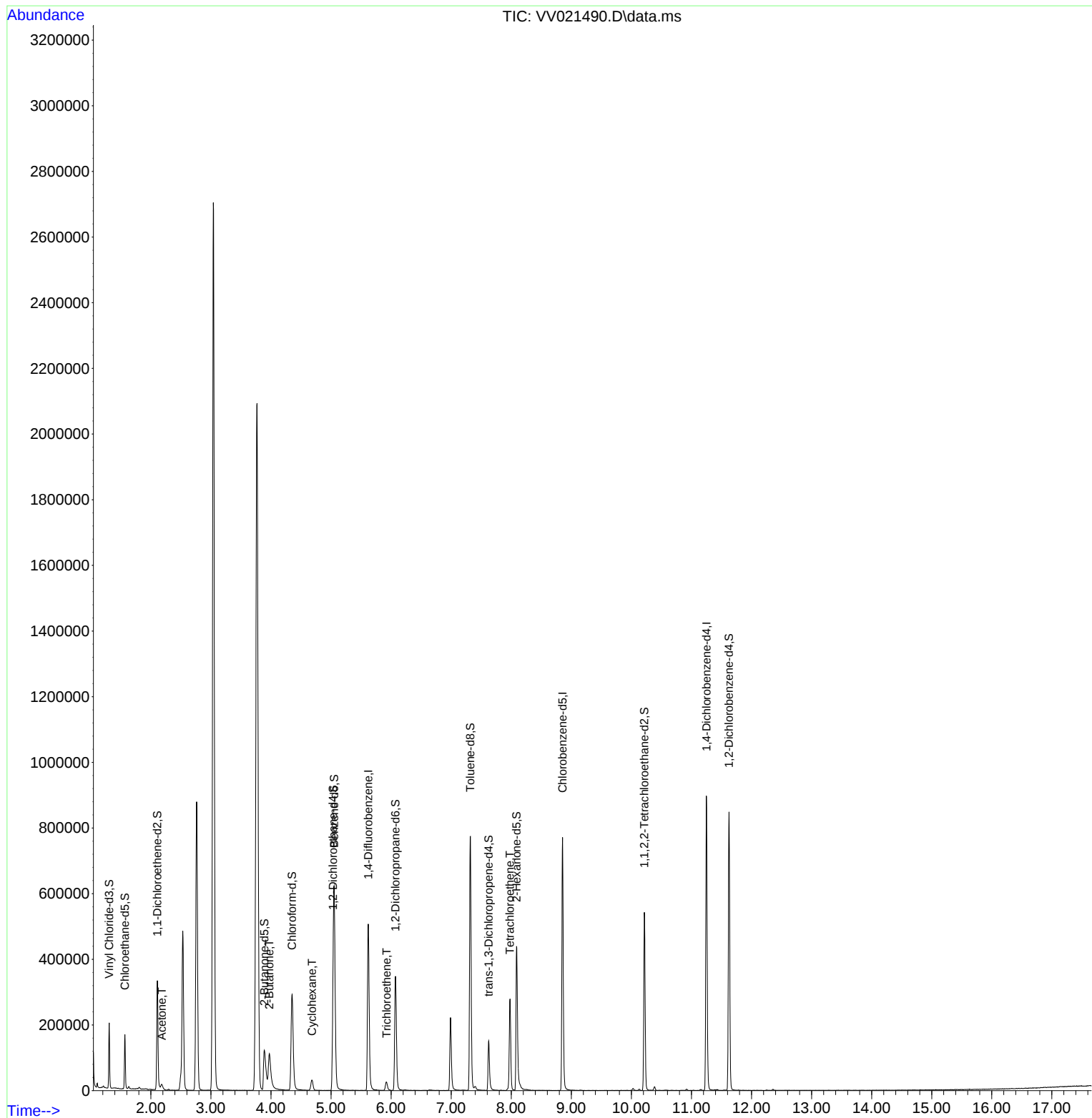
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	475512	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	447507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	255852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	122311	39.068	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.140%
7) Chloroethane-d5	1.568	69	100052	42.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.108	63	167001	31.218	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.440%
21) 2-Butanone-d5	3.889	46	224960	100.206	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.210%
24) Chloroform-d	4.352	84	274108	43.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
26) 1,2-Dichloroethane-d4	5.034	65	169586	47.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	5.053	84	562250	44.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
36) 1,2-Dichloropropane-d6	6.072	67	178472	46.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	7.320	98	534686	44.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	7.625	79	92527	44.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.440%
47) 2-Hexanone-d5	8.088	63	167437	94.318	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	254600	47.441	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	11.625	152	244686	46.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%
Target Compounds						
					Qvalue	
13) Acetone	2.182	43	23376	12.102	ug/L	# 85
22) 2-Butanone	3.973	43	204925	83.749	ug/L	97
29) Cyclohexane	4.683	56	18140	3.479	ug/L	98
34) Trichloroethene	5.928	95	7531	2.163	ug/L	93
46) Tetrachloroethene	7.979	164	68904	21.526	ug/L	98

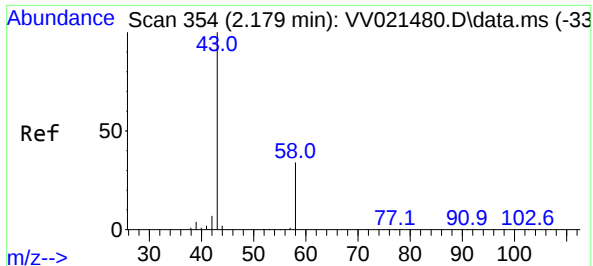
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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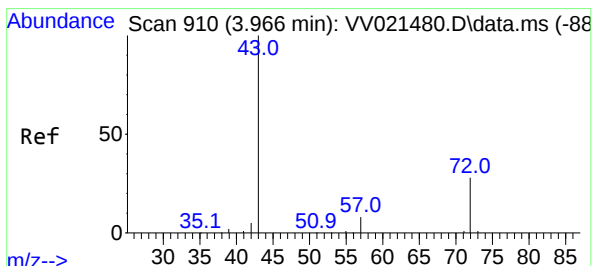
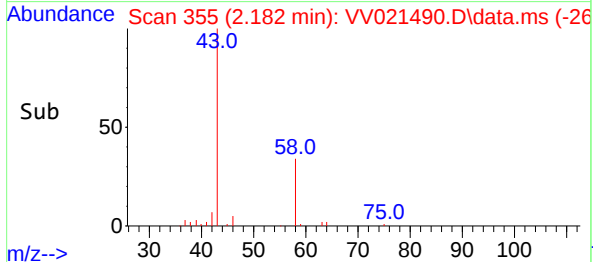
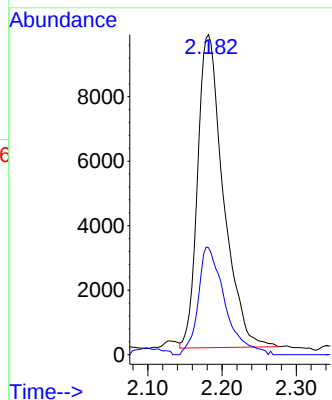
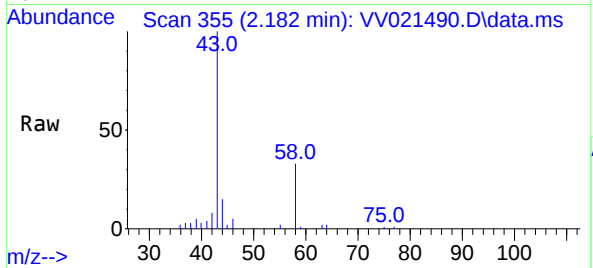




#13
Acetone
Concen: 12.102 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV021490.D
Acq: 03 Jun 2021 16:22

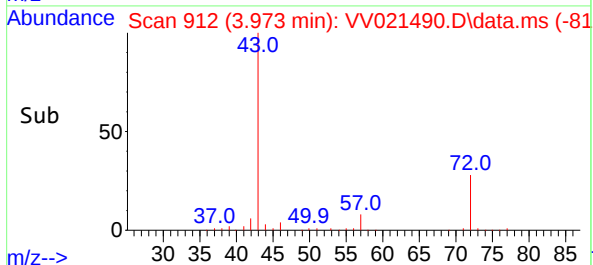
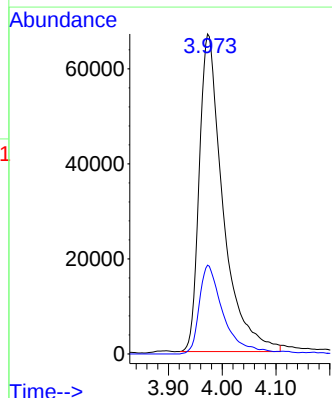
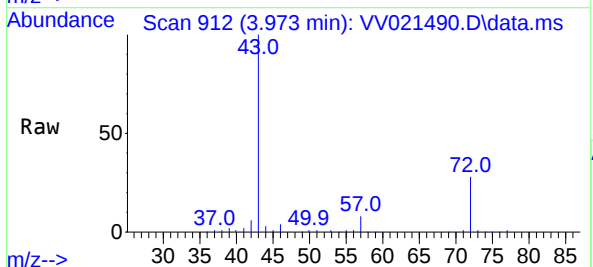
Instrument :
MSVOA_V
ClientSampled :
BG7J9

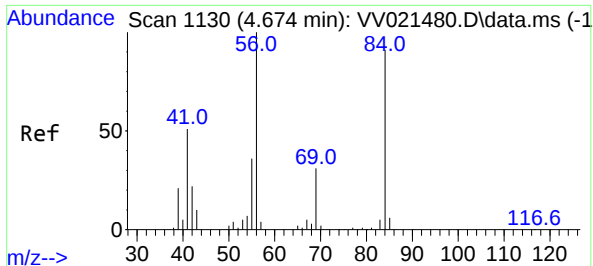
Tgt Ion: 43 Resp: 23376
Ion Ratio Lower Upper
43 100
58 35.5 0.0 0.2#



#22
2-Butanone
Concen: 83.749 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV021490.D
Acq: 03 Jun 2021 16:22

Tgt Ion: 43 Resp: 204925
Ion Ratio Lower Upper
43 100
72 27.7 13.1 39.1





#29

Cyclohexane

Concen: 3.479 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VV021490.D

Acq: 03 Jun 2021 16:22

Instrument :

MSVOA_V

ClientSampleId :

BG7J9

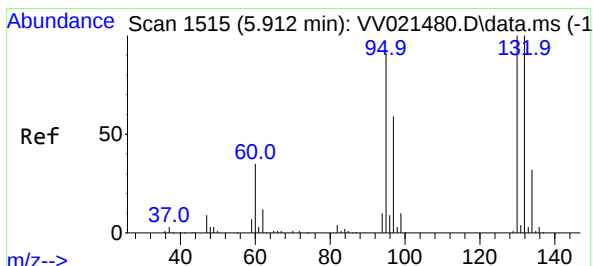
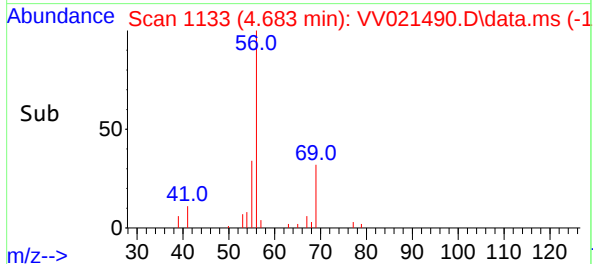
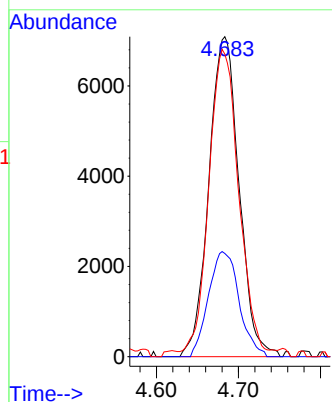
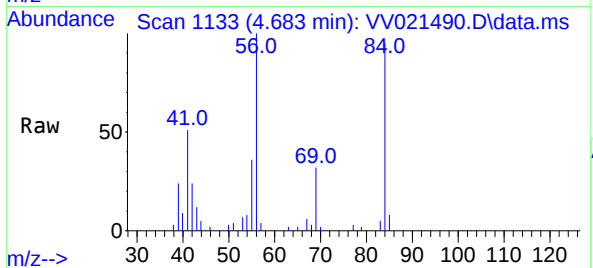
Tgt Ion: 56 Resp: 18140

Ion Ratio Lower Upper

56 100

69 33.3 24.9 37.3

84 93.0 73.7 110.5



#34

Trichloroethene

Concen: 2.163 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV021490.D

Acq: 03 Jun 2021 16:22

Tgt Ion: 95 Resp: 7531

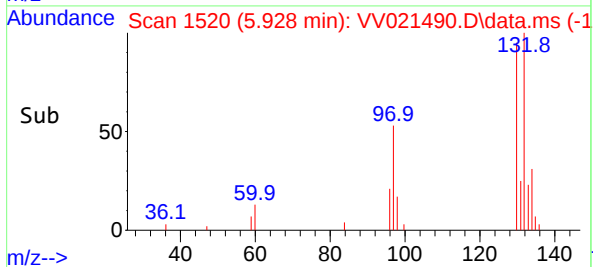
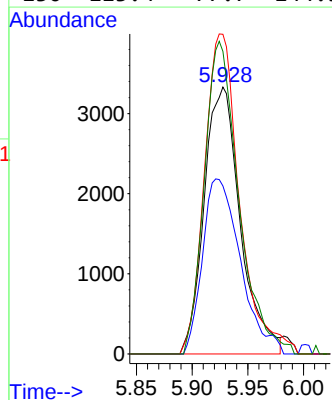
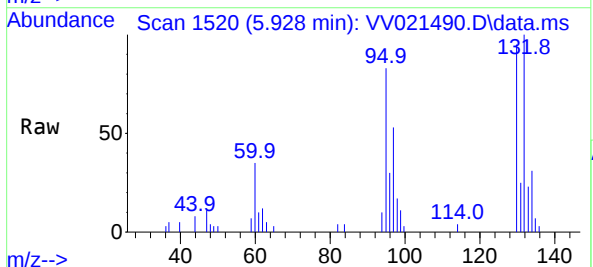
Ion Ratio Lower Upper

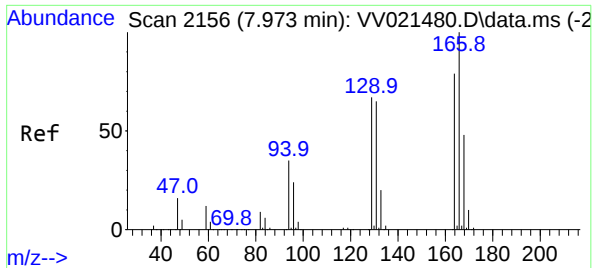
95 100

97 63.0 44.3 82.3

132 119.8 73.2 136.0

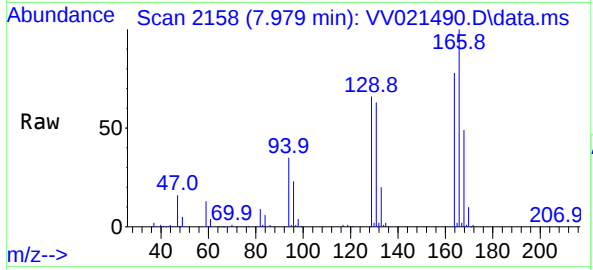
130 113.4 77.7 144.3





#46
Tetrachloroethene
Concen: 21.526 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV021490.D
Acq: 03 Jun 2021 16:22

Instrument :
MSVOA_V
ClientSampleId :
BG7J9



Tgt Ion:164 Resp: 68904

Ion	Ratio	Lower	Upper
164	100		
129	84.2	60.5	112.3
131	80.7	58.7	108.9
166	127.9	88.1	163.5

