

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020221\
 Data File : VV020242.D
 Acq On : 02 Feb 2021 16:54
 Operator : SY/MD
 Sample : M1258-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG522

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:34:15 AM

Quant Time: Feb 03 02:30:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 02:27:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	721803	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	699456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	369724	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	178049	35.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.04%		
7) Chloroethane-d5	1.569	69	141403	36.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.34%		
11) 1,1-Dichloroethene-d2	2.110	63	253773	34.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.48%		
21) 2-Butanone-d5	3.891	46	264791	83.70	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.70%		
24) Chloroform-d	4.354	84	403706	44.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.42%		
26) 1,2-Dichloroethane-d4	5.035	65	260548	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.24%		
32) Benzene-d6	5.055	84	818603	45.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.44%		
36) 1,2-Dichloropropane-d6	6.074	67	247970	44.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.92%		
41) Toluene-d8	7.318	98	780231	46.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.58%		
43) trans-1,3-Dichloroprop...	7.624	79	119602	43.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.52%		
47) 2-Hexanone-d5	8.090	63	203151	82.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.45%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	350813	46.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.64%		
64) 1,2-Dichlorobenzene-d4	11.630	152	369395	52.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.38%		
Target Compounds						
5) Vinyl chloride	1.312	62	6175	1.17	ug/L	# 53
13) Acetone	2.187	43	12774	7.01	ug/L	81
22) 2-Butanone	4.013	43	13331m	3.84	ug/L	
46) Tetrachloroethene	7.984	164	8973	2.08	ug/L	85

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

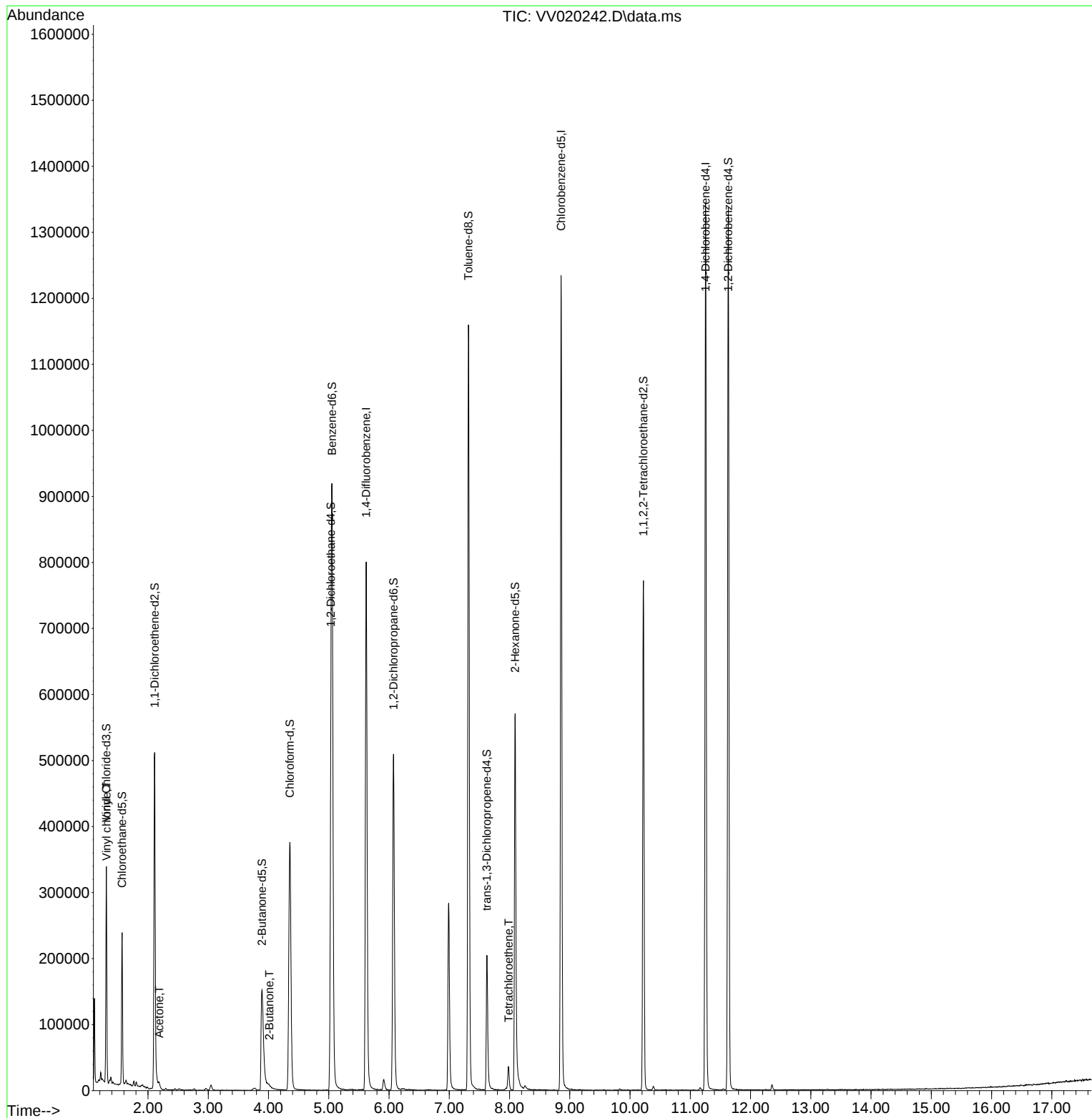
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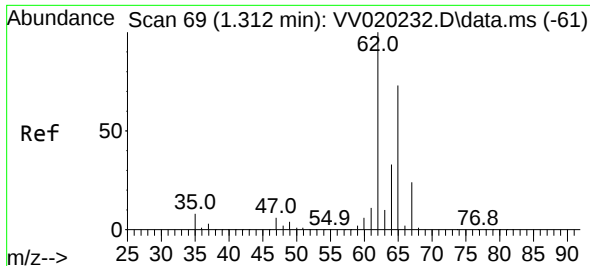
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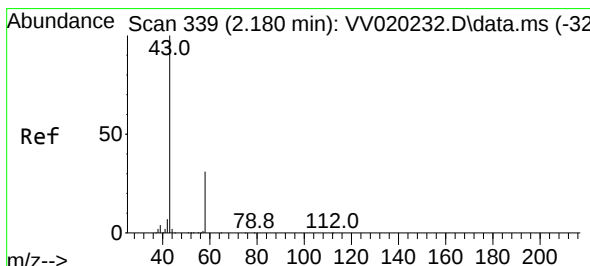
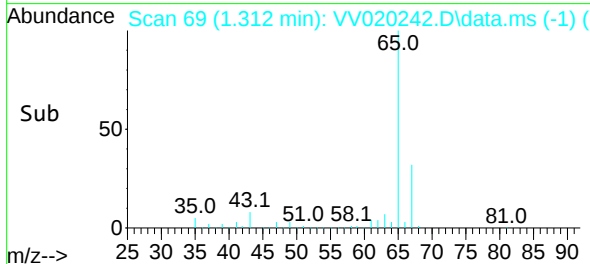
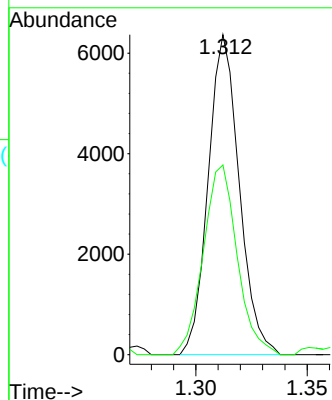
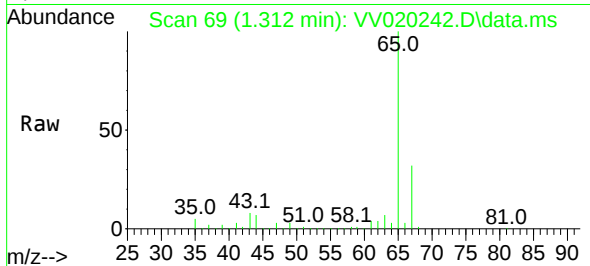
#5
 Vinyl chloride
 Concen: 1.17 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020242.D
 Acq: 02 Feb 2021 16:54

Tgt Ion: 62 Resp: 6175
 Ion Ratio Lower Upper
 62 100
 64 59.3 23.0 42.6#

Instrument :
 MSVOA_V
 ClientSampled :
 BG522

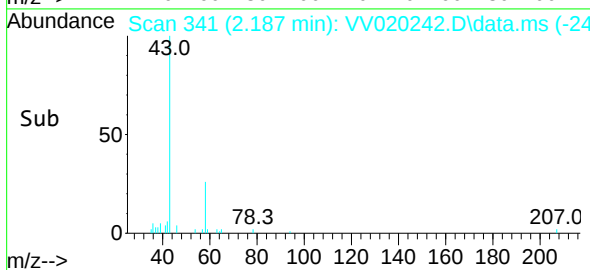
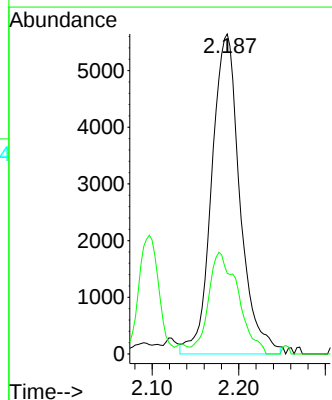
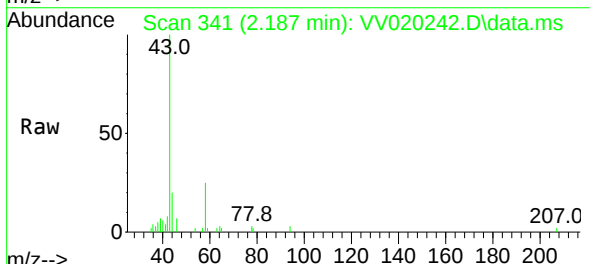
Manual Integrations
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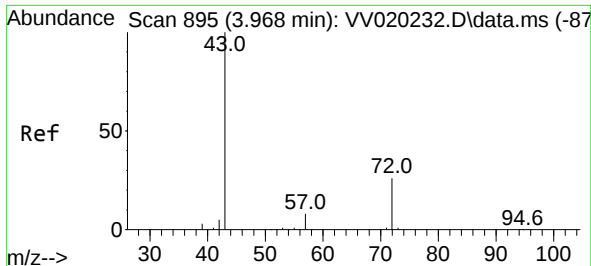
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#13
 Acetone
 Concen: 7.01 ug/L
 RT: 2.187 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VV020242.D
 Acq: 02 Feb 2021 16:54

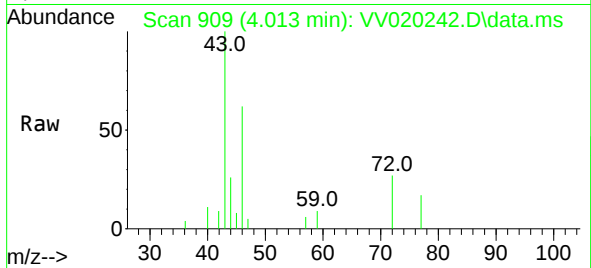
Tgt Ion: 43 Resp: 12774
 Ion Ratio Lower Upper
 43 100
 58 19.9 0.0 60.2





#22
2-Butanone
Concen: 3.84 ug/L m
RT: 4.013 min Scan# 909
Delta R.T. 0.045 min
Lab File: VV020242.D
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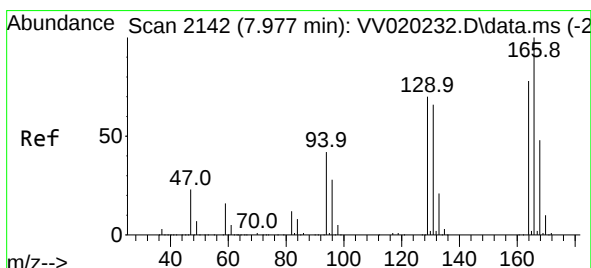
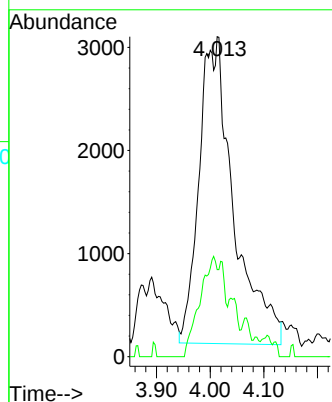
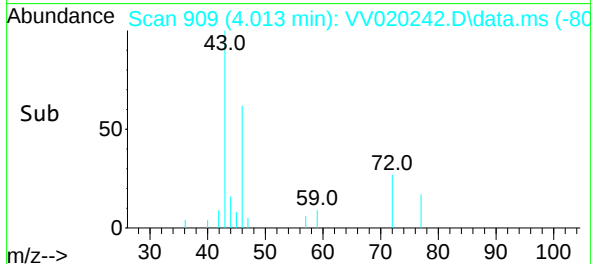
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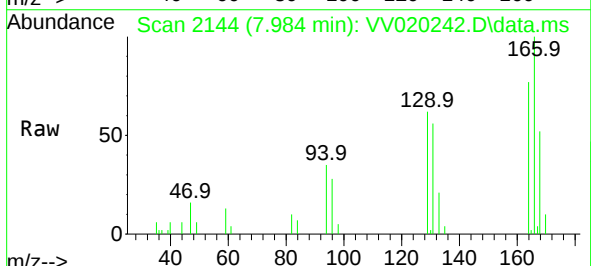
Tgt Ion: 43 Resp: 13331
Ion Ratio Lower Upper
43 100
72 8.4 12.2 36.6#

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#46
Tetrachloroethene
Concen: 2.08 ug/L
RT: 7.984 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VV020242.D
Acq: 02 Feb 2021 16:54



Tgt Ion: 164 Resp: 8973
Ion Ratio Lower Upper
164 100
129 80.4 70.6 131.0
131 73.2 66.8 124.0
166 130.6 88.2 163.8

