

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018471.D
 Acq On : 25 Sep 2020 21:10
 Operator : SY/MD
 Sample : L4149-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R5

Quant Time: Sep 26 02:57:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372065	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126386	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.58	69	105906	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.12	63	178595	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	3.92	46	161158	86.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.83%
24) Chloroform-d	4.38	84	222341	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.06	65	147136	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.08	84	469040	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.09	67	147920	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.24%
41) Toluene-d8	7.34	98	425123	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.64	79	71295	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.11	63	94194	77.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166976	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	174064	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

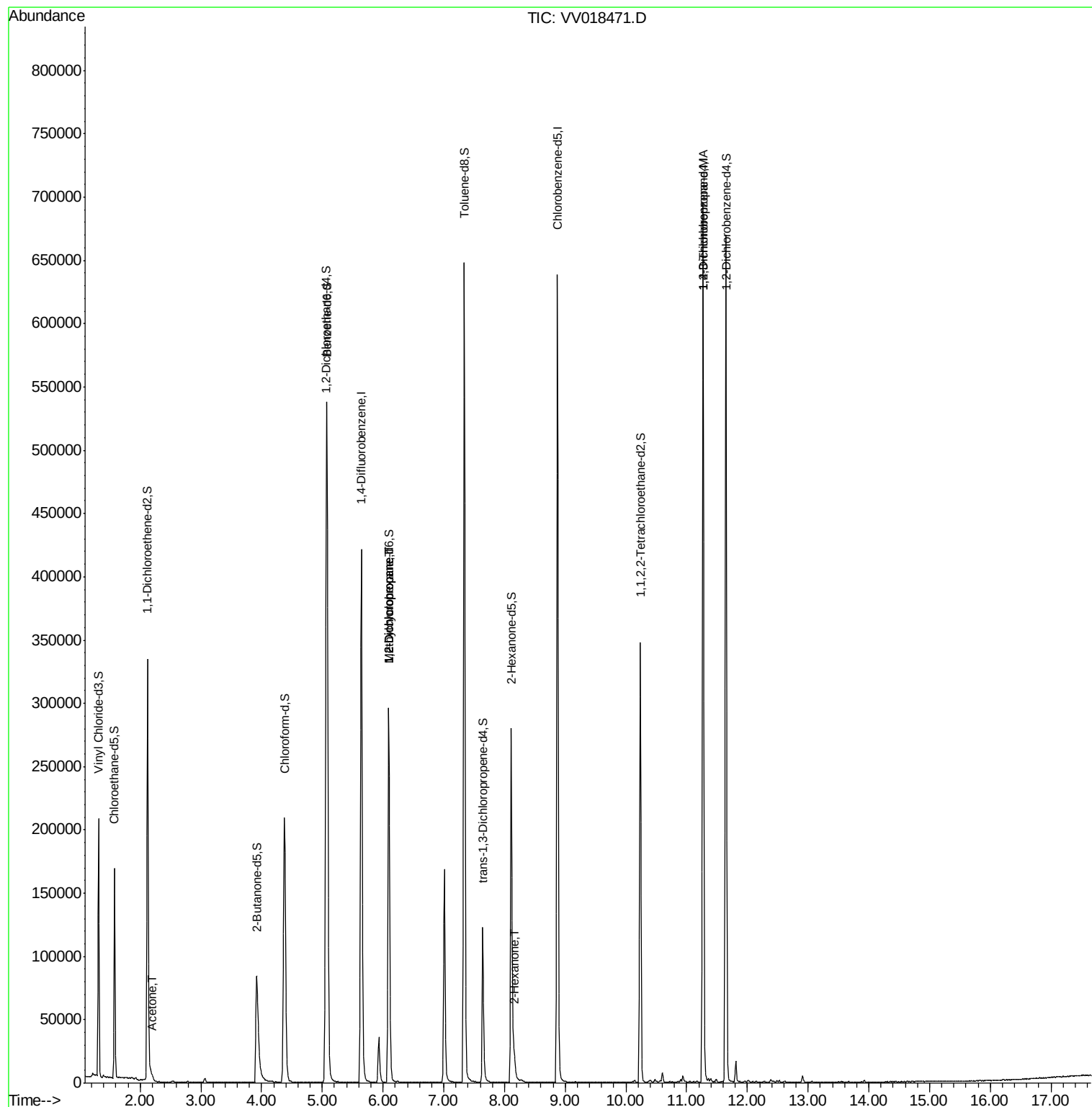
					Ovalue
13) Acetone	2.21	43	5178	3.484 ug/L	97
35) Methylcyclohexane	6.10	83	35591	8.607 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	15452	5.784 ug/L #	87
48) 2-Hexanone	8.16	43	11432	4.474 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	19982	6.359 ug/L	93

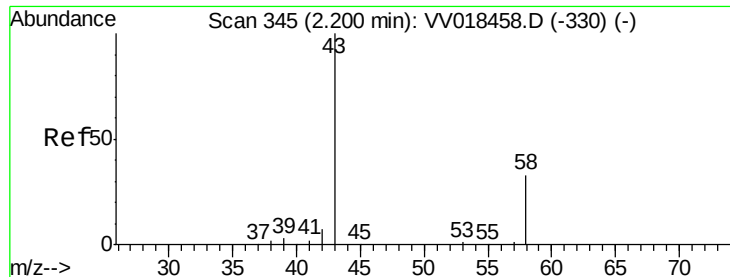
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.484 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV018471.D

Acq: 25 Sep 2020 21:10

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MSVOA_V

ClientSampleId :

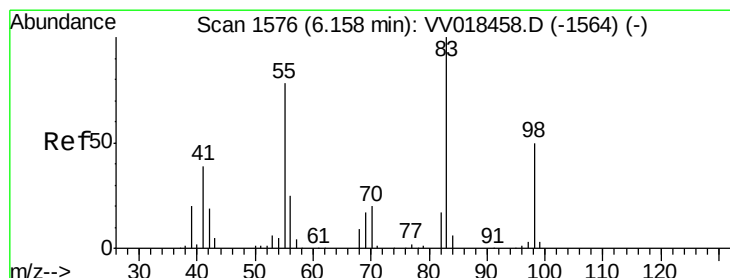
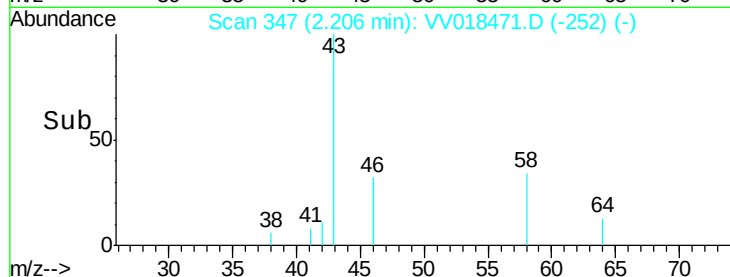
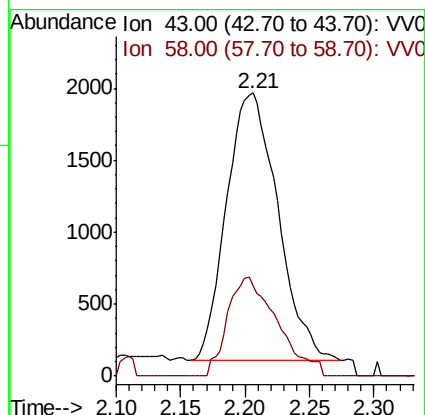
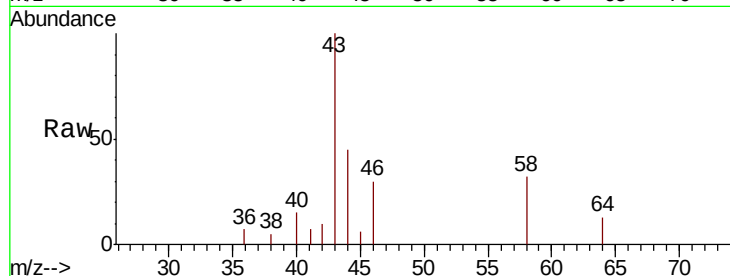
BG3R5

Tot Ion: 43 Resp: 5178

Ion Ratio Lower Upper

43 100

58 35.1 0.0 67.4



#35

Methylcyclohexane

Concen: 8.607 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018471.D

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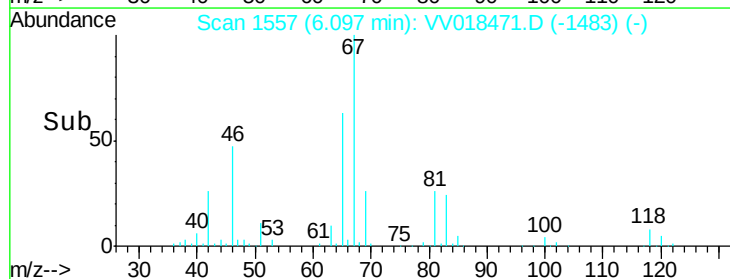
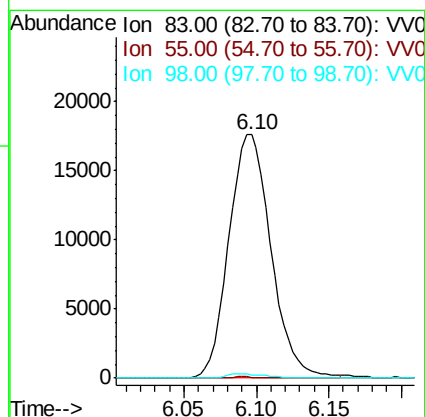
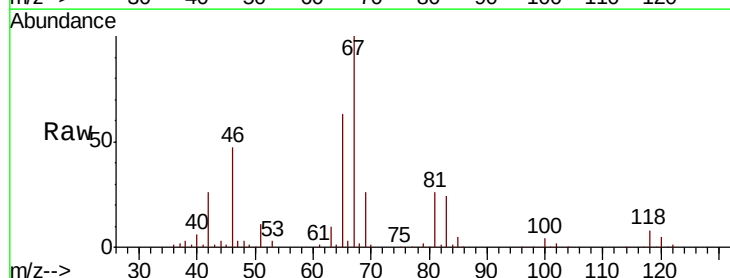
Tgt Ion: 83 Resp: 35591

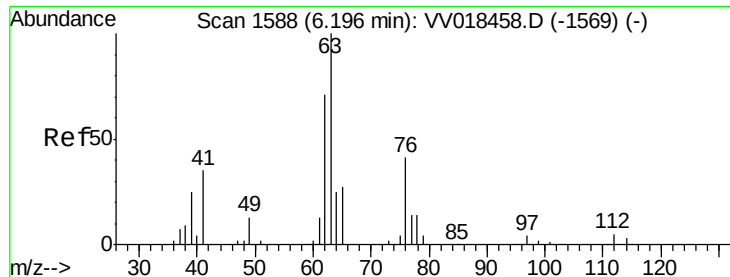
Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

98 1.5 38.8 58.2#

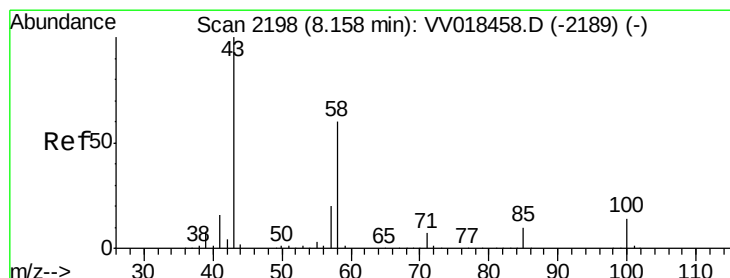
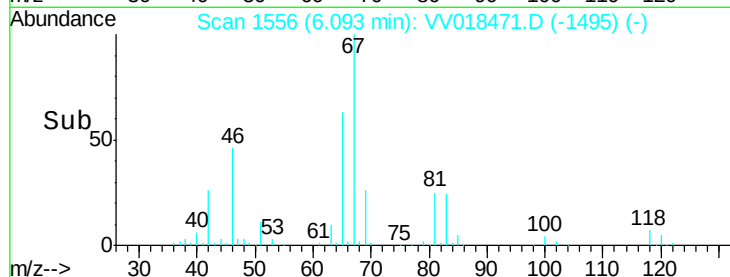
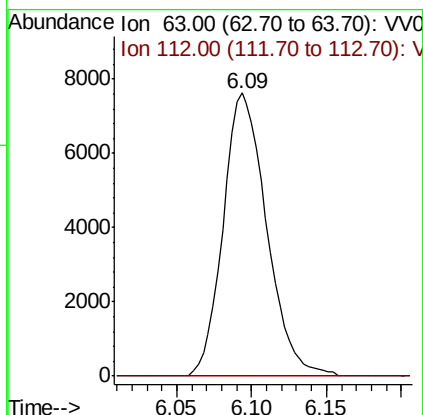
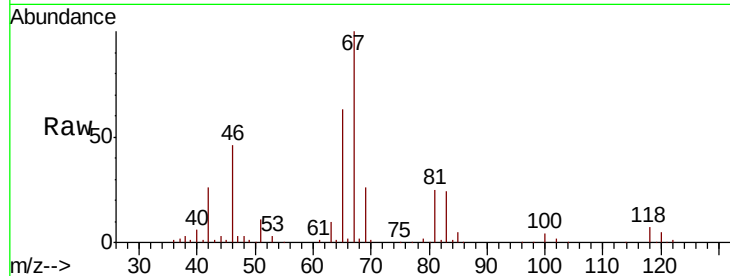




#37
 1,2-Dichloropropane
 Concen: 5.784 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018471.D
 Acq: 25 Sep 2020 21:10

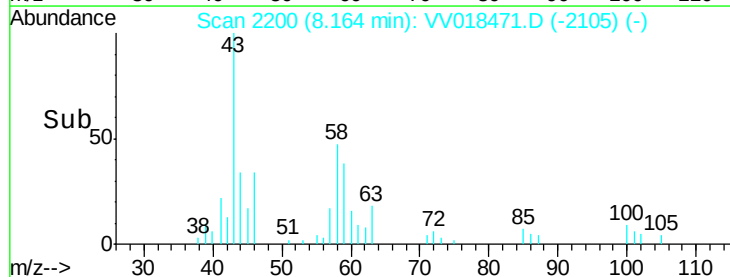
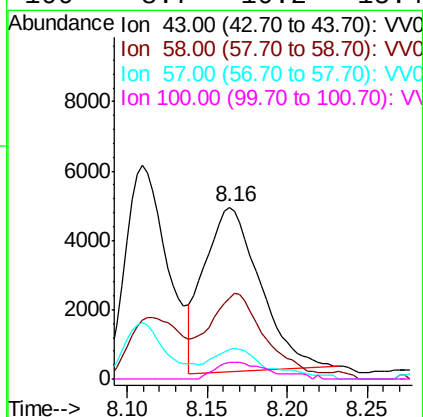
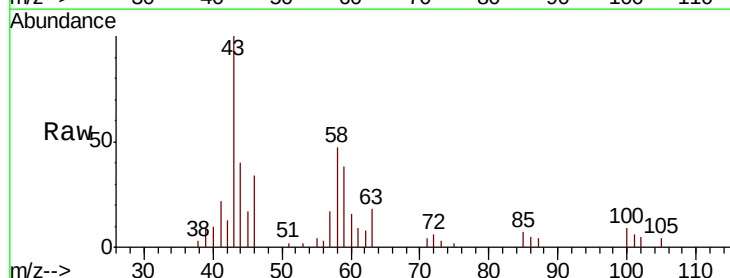
Instrument :
 MSVOA_V
 ClientSampled :
 BG3R5

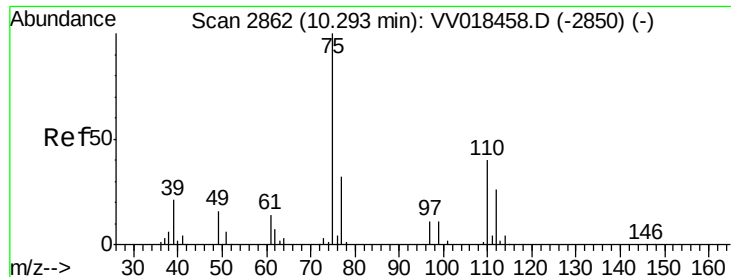
Tot Ion: 63 Resp: 15452
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 4.474 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018471.D
 Acq: 25 Sep 2020 21:10

Tgt Ion: 43 Resp: 11432
 Ion Ratio Lower Upper
 43 100
 58 42.5 44.8 67.2#
 57 14.8 15.8 23.6#
 100 8.7 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.359 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018471.D

Acq: 25 Sep 2020 21:10

Instrument :

MSVOA_V

ClientSampleId :

BG3R5

Tot Ion: 75 Resp: 19982

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

