

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018538.D
 Acq On : 30 Sep 2020 00:11
 Operator : SY/MD
 Sample : L4149-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R9

Quant Time: Sep 30 04:53:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	377883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103302	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.58	69	95567	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.10%
11) 1,1-Dichloroethene-d2	2.12	63	164554	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	3.92	46	167028	97.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.94%
24) Chloroform-d	4.38	84	226007	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.06	65	151147	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
32) Benzene-d6	5.07	84	462188	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.09	67	145175	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.34	98	424130	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.64	79	68527	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.11	63	91986	83.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166524	43.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	183492	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds

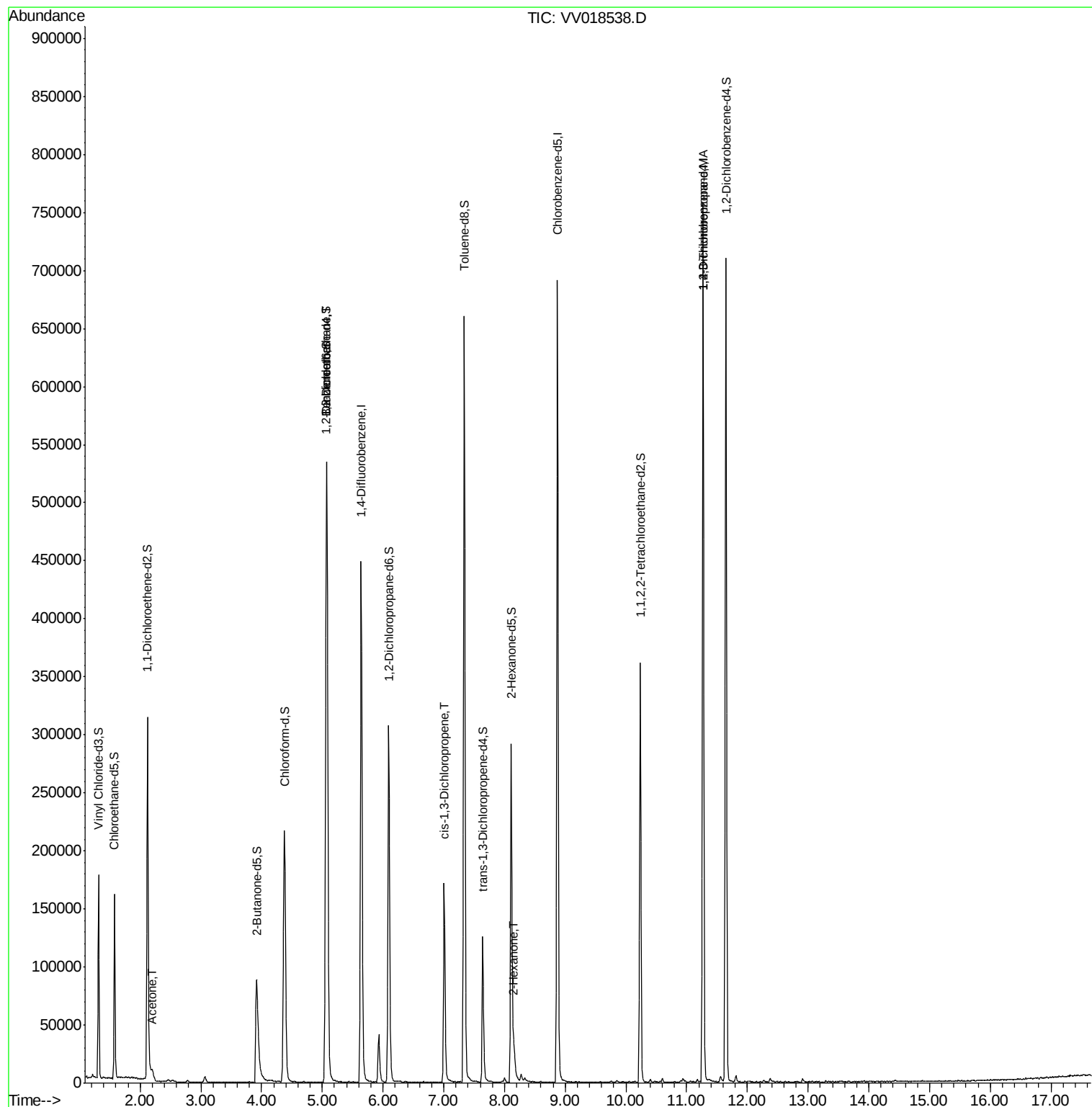
					Ovalue
13) Acetone	2.20	43	15905	10.794	ug/L 72
27) 1,2-Dichloroethane	5.07	62	2942	0.733	ug/L 99
39) cis-1,3-Dichloropropene	7.01	75	4294	0.961	ug/L # 76
48) 2-Hexanone	8.16	43	16307	5.687	ug/L # 74
59) 1,2,3-Trichloropropane	11.27	75	21524	6.213	ug/L # 88

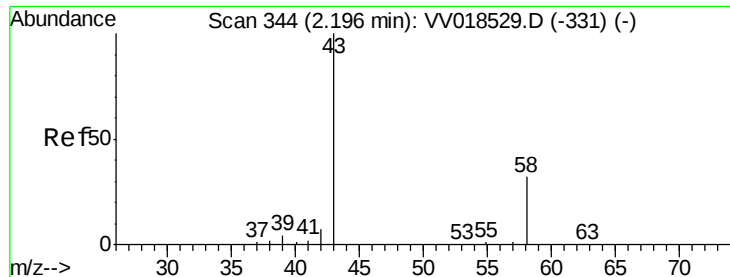
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.794 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV018538.D

Acq: 30 Sep 2020 00:11

Instrument :

MSVOA_V

ClientSampleId :

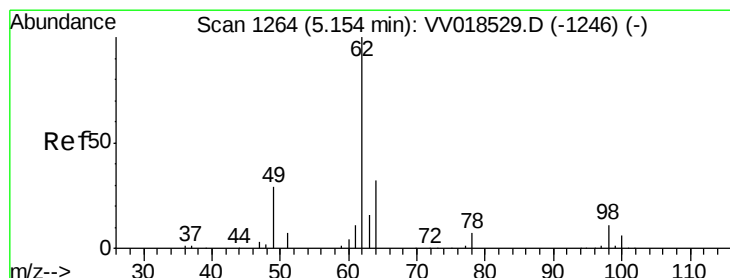
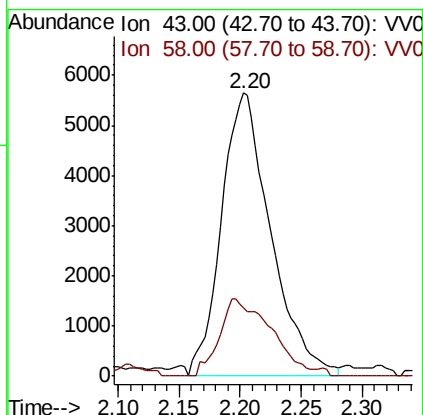
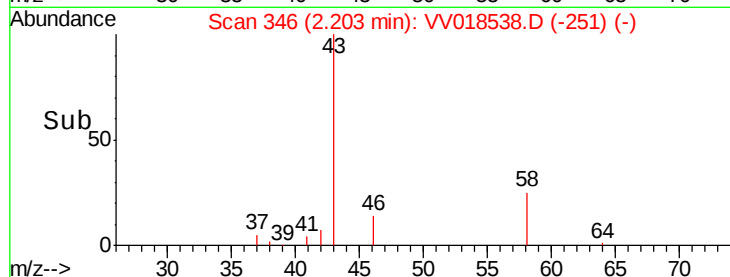
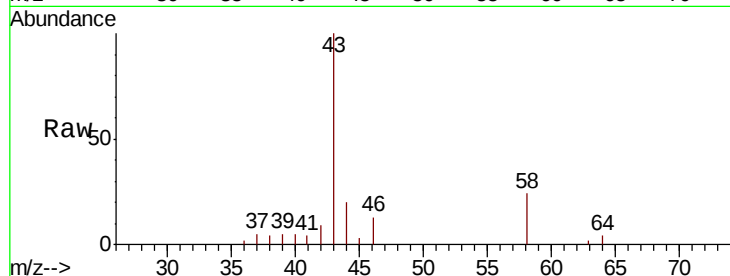
BG3R9

Tot Ion: 43 Resp: 15905

Ion Ratio Lower Upper

43 100

58 16.6 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.733 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018538.D

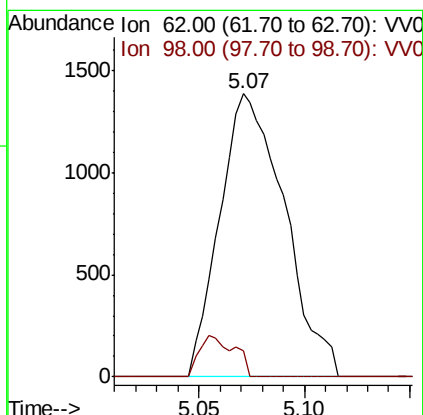
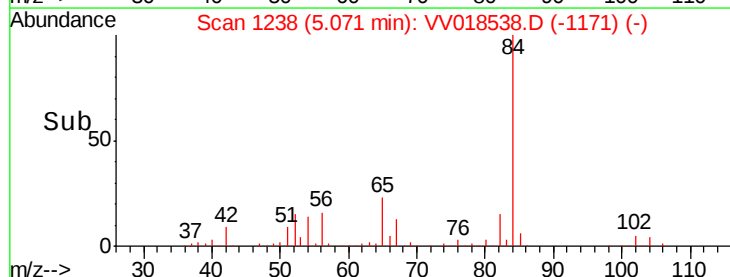
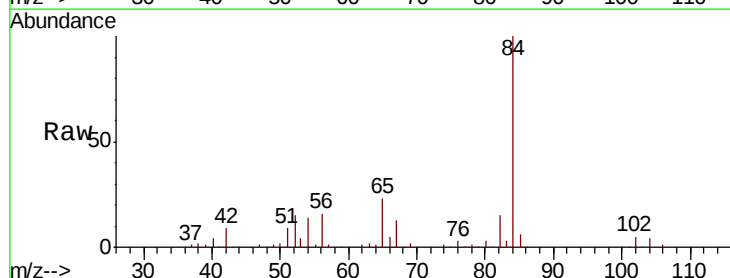
Acq: 30 Sep 2020 00:11

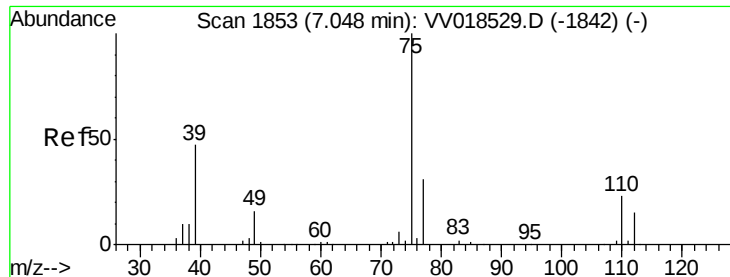
Tgt Ion: 62 Resp: 2942

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5

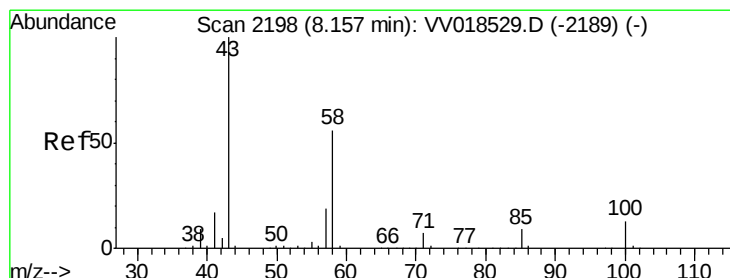
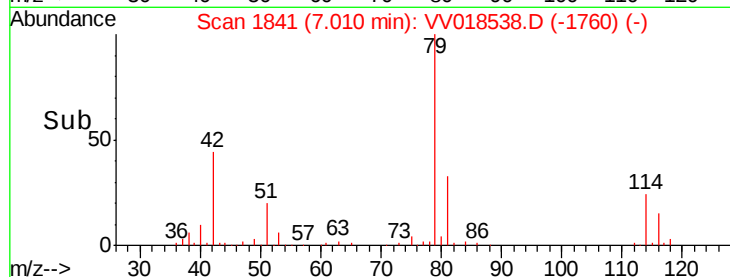
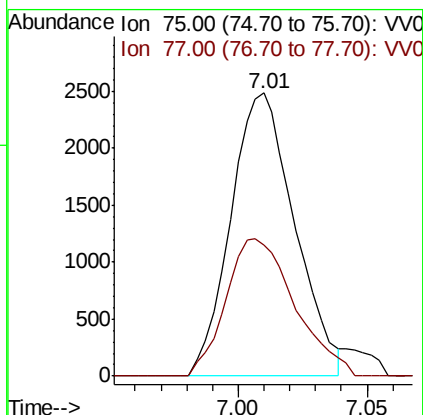
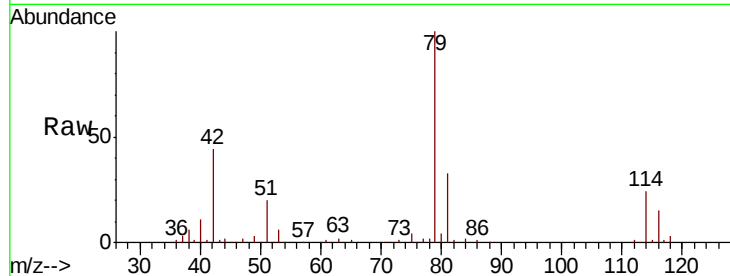




#39
 cis-1,3-Dichloropropene
 Concen: 0.961 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018538.D
 Acq: 30 Sep 2020 00:11

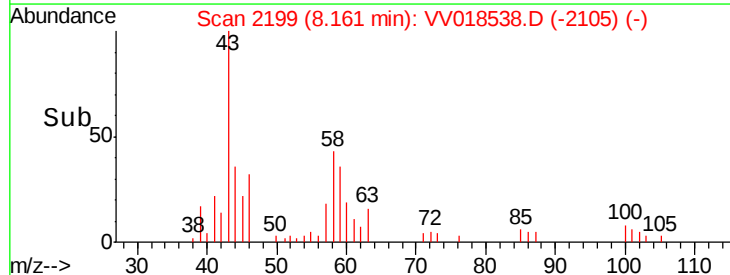
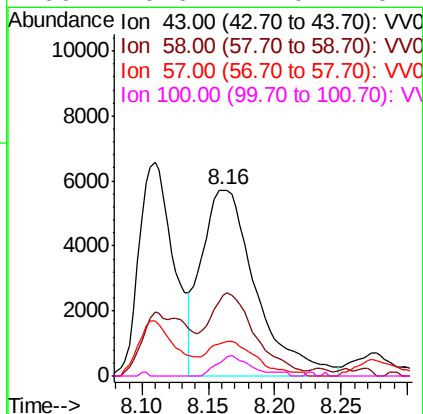
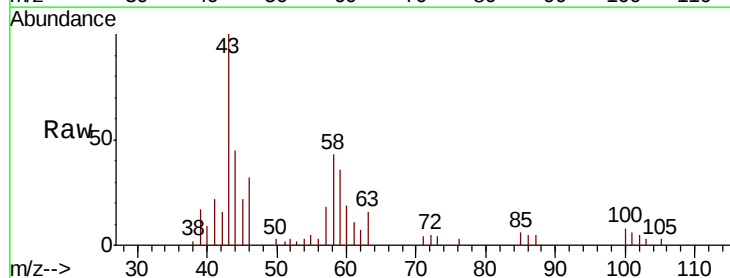
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 MSVOA_V
 ClientSampled :
 BG3R9

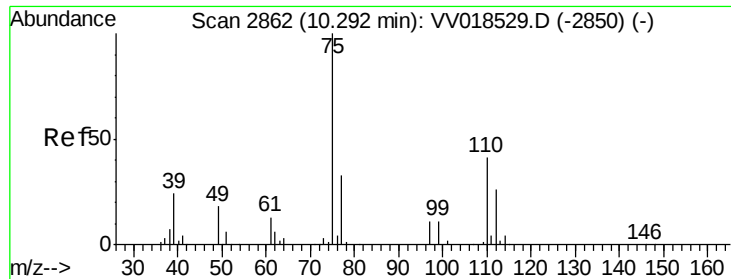
Tot Ion: 75 Resp: 4294
 Ion Ratio Lower Upper
 75 100
 77 46.3 23.0 42.6#



#48
 2-Hexanone
 Concen: 5.687 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018538.D
 Acq: 30 Sep 2020 00:11

Tgt Ion: 43 Resp: 16307
 Ion Ratio Lower Upper
 43 100
 58 32.2 45.1 67.7#
 57 14.7 15.7 23.5#
 100 6.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.213 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018538.D

Acq: 30 Sep 2020 00:11

Instrument :

MSVOA_V

ClientSampleId :

BG3R9

Tot Ion: 75 Resp: 21524

Ion Ratio Lower Upper

75 100

77 38.3 25.4 38.0#

