

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110220\
 Data File : VV019202.D
 Acq On : 02 Nov 2020 14:25
 Operator : SY/MD
 Sample : L4543-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG461

Quant Time: Nov 03 03:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 03:19:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	240971	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	234182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78289	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.58	69	65069	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.48%
11) 1,1-Dichloroethene-d2	2.12	63	120533	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	3.90	46	109410	93.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	4.38	84	158735	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.06	65	115088	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
32) Benzene-d6	5.07	84	303336	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.09	67	93293	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.34	98	281094	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%
43) trans-1,3-Dichloropropene-	7.64	79	51098	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.11	63	75052	87.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	119477	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	122958	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

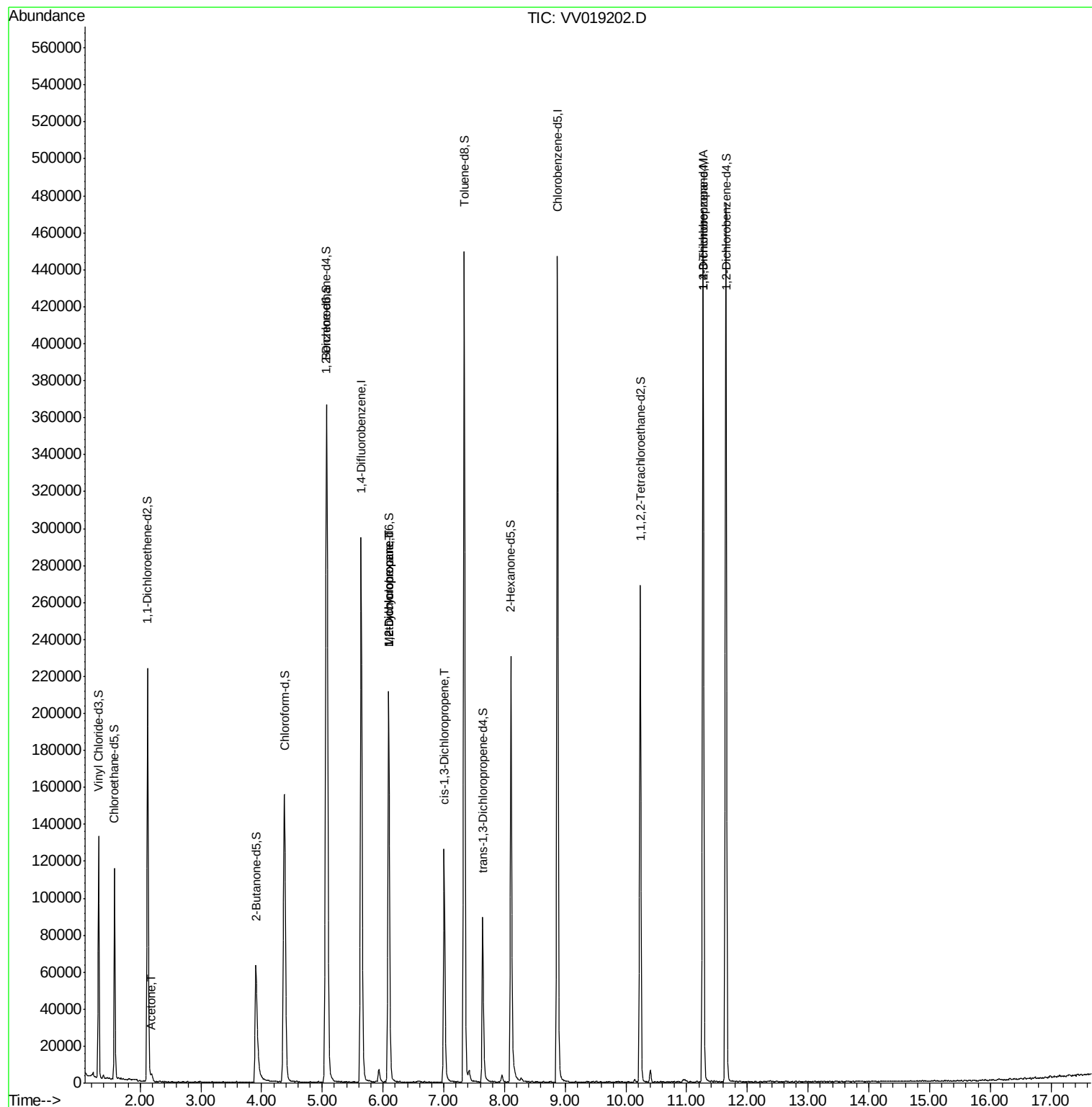
					Ovalue
13) Acetone	2.19	43	5379	4.936 ug/L	71
35) Methylcyclohexane	6.09	83	24639	9.867 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11655	6.951 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3217	1.162 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	12867	5.870 ug/L #	84

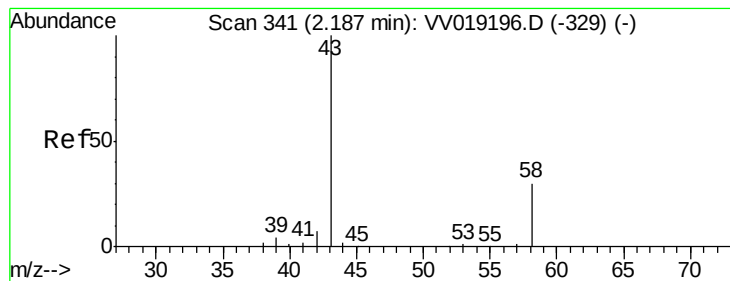
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.936 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV019202.D

Acq: 02 Nov 2020 14:25

Instrument :

MSVOA_V

ClientSampled :

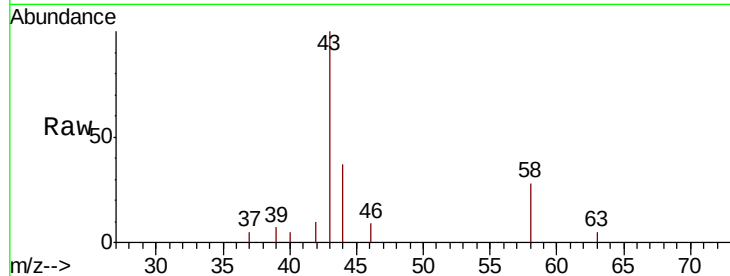
BG461

Tot Ion: 43 Resp: 5379

Ion Ratio Lower Upper

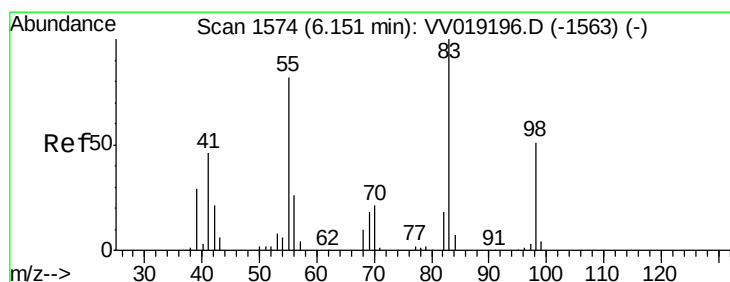
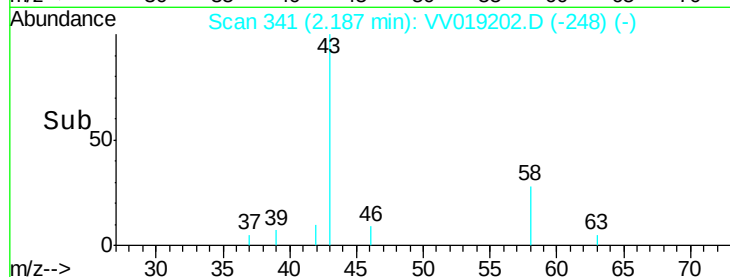
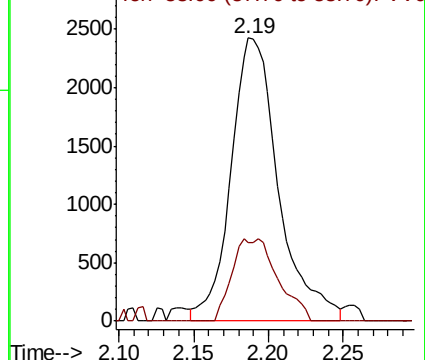
43 100

58 13.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#35

Methylcyclohexane

Concen: 9.867 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019202.D

Acq: 02 Nov 2020 14:25

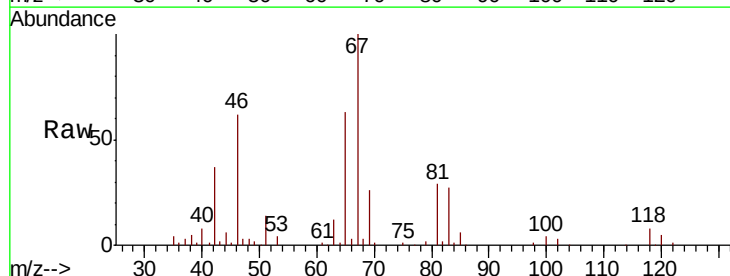
Tgt Ion: 83 Resp: 24639

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.4#

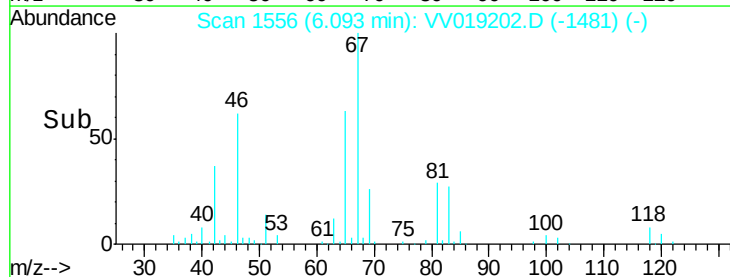
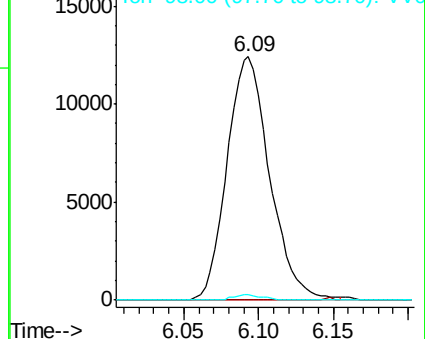
98 1.4 39.4 59.2#

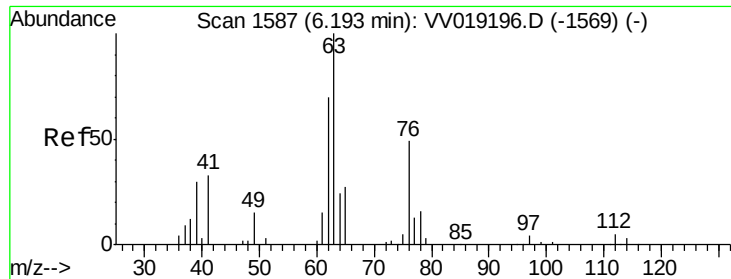


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

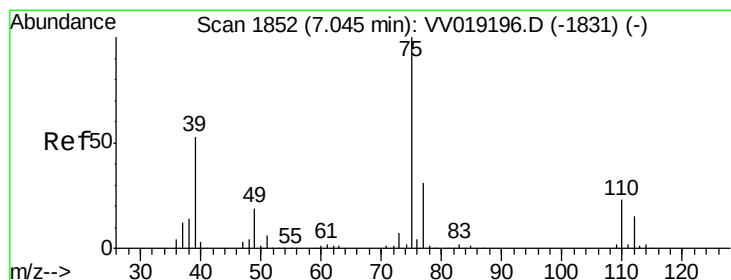
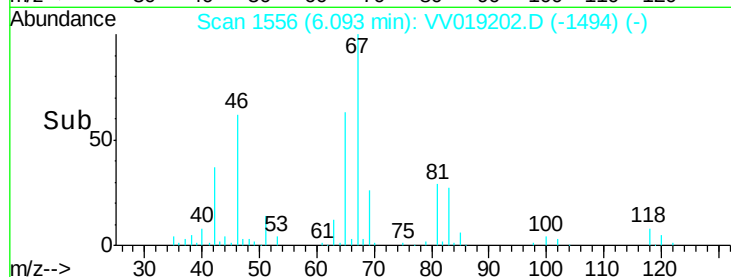
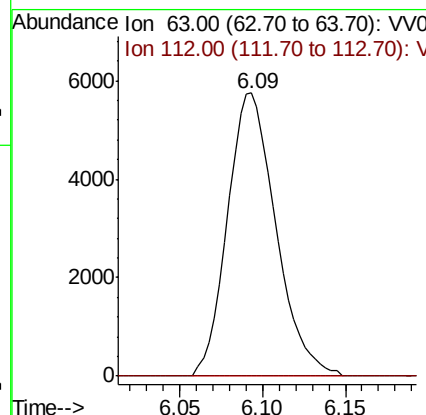
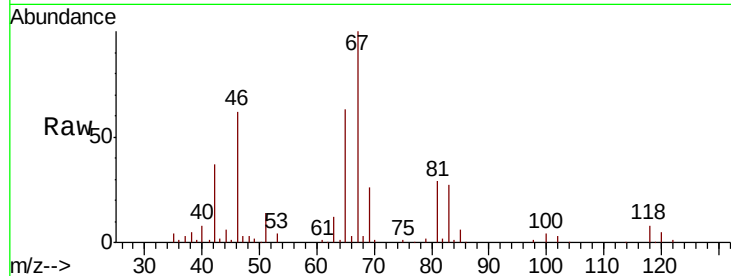




#37
 1,2-Dichloropropane
 Concen: 6.951 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019202.D
 Acq: 02 Nov 2020 14:25

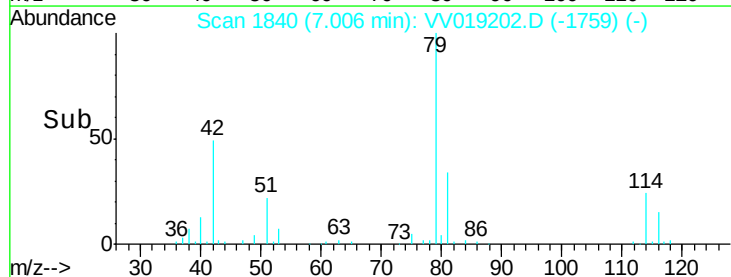
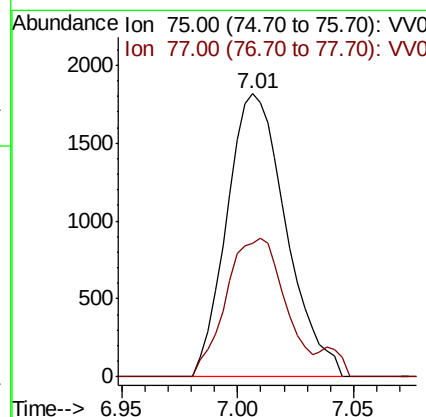
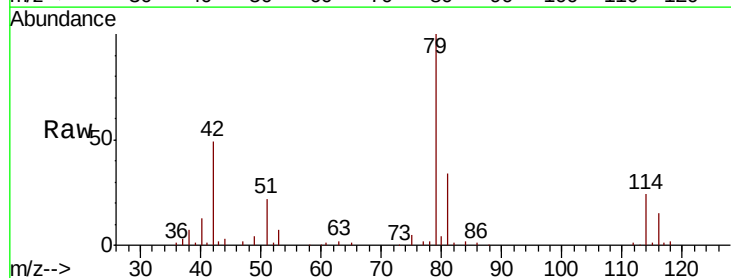
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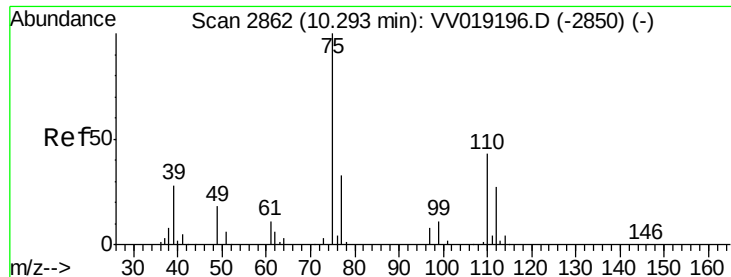
Tot Ion: 63 Resp: 11655
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.162 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019202.D
 Acq: 02 Nov 2020 14:25

Tgt Ion: 75 Resp: 3217
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 5.870 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019202.D

Acq: 02 Nov 2020 14:25

Instrument :

MSVOA_V

ClientSampleId :

BG461

Tot Ion: 75 Resp: 12867

Ion Ratio Lower Upper

75 100

77 42.0 26.2 39.4#

