

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018209.D
 Acq On : 14 Sep 2020 17:20
 Operator : SY/MD
 Sample : L4012-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR7

Quant Time: Sep 15 05:29:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136306	50.00	ug/L	0.00

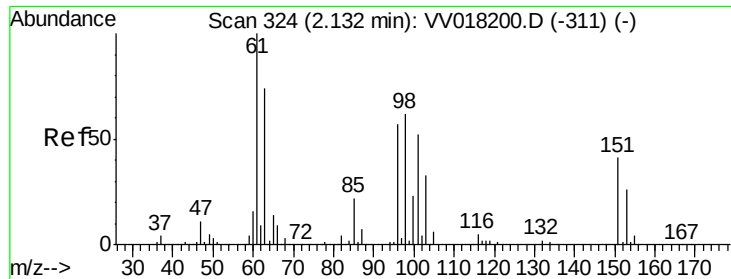
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86892	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.32%
7) Chloroethane-d5	1.58	69	82217	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.24%
11) 1,1-Dichloroethene-d2	2.12	63	134803	32.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.54%
21) 2-Butanone-d5	3.91	46	145283	104.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	4.38	84	193343	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.06	65	129508	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
32) Benzene-d6	5.08	84	380790	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
36) 1,2-Dichloropropane-d6	6.09	67	125485	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.34	98	340247	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.64	79	61544	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.11	63	109789	112.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.94%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	173861	53.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	148759	53.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.28%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1295	0.687 ug/L #	19
35) Methylcyclohexane	6.09	83	29453	8.902 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	13672	6.396 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3291	0.999 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	15361	6.110 ug/L	92

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.687 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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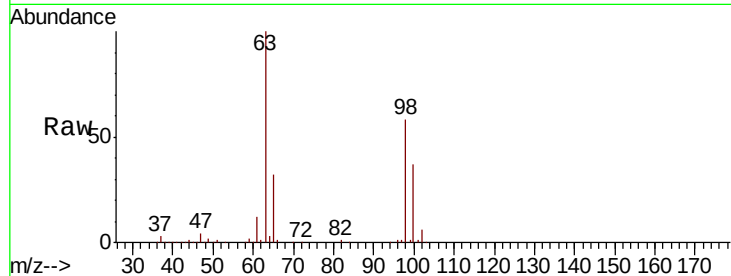
Tot Ion:101 Resp: 1295

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

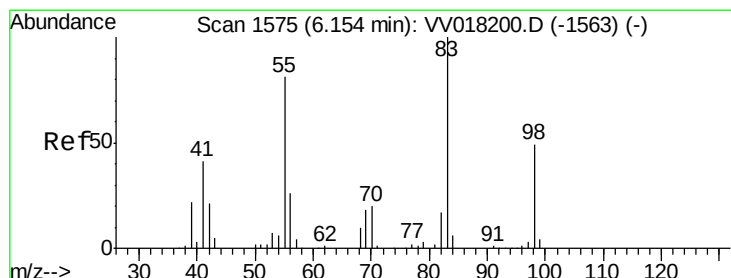
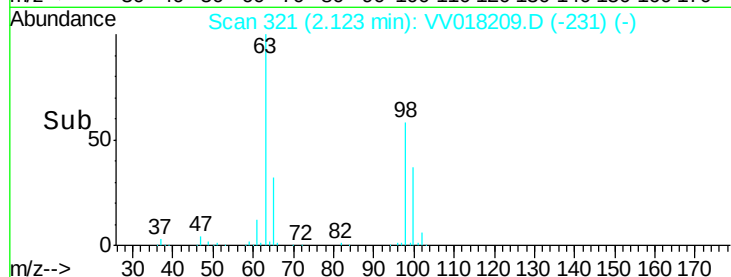
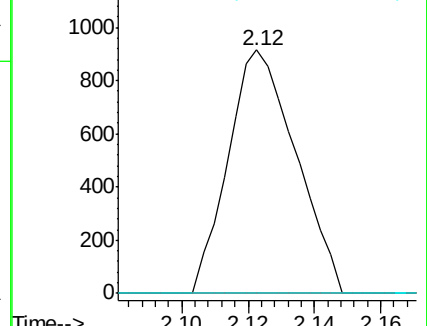
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 8.902 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018209.D

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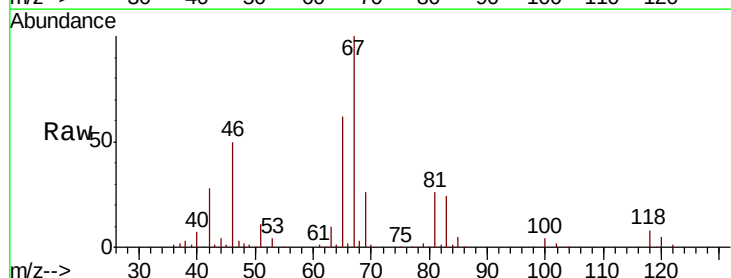
Tgt Ion: 83 Resp: 29453

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

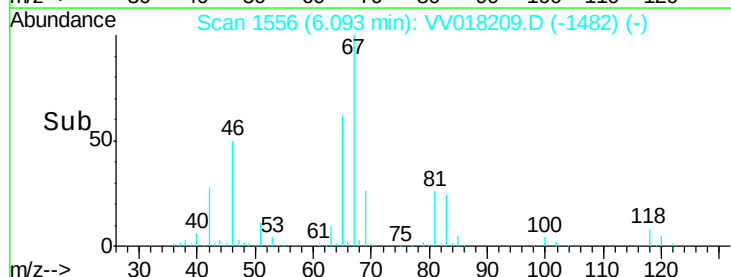
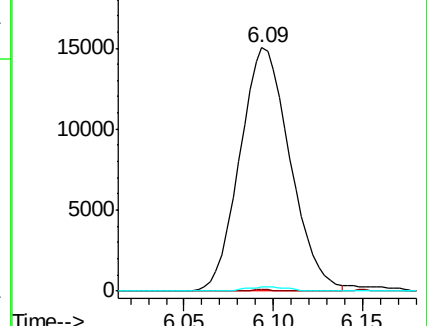
98 1.4 38.8 58.2#

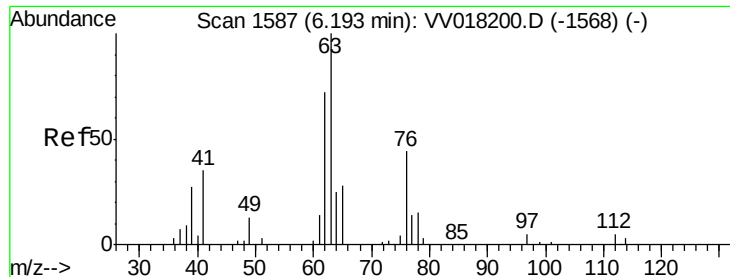


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

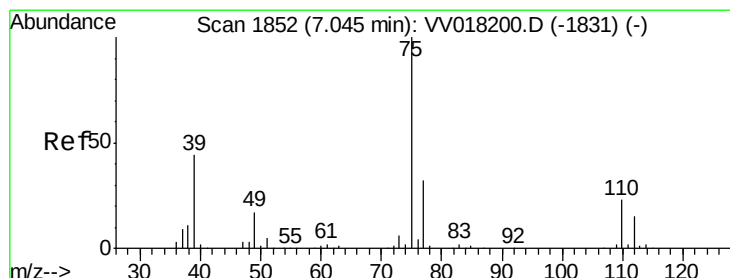
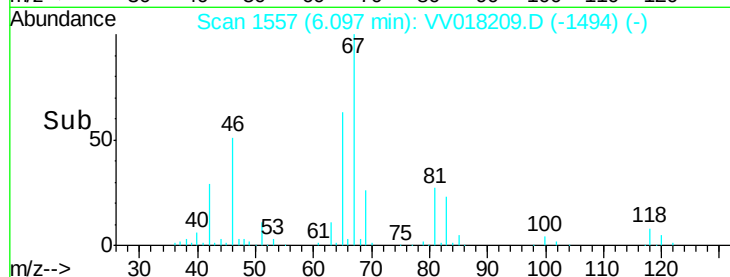
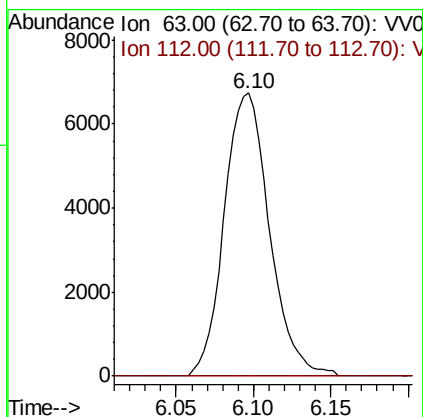
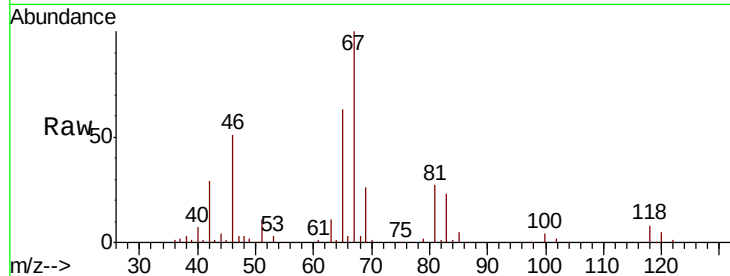




#37
 1,2-Dichloropropane
 Concen: 6.396 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018209.D
 Acq: 14 Sep 2020 17:20

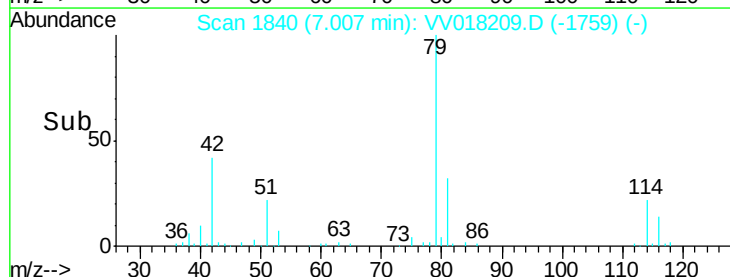
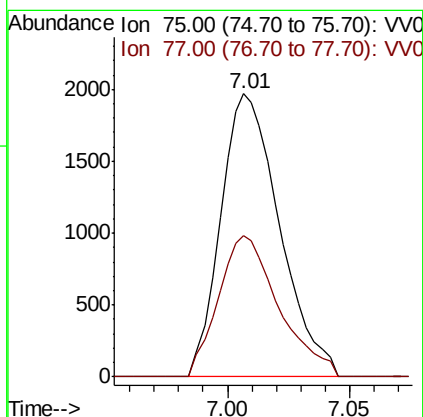
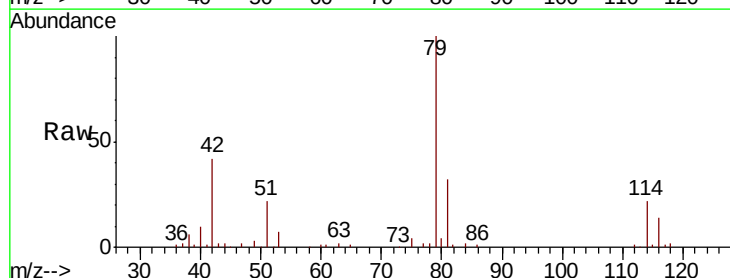
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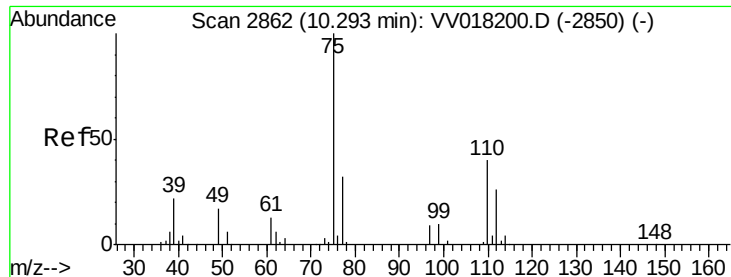
Tot Ion: 63 Resp: 13672
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.999 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018209.D
 Acq: 14 Sep 2020 17:20

Tgt Ion: 75 Resp: 3291
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.110 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018209.D

Acq: 14 Sep 2020 17:20

Instrument :

MSVOA_V

ClientSampleId :

BFWR7

Tot Ion: 75 Resp: 15361

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.6

