

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018108.D
 Acq On : 27 Aug 2020 11:34
 Operator : SY/MD
 Sample : VV0827WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK97

Quant Time: Aug 28 06:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128299	50.00	ug/L	0.00

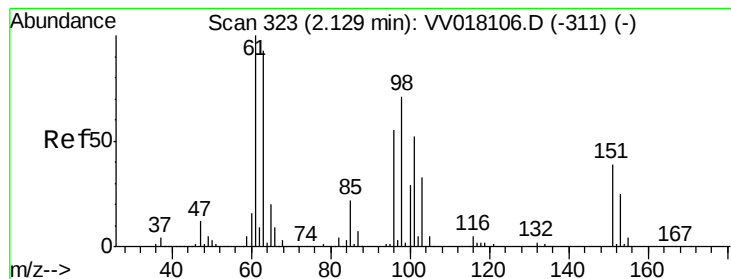
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87342	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.86%
7) Chloroethane-d5	1.58	69	78648	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	135191	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	3.91	46	120820	91.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.73%
24) Chloroform-d	4.38	84	168714	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
26) 1,2-Dichloroethane-d4	5.06	65	117158	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.08	84	343844	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
36) 1,2-Dichloropropane-d6	6.09	67	112131	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.34	98	301452	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%
43) trans-1,3-Dichloropropene-	7.64	79	52932	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.64%
47) 2-Hexanone-d5	8.11	63	59548	78.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135176	43.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	130373	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1196	0.640 ug/L #	20
16) Methylene chloride	2.53	84	1601	0.711 ug/L	95
25) Chloroform	4.40	83	5161	1.385 ug/L	94
35) Methylcyclohexane	6.09	83	26782	8.387 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	12202	5.507 ug/L #	87
48) 2-Hexanone	8.16	43	6505	2.785 ug/L #	91
59) 1,2,3-Trichloropropane	11.27	75	14692	5.369 ug/L	90

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



#10

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

Concen: 0.640 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018108.D

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Instrument :

MSVOA_V

ClientSampled :

VBLK97

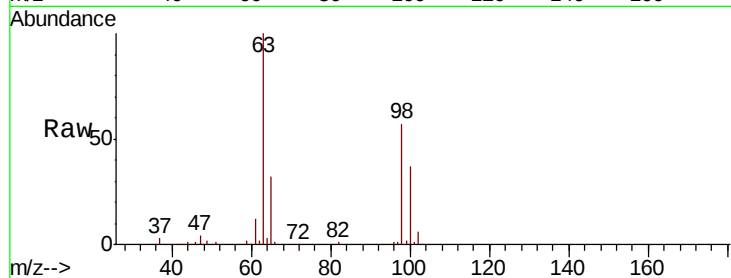
Tot Ion:101 Resp: 1196

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

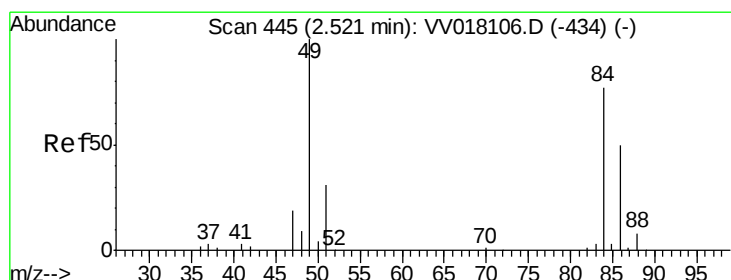
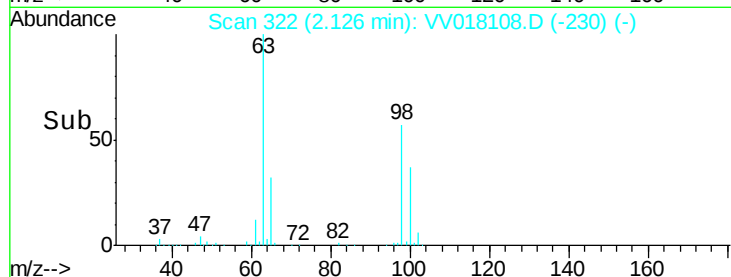
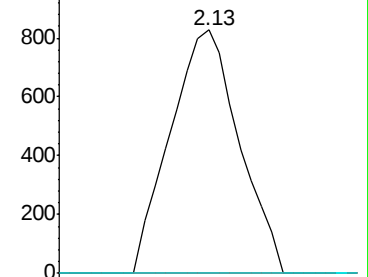
151 0.0 59.1 88.7#



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



#16

Methylene chloride

Concen: 0.711 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV018108.D

Acq: 27 Aug 2020 11:34

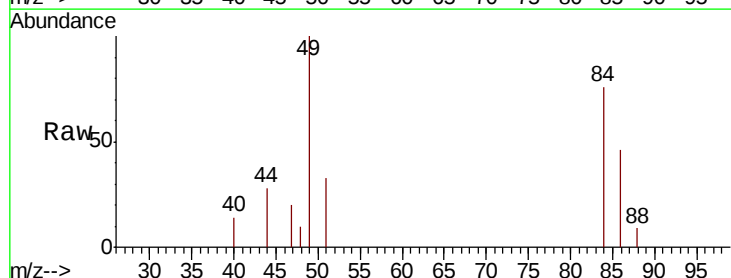
Tgt Ion: 84 Resp: 1601

Ion Ratio Lower Upper

84 100

86 59.9 46.3 85.9

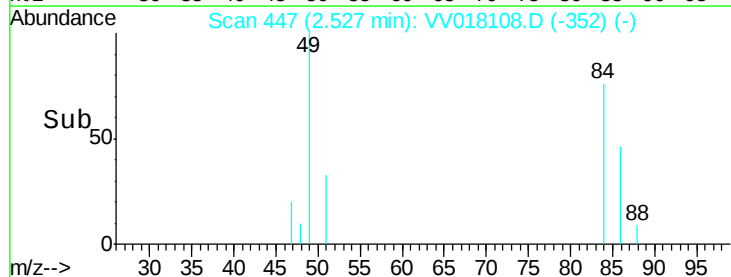
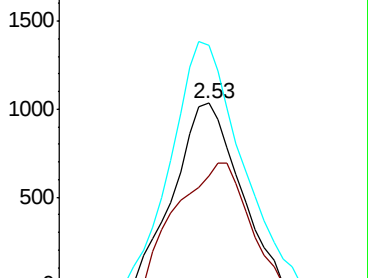
49 131.5 89.7 166.5

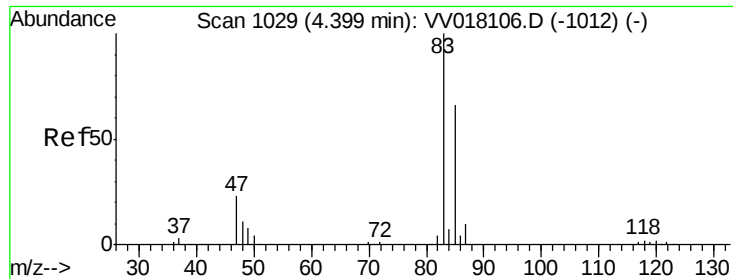


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

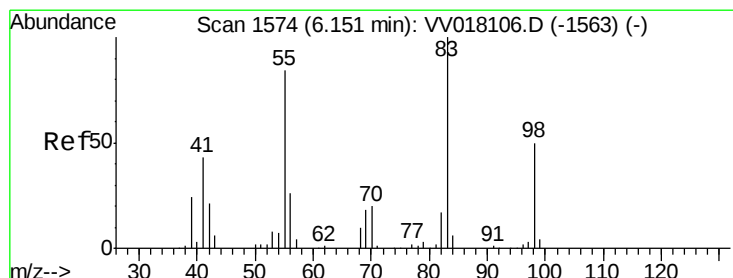
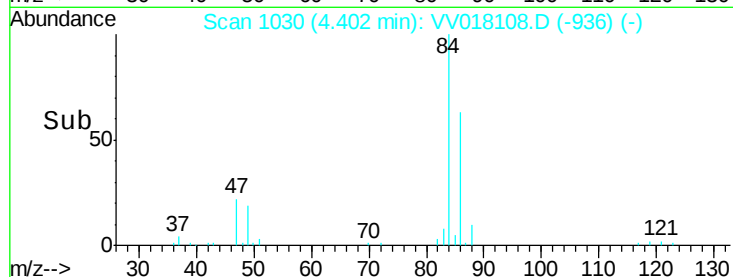
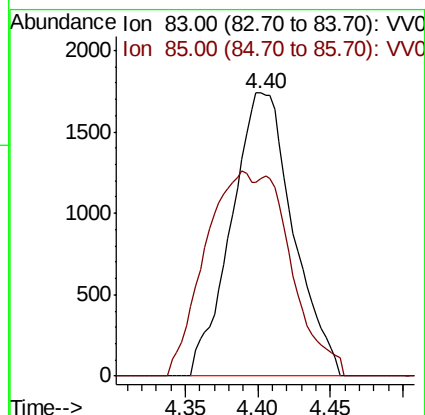
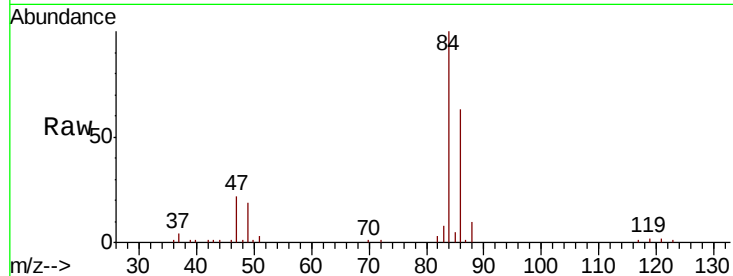




#25
Chloroform
Concen: 1.385 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018108.D
Acq: 27 Aug 2020 11:34

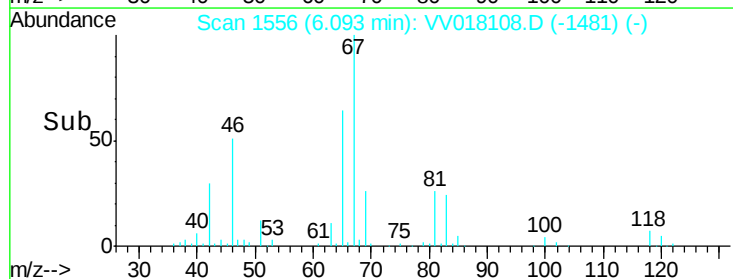
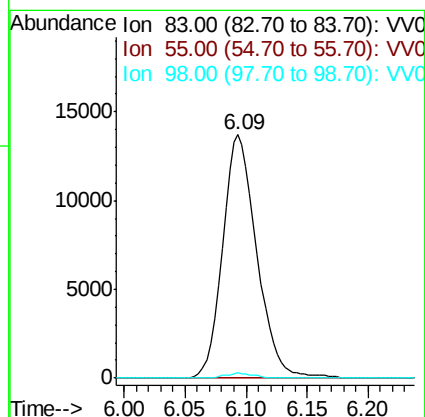
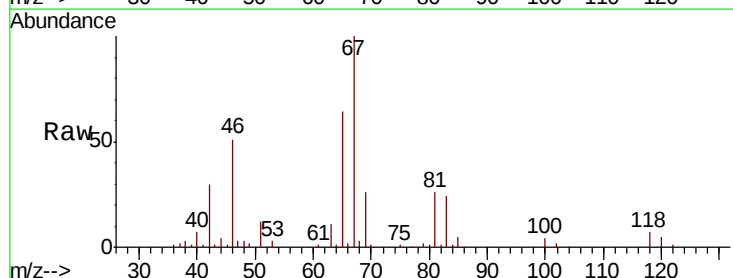
Instrument :
MSVOA_V
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VBLK97

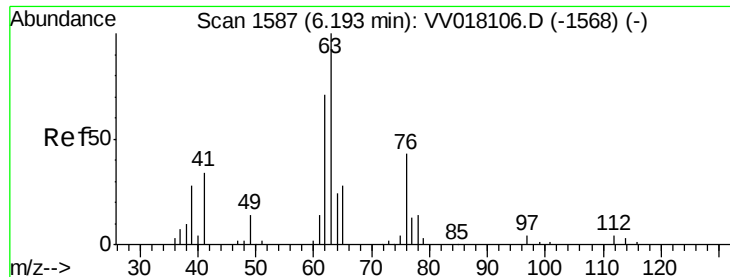
Tot Ion: 83 Resp: 5161
Ion Ratio Lower Upper
83 100
85 69.9 45.5 84.5



#35
Methylcyclohexane
Concen: 8.387 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018108.D
Acq: 27 Aug 2020 11:34

Tgt Ion: 83 Resp: 26782
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 1.6 38.7 58.1#

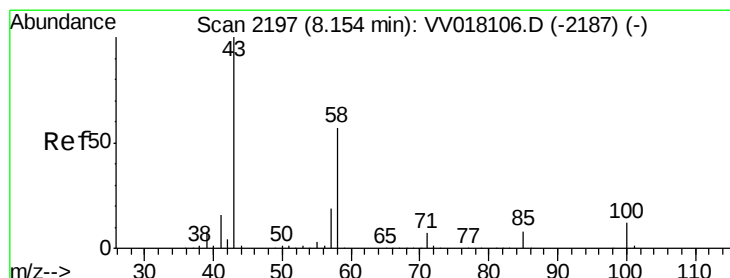
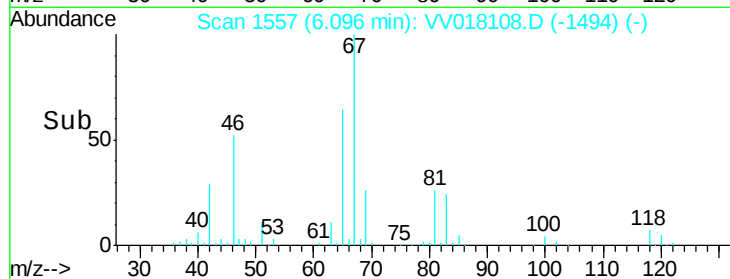
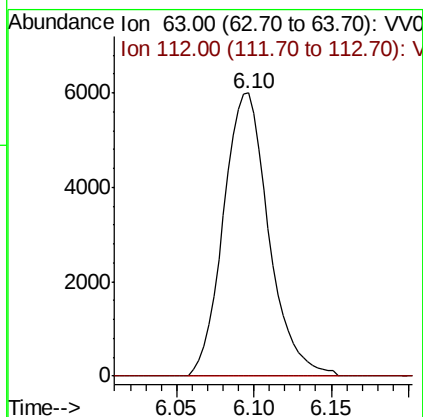
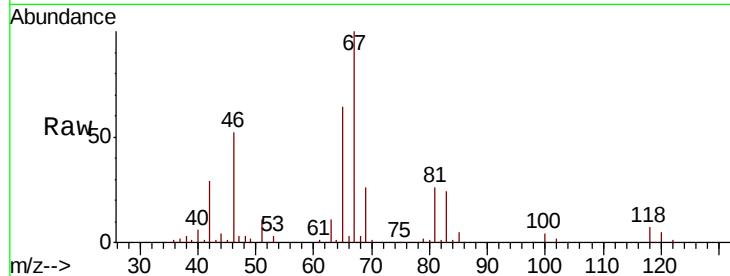




#37
 1,2-Dichloropropane
 Concen: 5.507 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018108.D
 Acq: 27 Aug 2020 11:34

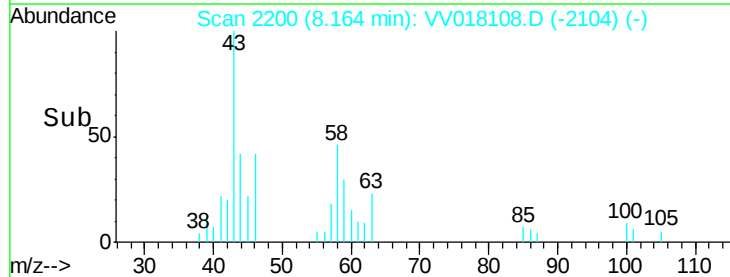
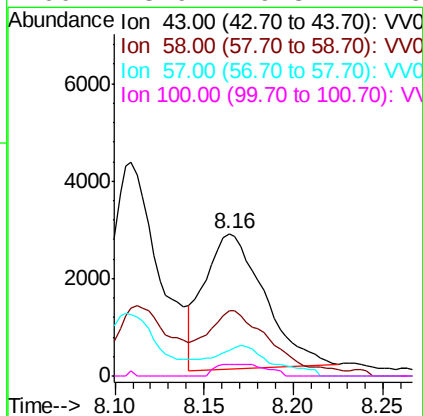
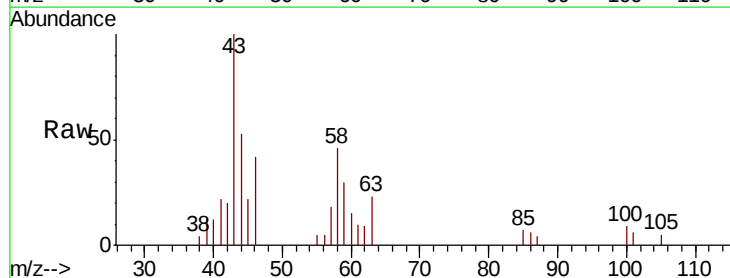
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK97

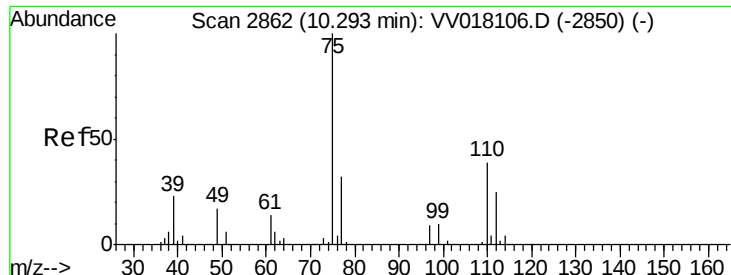
Tot Ion: 63 Resp: 12202
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.785 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018108.D
 Acq: 27 Aug 2020 11:34

Tgt Ion: 43 Resp: 6505
 Ion Ratio Lower Upper
 43 100
 58 48.8 44.4 66.6
 57 18.8 15.2 22.8
 100 3.9 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.369 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018108.D

Acq: 27 Aug 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

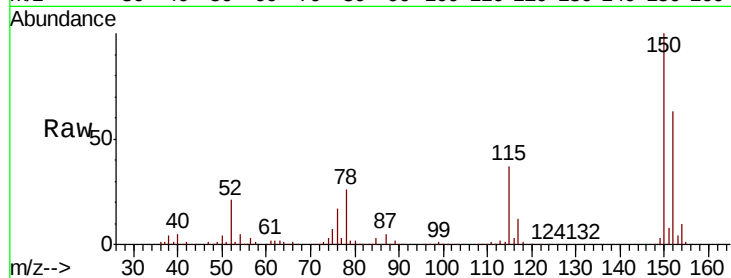
VBLK97

Tot Ion: 75 Resp: 14692

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

