

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV0717518.D
 Acq On : 17 Jul 2020 12:25
 Operator : SY/MD
 Sample : L3336-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 FB(071520)

Quant Time: Jul 18 05:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	313096	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158292	50.00	ug/L	0.00

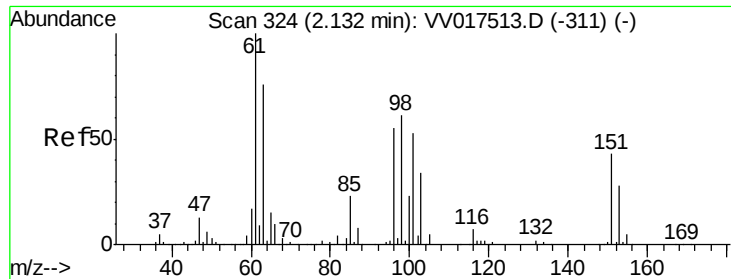
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78263	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.58	69	69873	61.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.04%
11) 1,1-Dichloroethene-d2	2.12	63	140431	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
21) 2-Butanone-d5	3.91	46	103535	93.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.00%
24) Chloroform-d	4.38	84	161529	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	5.06	65	121906	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	298733	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.10	67	91252	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.34	98	277916	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	7.64	79	49691	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.11	63	82194	109.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133235	51.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	129897	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1362	0.655 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1865	0.992 ug/L #	1
13) Acetone	2.20	43	12428	8.201 ug/L	97
16) Methylene chloride	2.53	84	1841	0.841 ug/L	84
35) Methylcyclohexane	6.09	83	25616	7.561 ug/L #	18
59) 1,2,3-Trichloropropane	11.27	75	16550	6.266 ug/L	88

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



#10

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

Concen: 0.655 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017518.D

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Instrument :

MSVOA_V

ClientSampleId :

FB(071520)

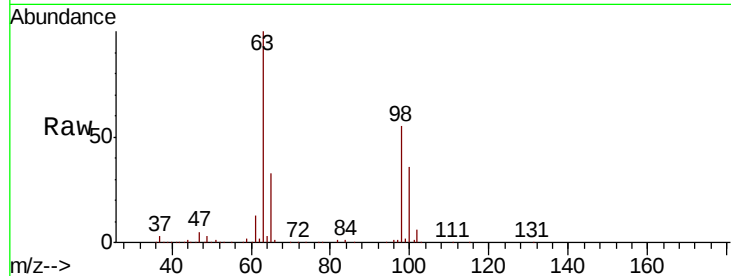
Tot Ion:101 Resp: 1362

Ion Ratio Lower Upper

101 100

85 5.4 36.2 54.4#

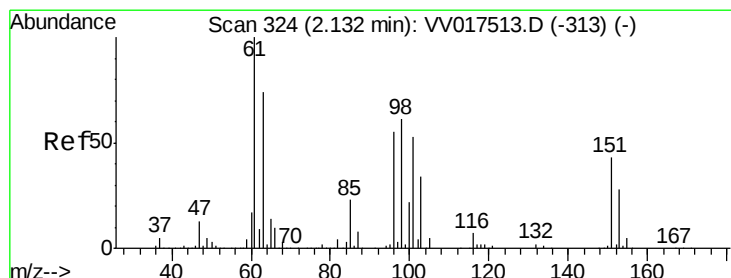
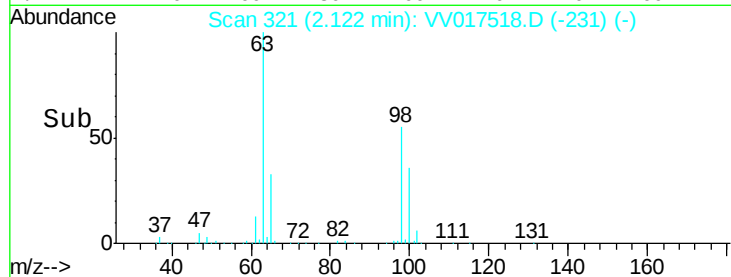
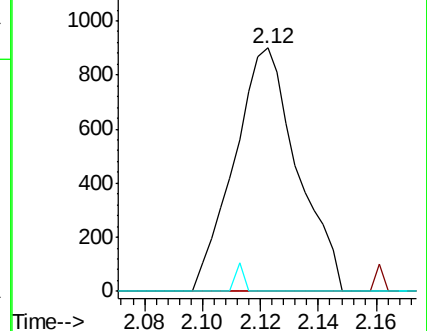
151 0.0 66.8 100.2#



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



#12

1,1-Dichloroethene

Concen: 0.992 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017518.D

Acq: 17 Jul 2020 12:25

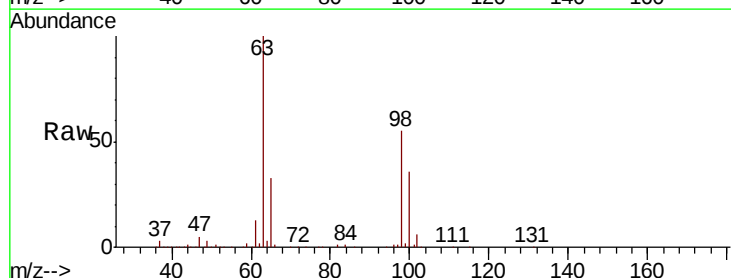
Tgt Ion: 96 Resp: 1865

Ion Ratio Lower Upper

96 100

61 1143.9 132.7 246.4#

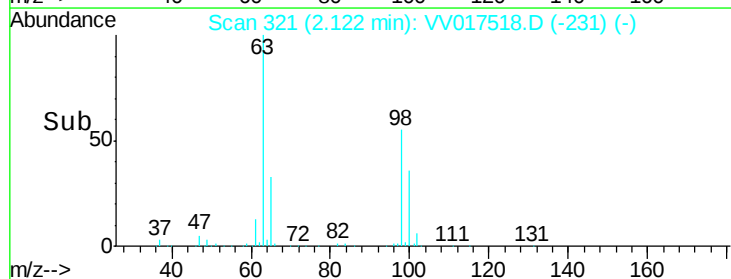
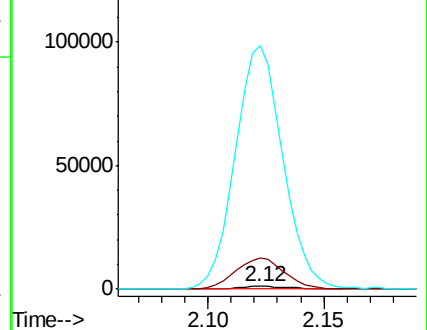
63 8900.4 103.3 191.8#

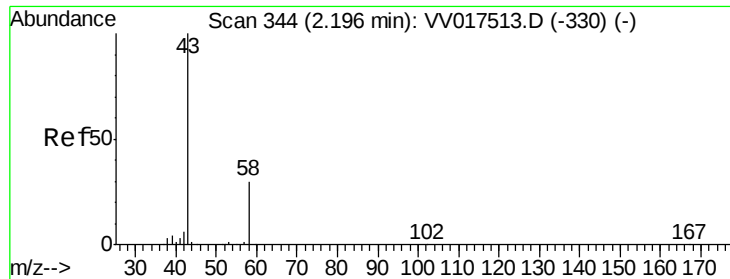


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 8.201 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV017518.D

Acq: 17 Jul 2020 12:25

Instrument :

MSVOA_V

ClientSampleId :

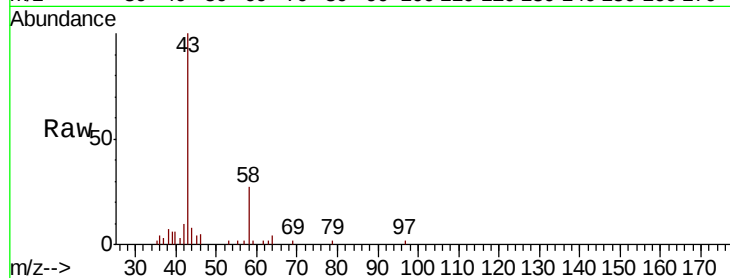
FB(071520)

Tot Ion: 43 Resp: 12428

Ion Ratio Lower Upper

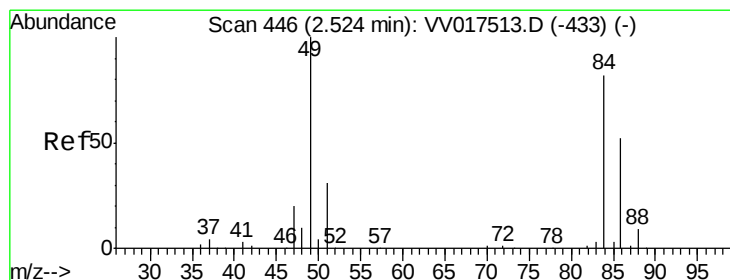
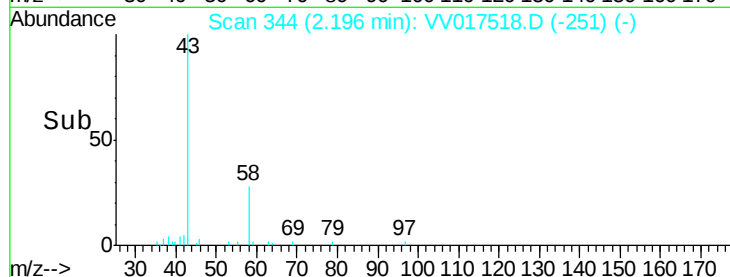
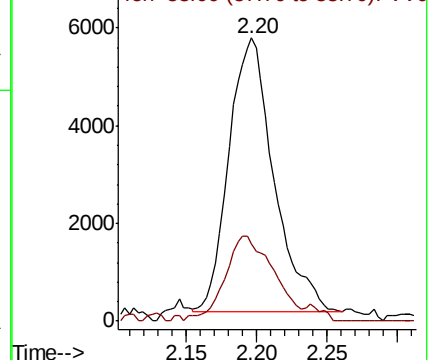
43 100

58 29.7 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 0.841 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV017518.D

Acq: 17 Jul 2020 12:25

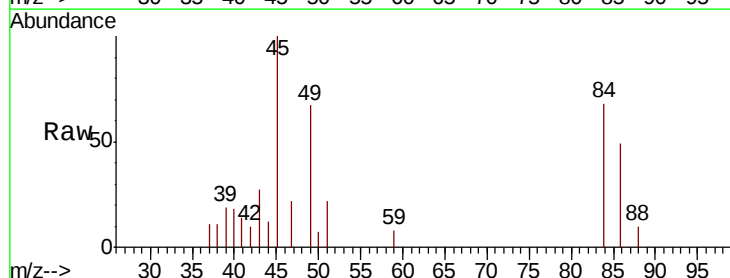
Tgt Ion: 84 Resp: 1841

Ion Ratio Lower Upper

84 100

86 71.0 46.5 86.5

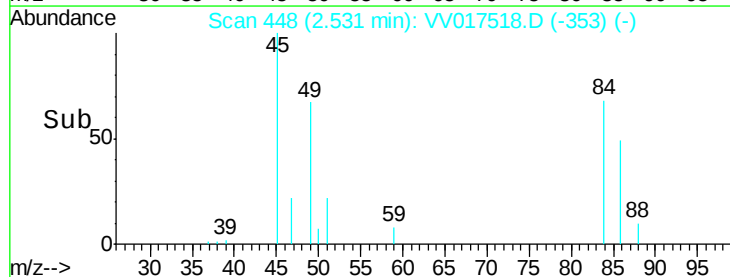
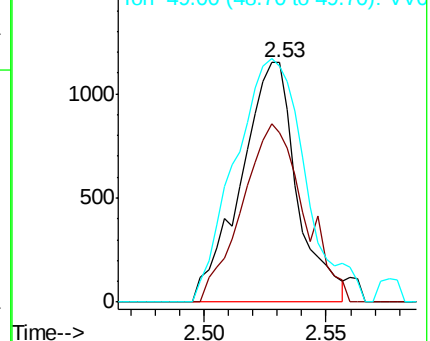
49 98.3 85.3 158.5

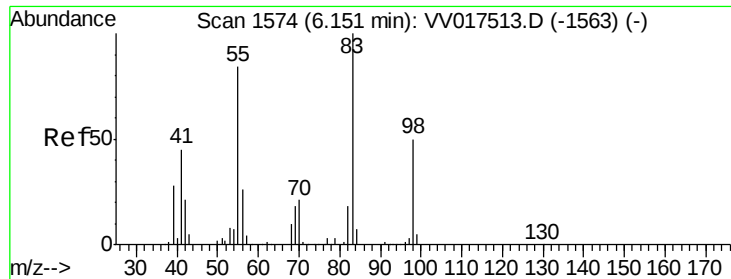


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

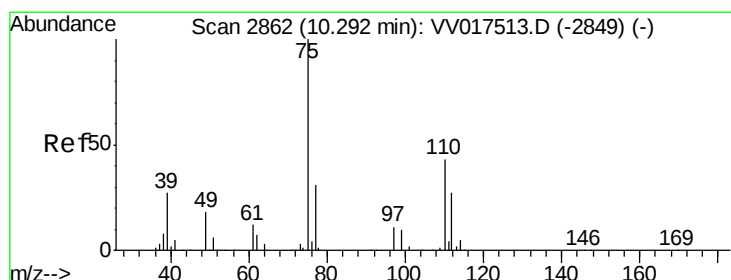
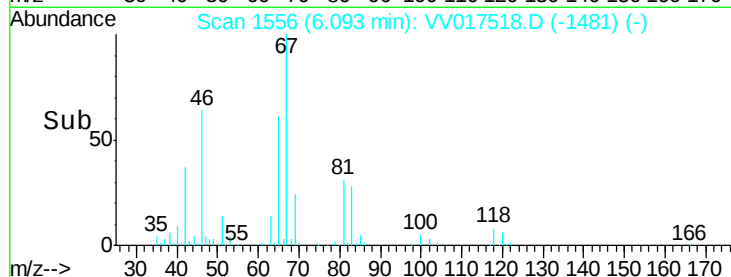
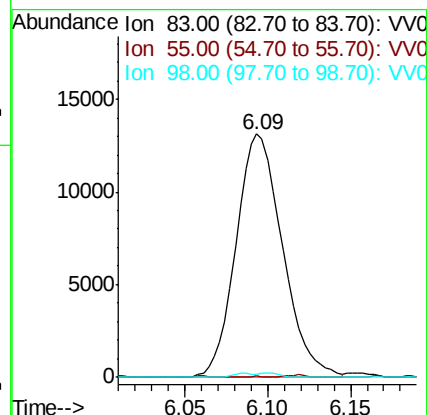
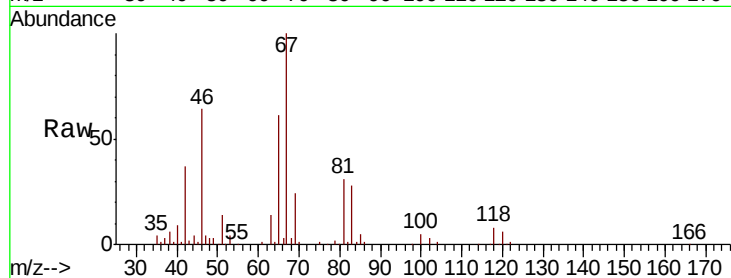




#35
Methvlcvclohexane
Concen: 7.561 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017518.D
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Tot Ion: 83 Resp: 25616
Ion Ratio Lower Upper
83 100
55 0.4 61.0 91.6#
98 0.7 41.3 61.9#



#59
1,2,3-Trichloropropane
Concen: 6.266 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017518.D
Acq: 17 Jul 2020 12:25

Tgt Ion: 75 Resp: 16550
Ion Ratio Lower Upper
75 100
77 39.6 26.5 39.7

