

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018424.D
 Acq On : 24 Sep 2020 13:21
 Operator : SY/MD
 Sample : L4110-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

Quant Time: Sep 25 04:45:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303614	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147448	50.00	ug/L	0.00

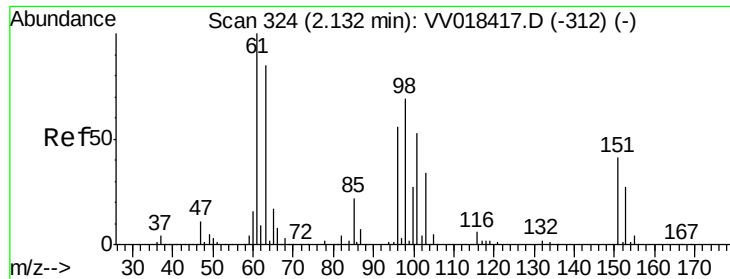
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112012	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.54%
7) Chloroethane-d5	1.58	69	88074	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	153713	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	3.91	46	122851	81.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.12%
24) Chloroform-d	4.38	84	180176	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.94%
26) 1,2-Dichloroethane-d4	5.06	65	120538	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.08	84	375811	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.09	67	117536	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.24%
41) Toluene-d8	7.34	98	338363	43.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.56%
43) trans-1,3-Dichloropropene-	7.64	79	58083	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.84%
47) 2-Hexanone-d5	8.11	63	72680	71.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127992	37.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	139551	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1509	0.737 ug/L #	19
13) Acetone	2.20	43	10617	8.755 ug/L	96
35) Methylcyclohexane	6.09	83	28540	8.215 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12700	5.658 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3196	0.924 ug/L #	43
48) 2-Hexanone	8.16	43	6032	2.810 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	16854	6.384 ug/L	97

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



#10

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

Concen: 0.737 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

C0AK5

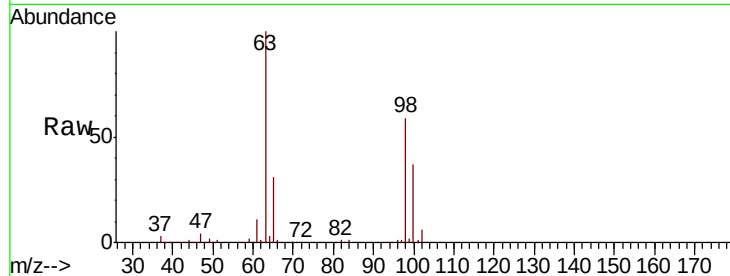
Tot Ion:101 Resp: 1509

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

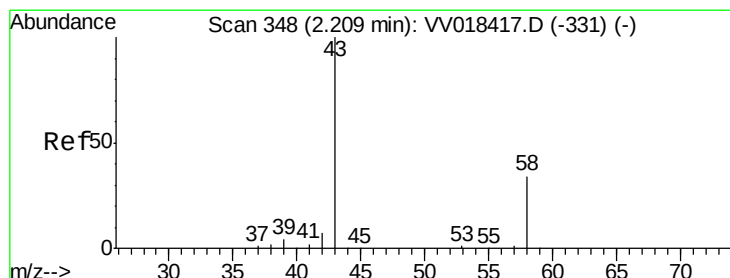
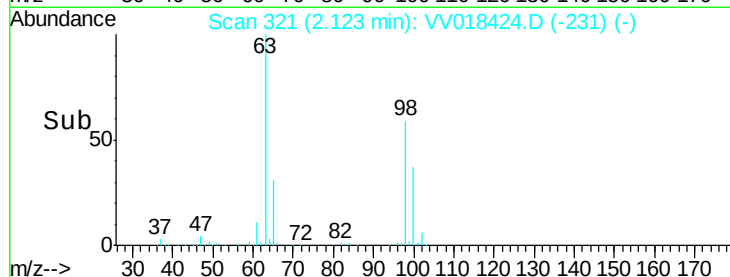
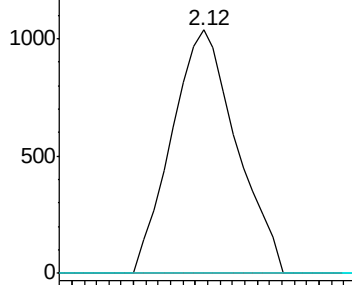
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 8.755 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV018424.D

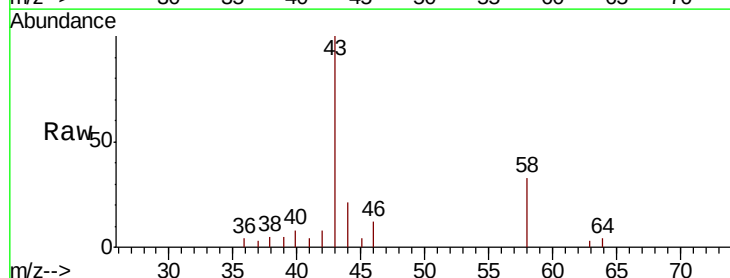
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Tgt Ion: 43 Resp: 10617

Ion Ratio Lower Upper

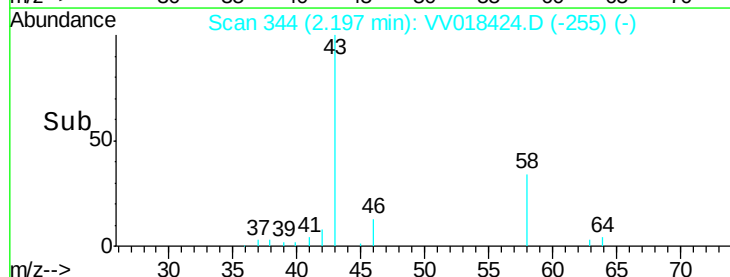
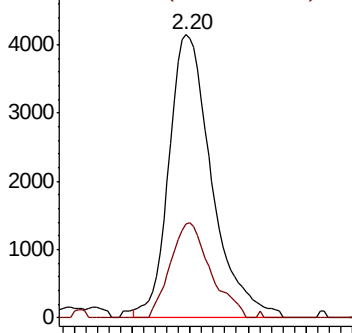
43 100

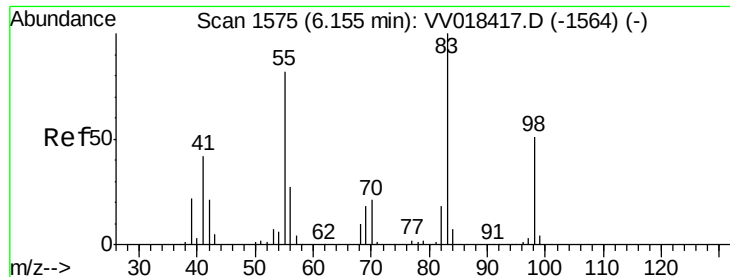
58 31.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

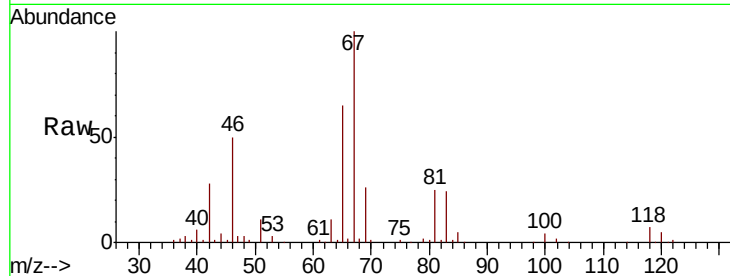




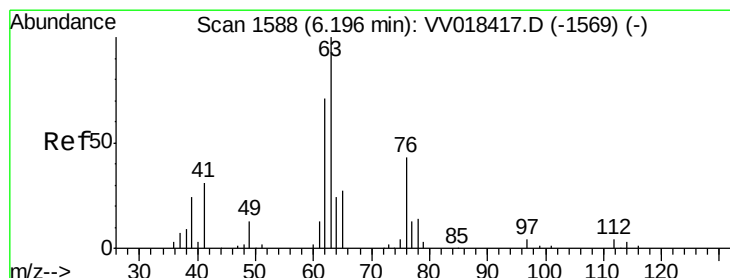
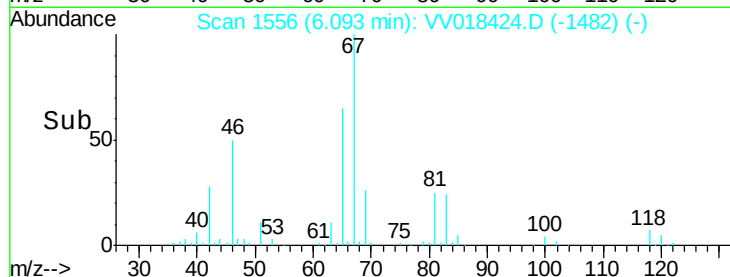
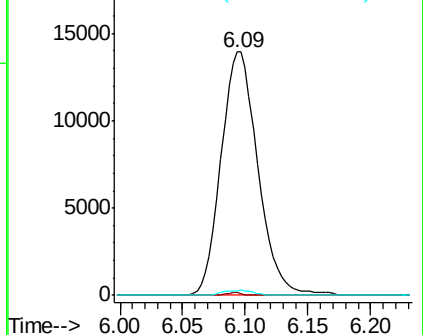
#35
Methylvlcyclohexane
Concen: 8.215 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018424.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AK5

Tot Ion: 83 Resp: 28540
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.7 38.8 58.2#

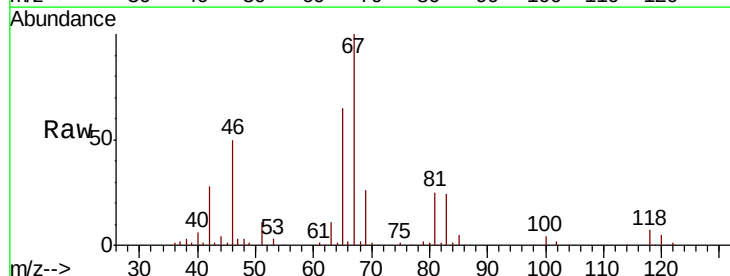


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

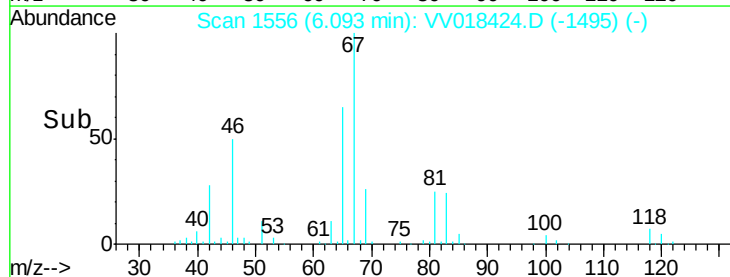
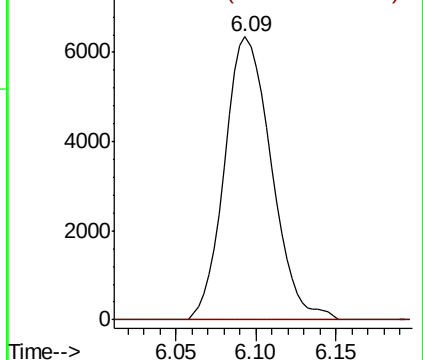


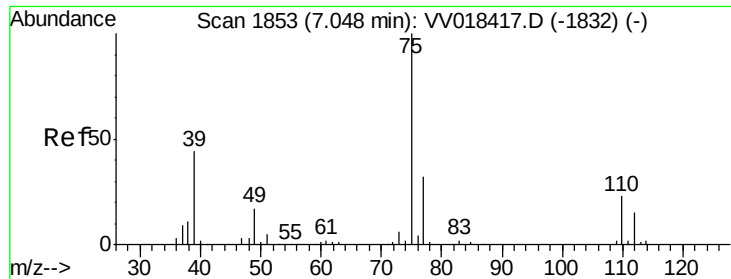
#37
1,2-Dichloropropane
Concen: 5.658 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018424.D
Acq: 24 Sep 2020 13:21

Tgt Ion: 63 Resp: 12700
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

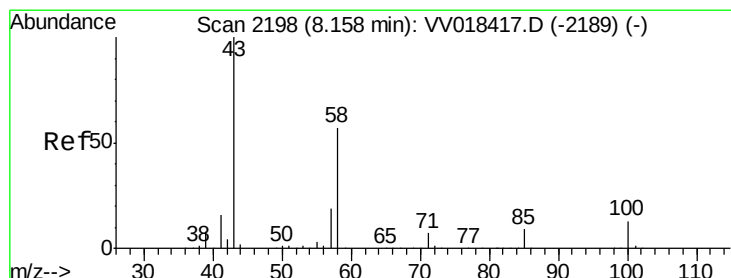
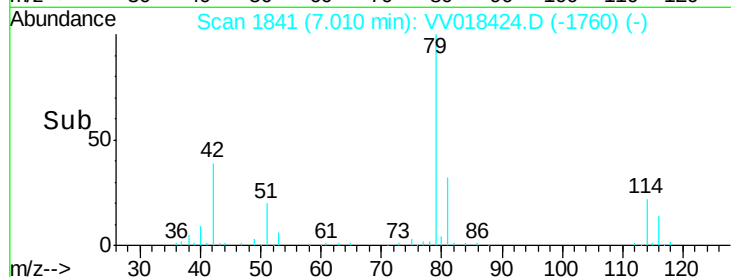
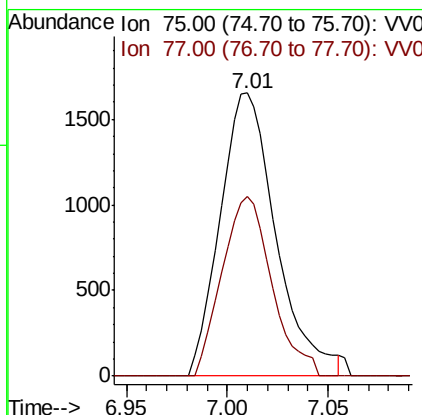
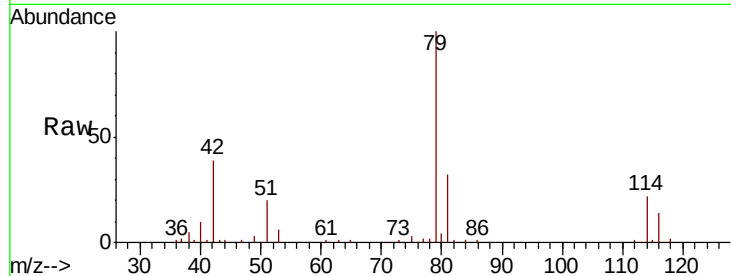




#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018424.D
 Acq: 24 Sep 2020 13:21

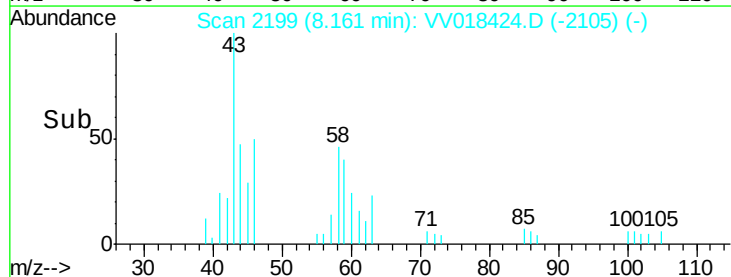
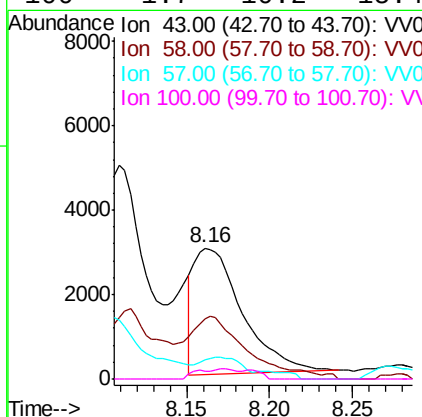
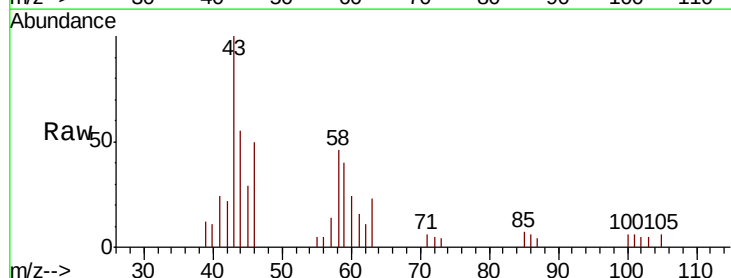
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

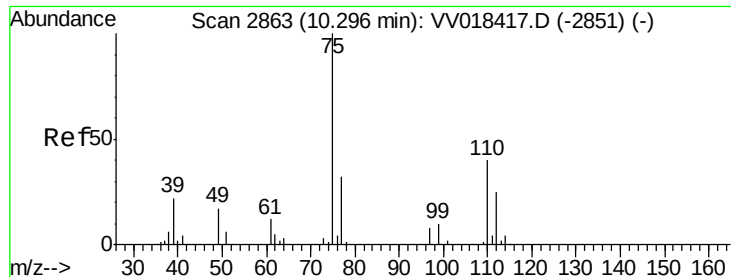
Tot Ion: 75 Resp: 3196
 Ion Ratio Lower Upper
 75 100
 77 63.3 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.810 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018424.D
 Acq: 24 Sep 2020 13:21

Tgt Ion: 43 Resp: 6032
 Ion Ratio Lower Upper
 43 100
 58 43.7 44.8 67.2#
 57 10.1 15.8 23.6#
 100 1.7 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.384 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018424.D

Acq: 24 Sep 2020 13:21

Instrument :

MSVOA_V

ClientSampleId :

C0AK5

Tot Ion: 75 Resp: 16854

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.6

