

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018239.D
 Acq On : 16 Sep 2020 15:48
 Operator : SY/MD
 Sample : L4024-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127982	50.00	ug/L	0.00

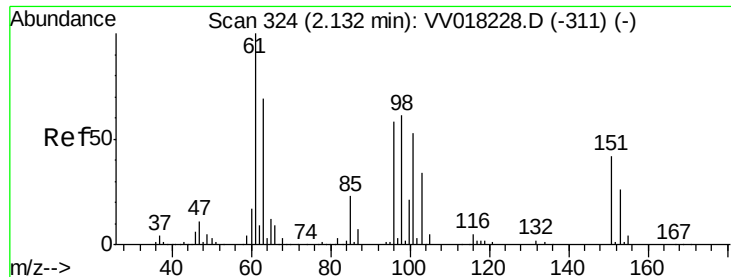
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106226	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.58	69	86270	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.12	63	151363	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	3.91	46	121035	89.63	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.63%
24) Chloroform-d	4.38	84	184340	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.06	65	123060	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.08	84	373591	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.09	67	119146	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.34	98	336896	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%
43) trans-1,3-Dichloropropene-	7.64	79	57692	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
47) 2-Hexanone-d5	8.11	63	91780	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151315	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	140420	53.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1386	0.759	ug/L #	19
15) Methyl Acetate	2.20	43	2408	1.239	ug/L #	53
27) 1,2-Dichloroethane	5.07	62	2228	0.817	ug/L #	74
35) Methylcyclohexane	6.09	83	28702	9.064	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12872	6.292	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3300	1.047	ug/L #	62
59) 1,2,3-Trichloropropane	11.27	75	14797	6.150	ug/L	91

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



#10

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

Concen: 0.759 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018239.D

Acq: 16 Sep 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

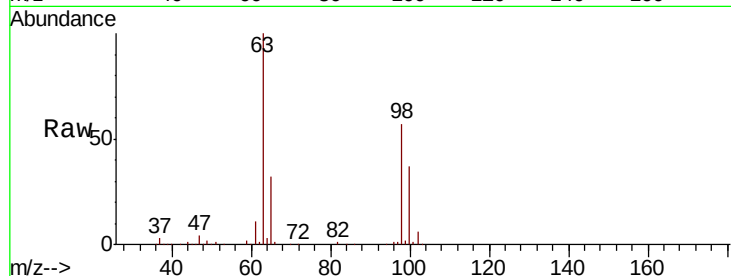
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

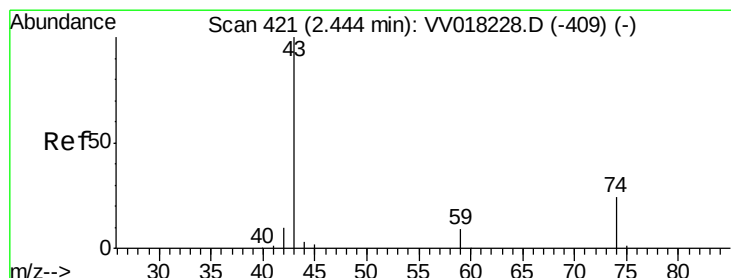
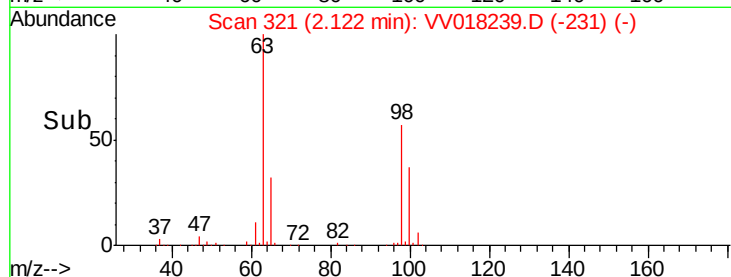
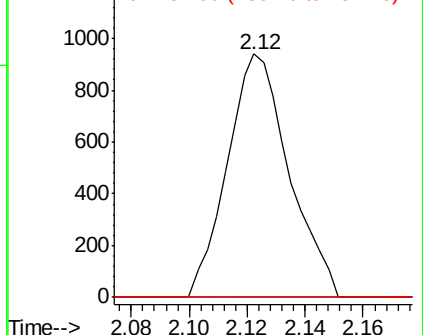
151 0.0 62.2 93.2#



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



#15

Methyl Acetate

Concen: 1.239 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.24 min

Lab File: VV018239.D

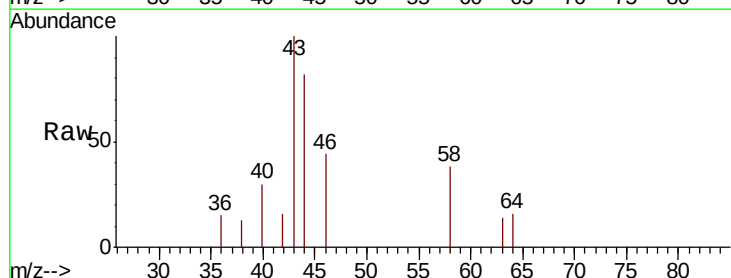
Acq: 16 Sep 2020 15:48

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

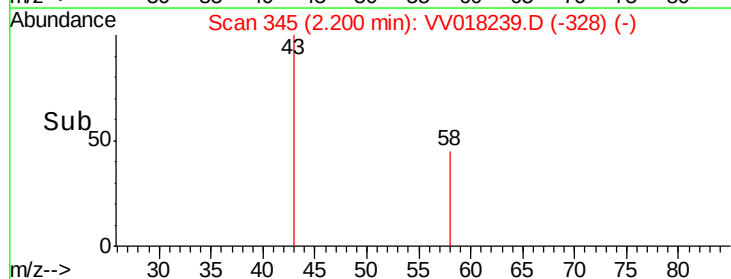
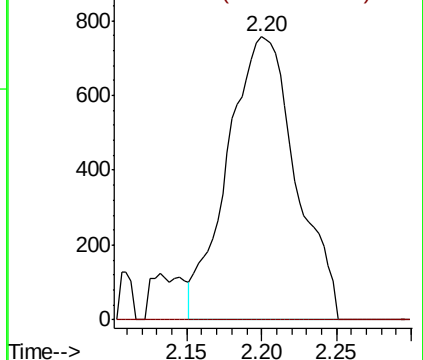
43 100

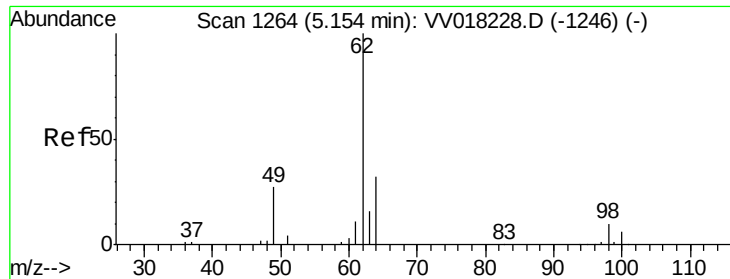
74 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

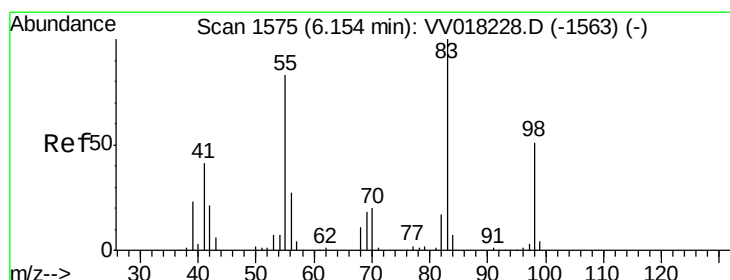
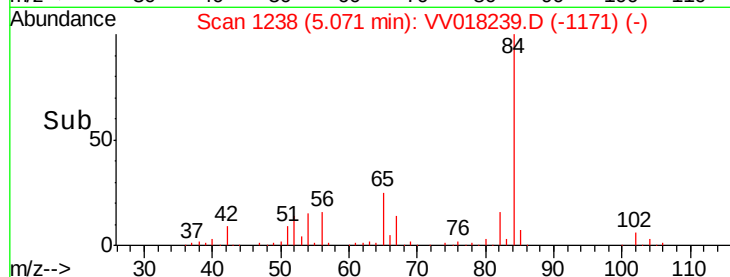
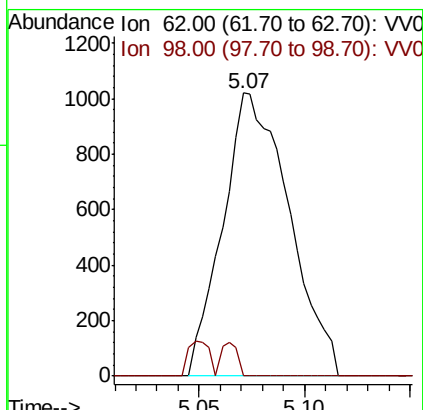
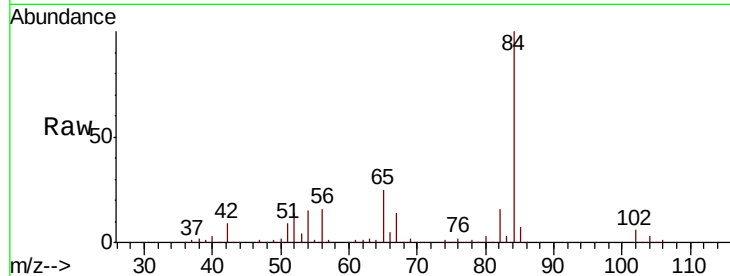




#27
 1,2-Dichloroethane
 Concen: 0.817 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV018239.D
 Acq: 16 Sep 2020 15:48

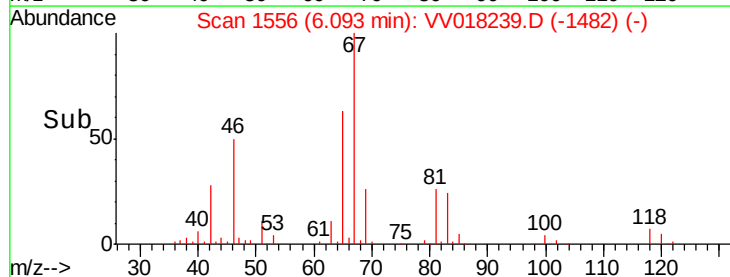
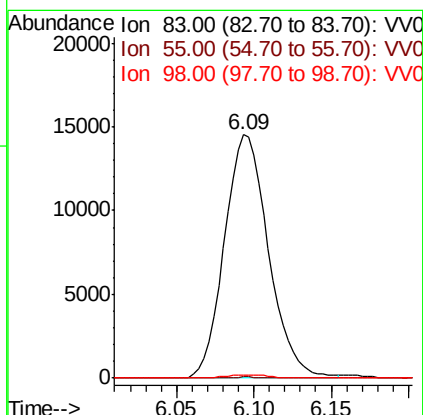
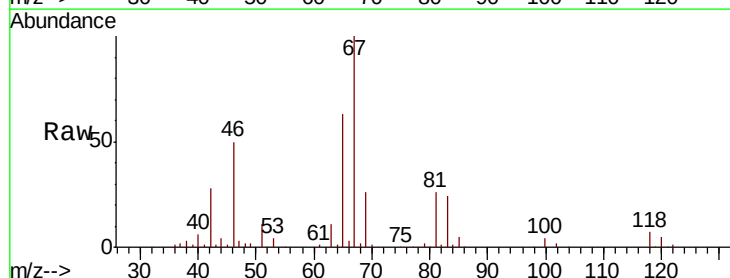
Instrument :
 MSVOA_V
 ClientSampleId :

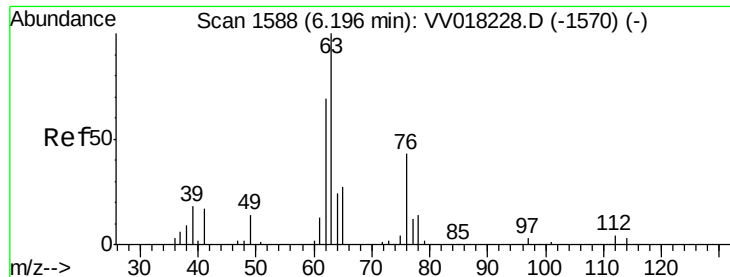
Tot Ion: 62 Resp: 2228
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 9.064 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018239.D
 Acq: 16 Sep 2020 15:48

Tgt Ion: 83 Resp: 28702
 Ion Ratio Lower Upper
 83 100
 55 0.1 63.4 95.2#
 98 1.2 38.8 58.2#

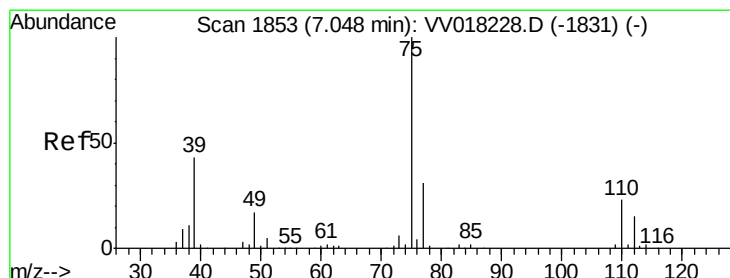
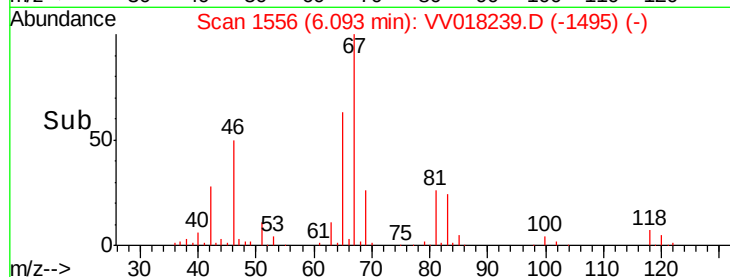
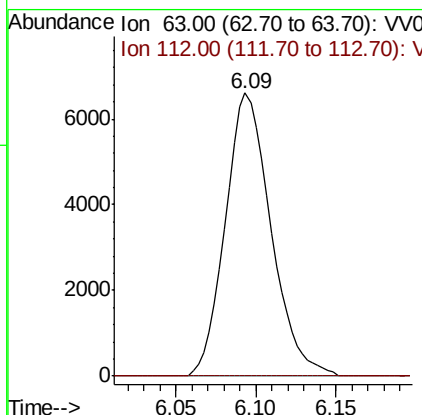
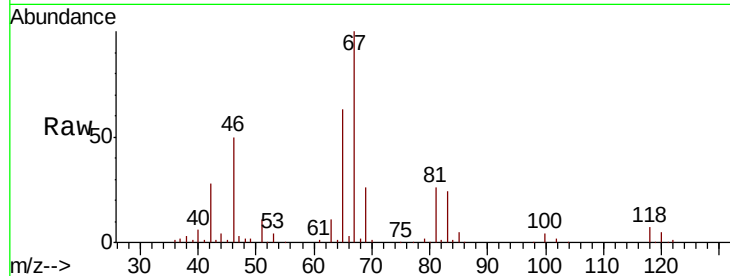




#37
 1,2-Dichloropropane
 Concen: 6.292 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018239.D
 Acq: 16 Sep 2020 15:48

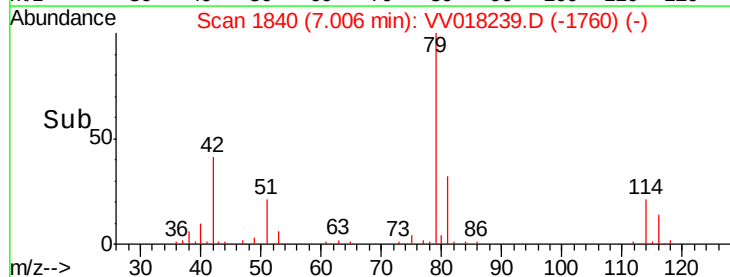
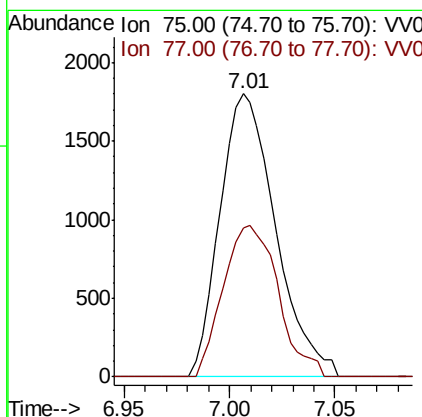
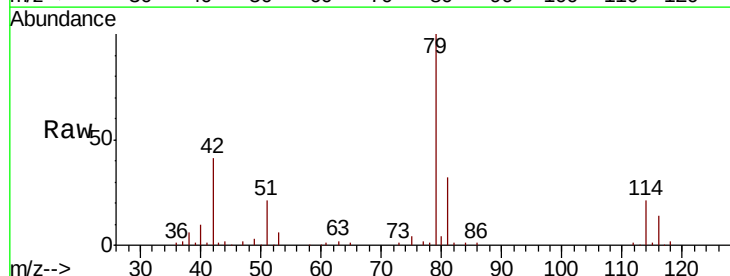
Instrument :
 MSVOA_V
 ClientSampleId :

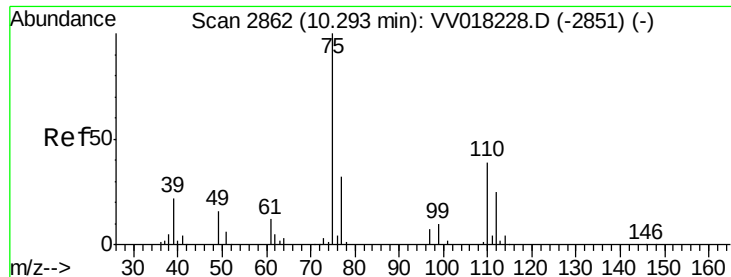
Tot Ion: 63 Resp: 12872
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018239.D
 Acq: 16 Sep 2020 15:48

Tgt Ion: 75 Resp: 3300
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.150 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018239.D

Acq: 16 Sep 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14797

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

