

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018620.D
 Acq On : 02 Oct 2020 13:02
 Operator : SY/MD
 Sample : L4185-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS6

Quant Time: Oct 03 00:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143390	50.00	ug/L	0.00

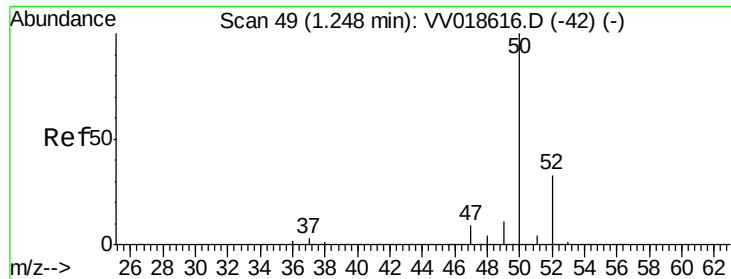
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81969	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.74%
7) Chloroethane-d5	1.58	69	81180	58.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.08%
11) 1,1-Dichloroethene-d2	2.12	63	143155	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.78%
21) 2-Butanone-d5	3.92	46	105821	84.59	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.59%
24) Chloroform-d	4.38	84	165929	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	112697	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.08	84	326329	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	99904	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	7.34	98	296848	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%
43) trans-1,3-Dichloropropene-	7.64	79	49183	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.11	63	55410	66.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	107397	36.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	131261	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	1551	0.745 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1385	0.744 ug/L #	17
13) Acetone	2.20	43	10869	10.056 ug/L	92
35) Methylcyclohexane	6.10	83	24838	7.535 ug/L #	19
42) Toluene	7.41	91	6773	0.744 ug/L	93
48) 2-Hexanone	8.16	43	13268	6.102 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	16078	6.121 ug/L #	88

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



#3

Chloromethane

Concen: 0.745 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018620.D

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Instrument :

MSVOA_V

ClientSampleId :

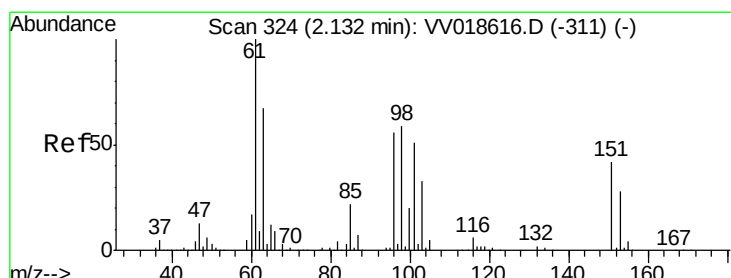
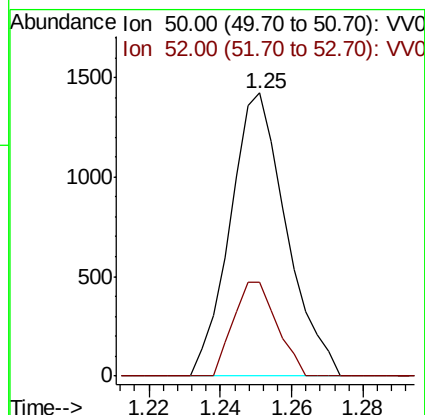
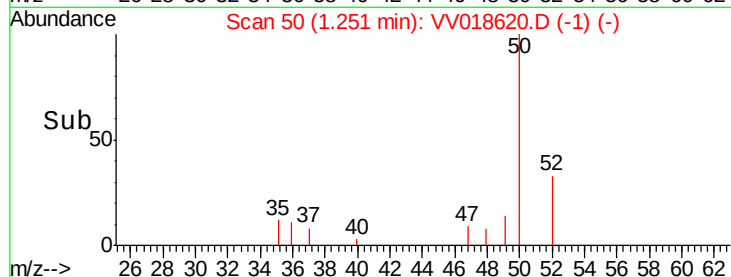
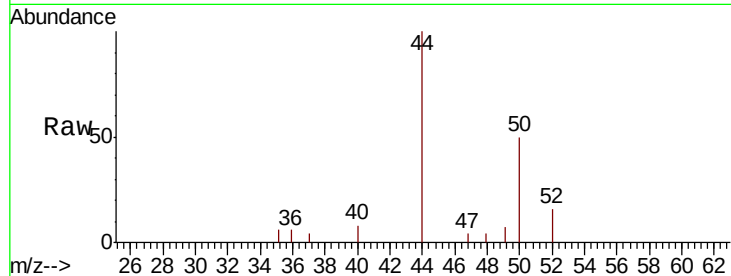
C0AS6

Tot Ion: 50 Resp: 1551

Ion Ratio Lower Upper

50 100

52 33.1 22.7 42.1



#10

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

Concen: 0.744 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018620.D

Acq: 02 Oct 2020 13:02

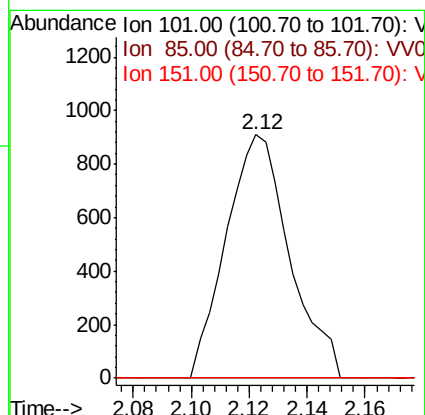
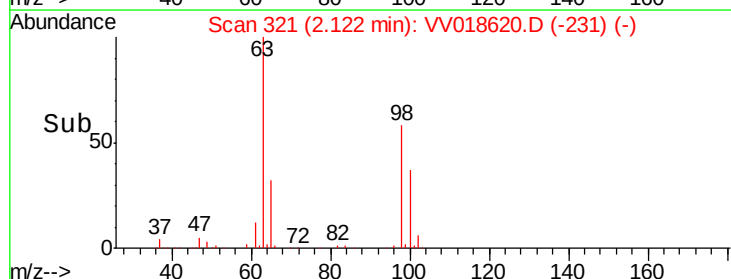
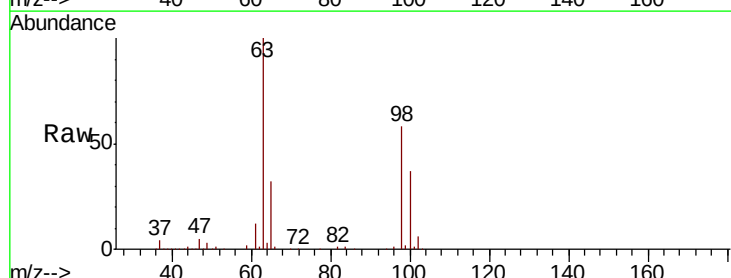
Tgt Ion: 101 Resp: 1385

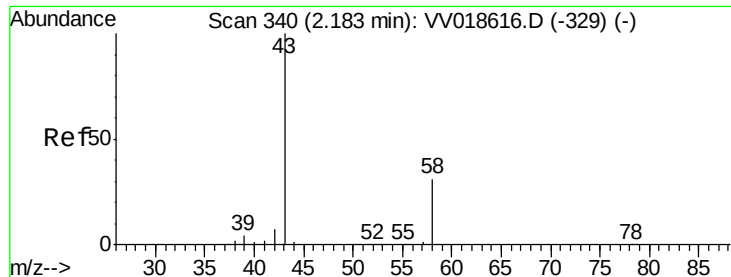
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 64.3 96.5#

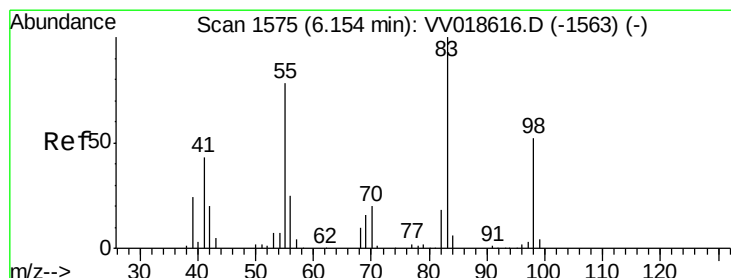
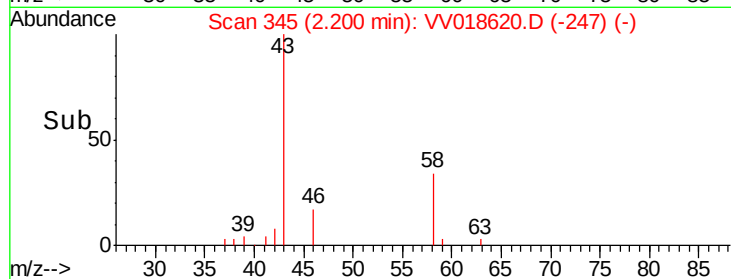
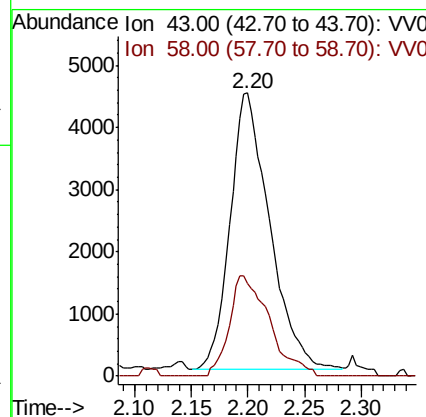
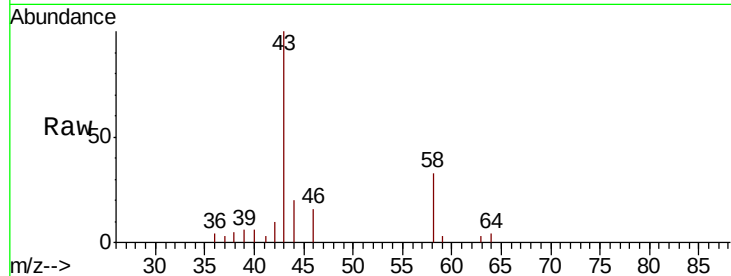




#13
Acetone
Concen: 10.056 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.02 min
Lab File: VV018620.D
Acq: 02 Oct 2020 13:02

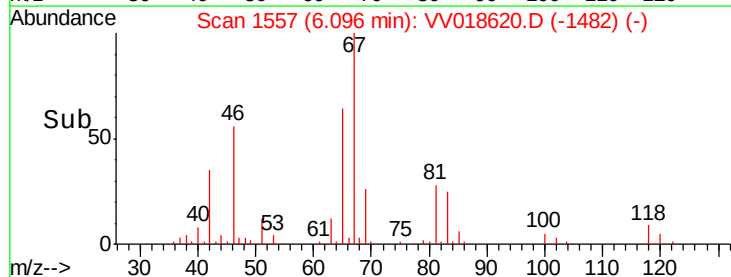
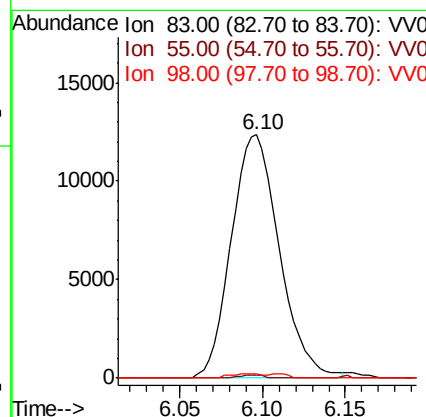
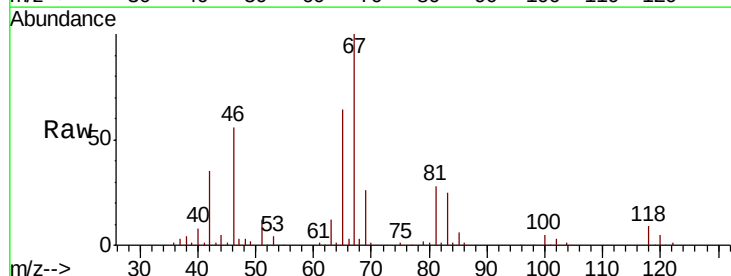
Instrument :
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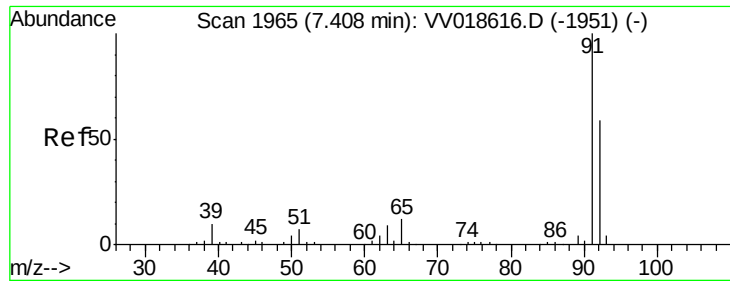
Tot Ion: 43 Resp: 10869
Ion Ratio Lower Upper
43 100
58 36.5 0.0 64.0



#35
Methylcyclohexane
Concen: 7.535 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018620.D
Acq: 02 Oct 2020 13:02

Tgt Ion: 83 Resp: 24838
Ion Ratio Lower Upper
83 100
55 0.4 60.1 90.1#
98 1.3 40.2 60.4#





#42

Toluene

Concen: 0.744 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018620.D

Acq: 02 Oct 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

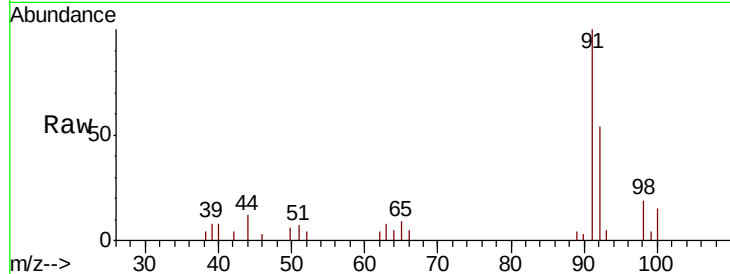
C0AS6

Tot Ion: 91 Resp: 6773

Ion Ratio Lower Upper

91 100

92 54.1 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV018616.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV018620.D (-2105) (-)

7.41

4000

3000

2000

1000

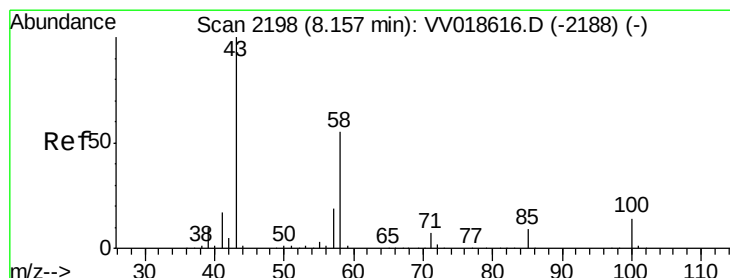
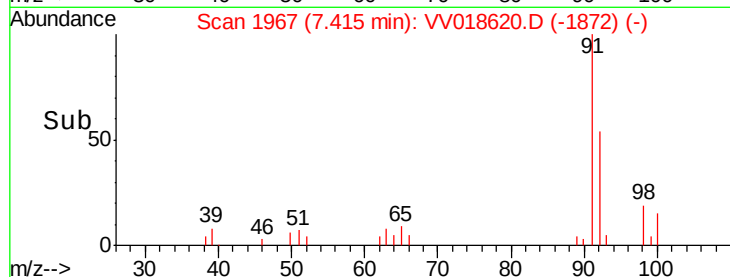
0

7.35

7.40

7.45

Time-->



#48

2-Hexanone

Concen: 6.102 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018620.D

Acq: 02 Oct 2020 13:02

Tgt Ion: 43 Resp: 13268

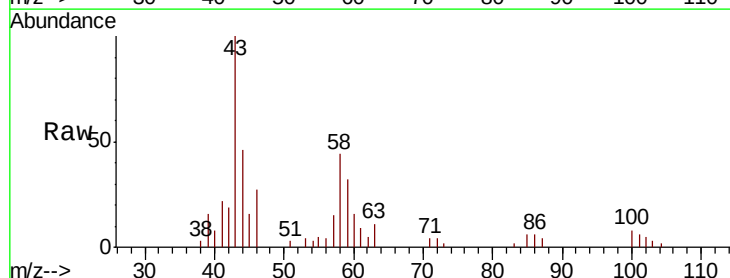
Ion Ratio Lower Upper

43 100

58 36.2 45.1 67.7#

57 13.4 15.7 23.5#

100 4.2 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018616.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV018620.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV018620.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV018620.D (-2105) (-)

8.16

8000

6000

4000

2000

0

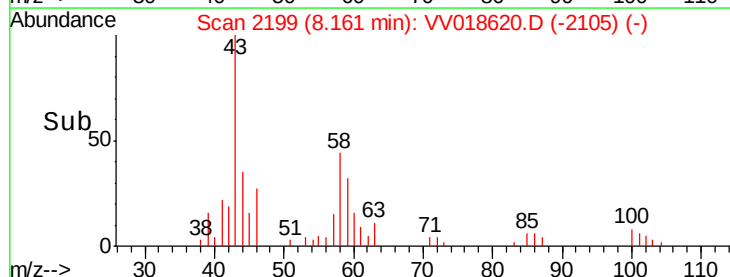
8.10

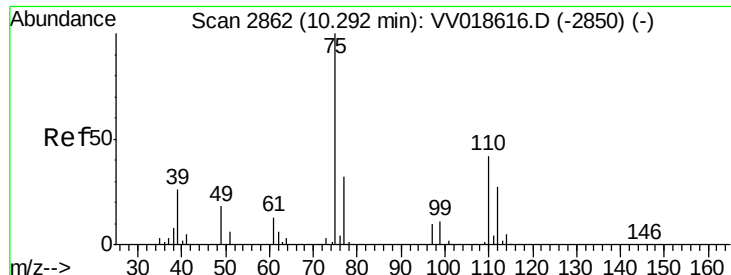
8.15

8.20

8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.121 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018620.D

Acq: 02 Oct 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

C0AS6

Tot Ion: 75 Resp: 16078

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.0#

