

Data File : VV010610.D
Acq On : 01 May 2019 17:45
Operator : SY/MD
Sample : K2590-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X98

Quant Time: May 02 08:23:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77427	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23512	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.57	69	17408	5.94	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.13	63	32918	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	57093	53.43	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	4.40	84	45602	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	25770	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	97533	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	30516	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	87152	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	9830	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.13	63	48123	57.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21459	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	33780	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

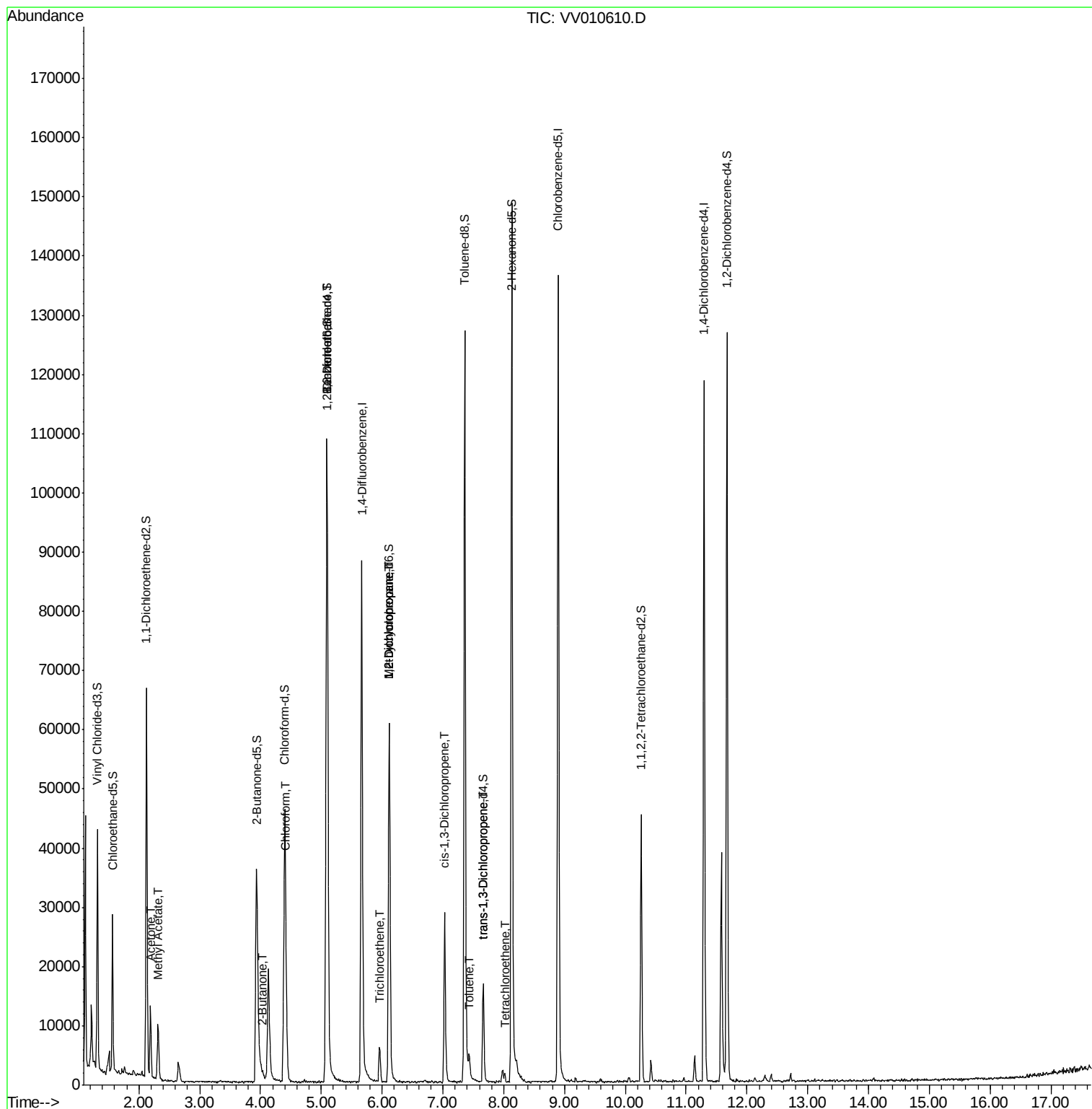
					Qvalue
13) Acetone	2.19	43	10831	17.069 ug/L	100
15) Methyl Acetate	2.32	43	2478	1.262 ug/L #	54
21) 2-Butanone	4.04	43	1191	1.104 ug/L	85
25) Chloroform	4.42	83	4538	0.438 ug/L	88
27) 1,2-Dichloroethane	5.10	62	656	0.111 ug/L #	74
34) Trichloroethene	5.96	95	1804	0.302 ug/L	93
35) Methylcyclohexane	6.12	83	7274	0.841 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3270	0.631 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	775	0.110 ug/L #	80
42) Toluene	7.43	91	2345	0.099 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	449	0.082 ug/L #	45
47) Tetrachloroethene	8.02	164	532	0.113 ug/L #	68

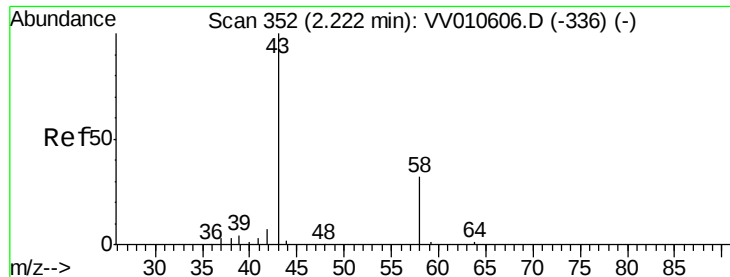
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.069 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV010610.D

Acq: 01 May 2019 17:45

Instrument :

MSVOA_V

ClientSampleId :

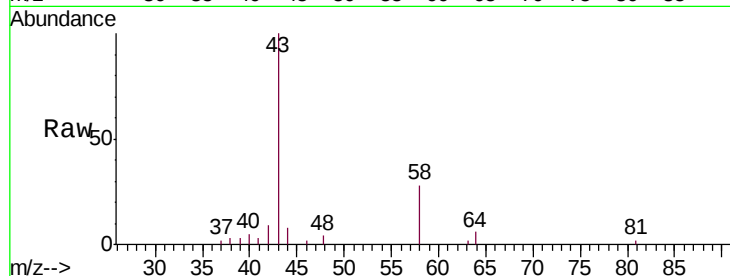
C0X98

Tgt Ion: 43 Resp: 10831

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV010610.D (-342) (-)

Ion 58.05 (57.75 to 58.75): VV010610.D (-342) (-)

2.19

8000

6000

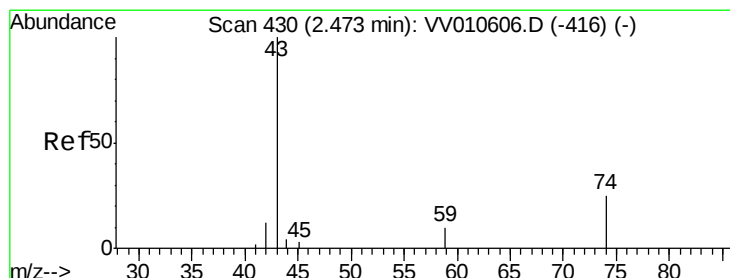
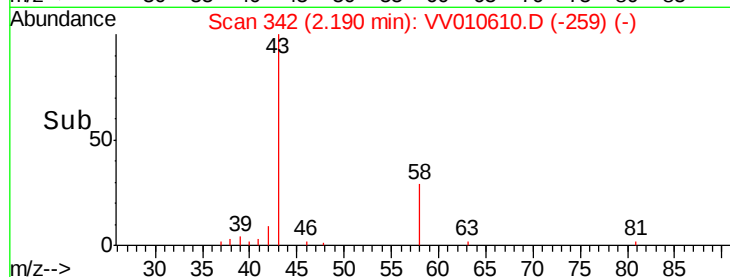
4000

2000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 1.262 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.16 min

Lab File: VV010610.D

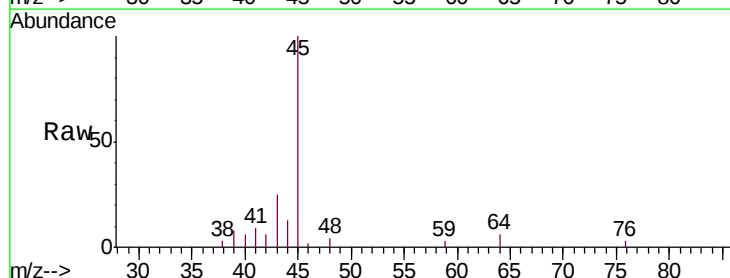
Acq: 01 May 2019 17:45

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



Abundance Ion 43.05 (42.75 to 43.75): VV010610.D (-381) (-)

Ion 74.05 (73.75 to 74.75): VV010610.D (-381) (-)

2.32

1500

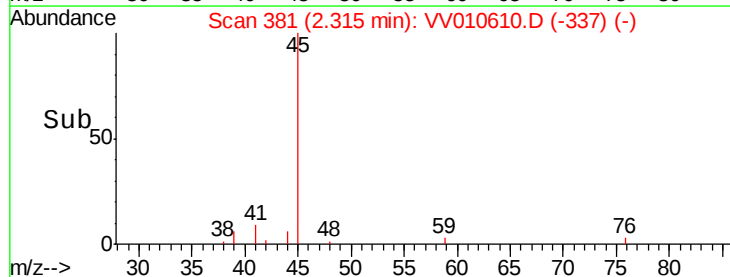
1000

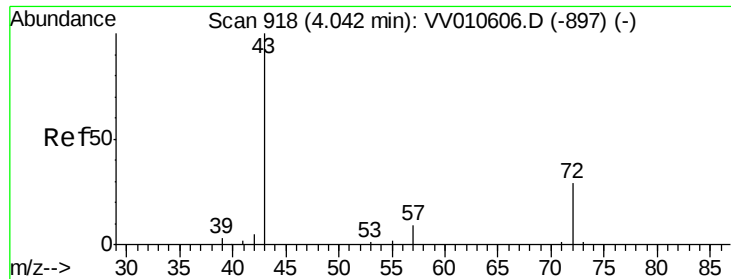
500

0

Time-->

2.25 2.30 2.35

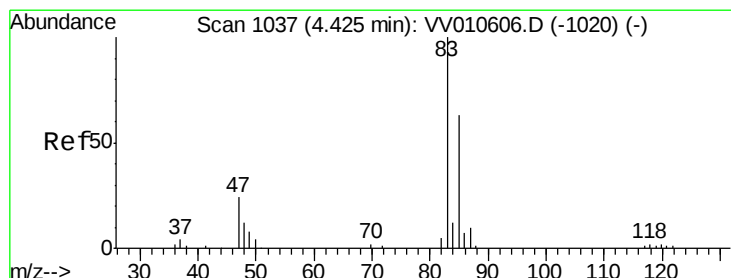
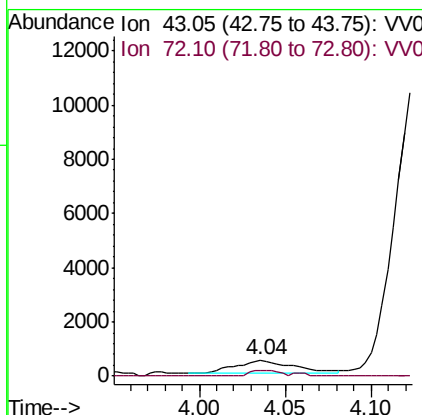
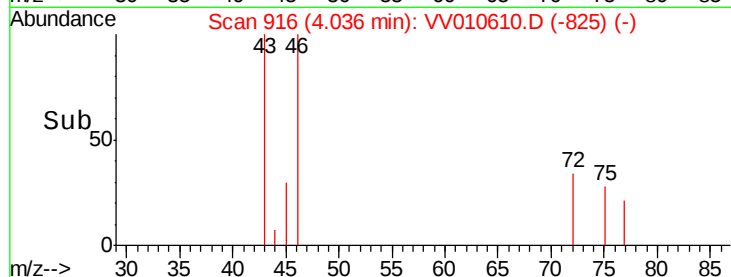
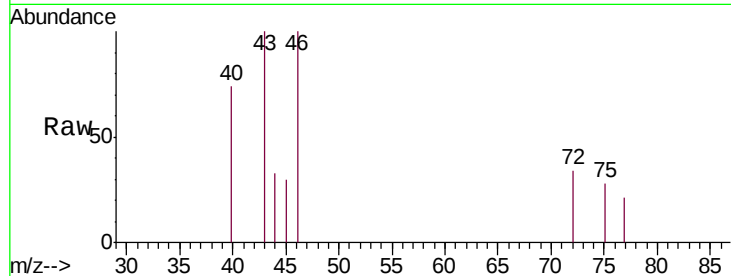




#21
2-Butanone
Concen: 1.104 ug/L
RT: 4.04 min Scan# 916
Delta R.T. -0.01 min
Lab File: VV010610.D
Acq: 01 May 2019 17:45

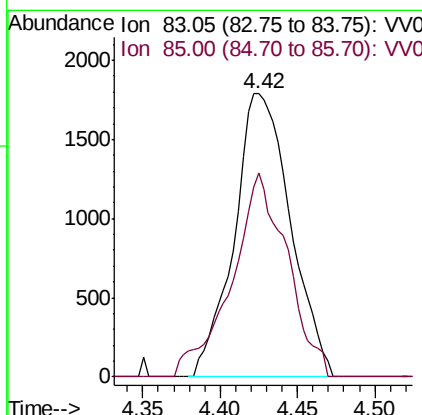
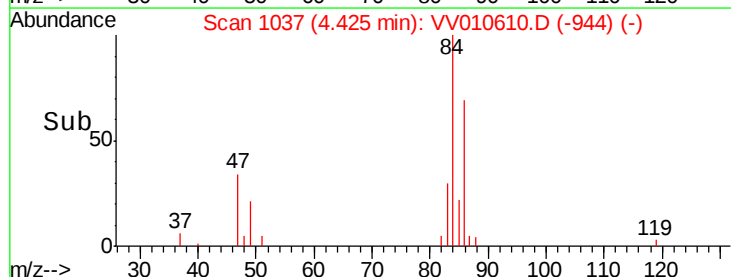
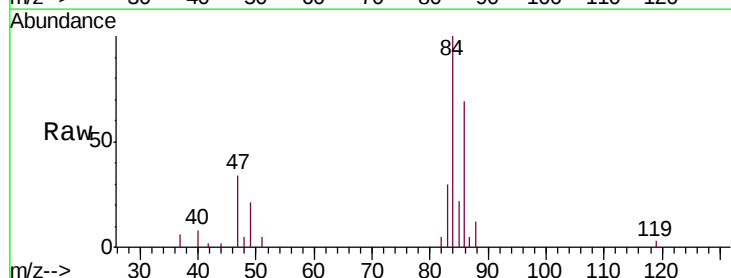
Instrument :
MSVOA_V
ClientSampled :
C0X98

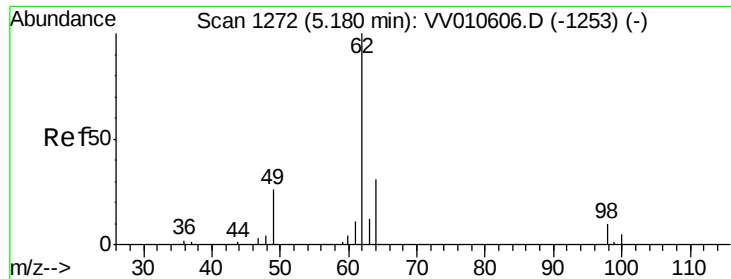
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
72 19.9 13.8 41.3



#25
Chloroform
Concen: 0.438 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010610.D
Acq: 01 May 2019 17:45

Tgt Ion: 83 Resp: 4538
Ion Ratio Lower Upper
83 100
85 71.9 43.7 81.1

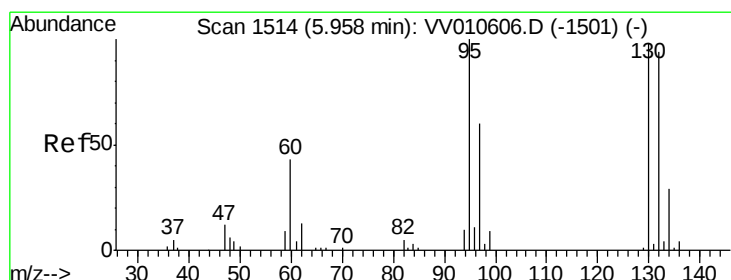
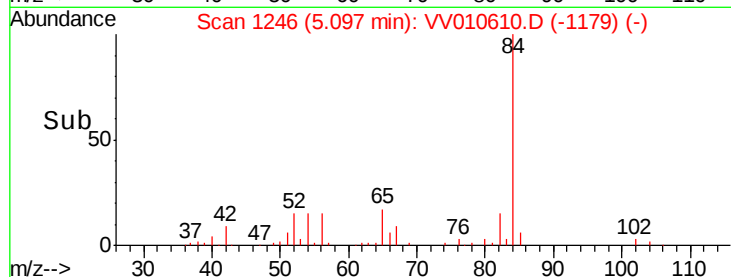
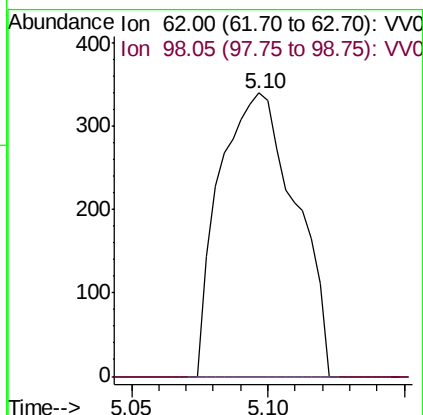
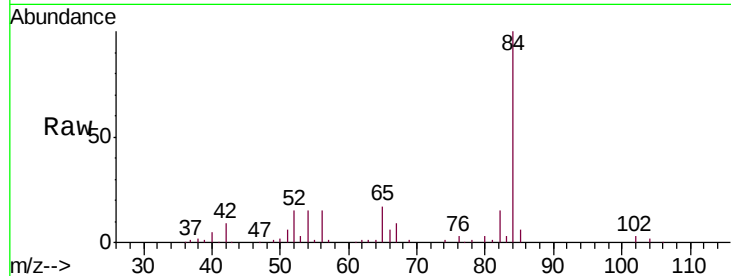




#27
 1,2-Dichloroethane
 Concen: 0.111 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV010610.D
 Acq: 01 May 2019 17:45

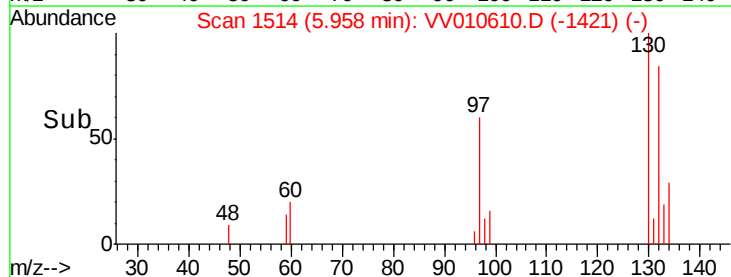
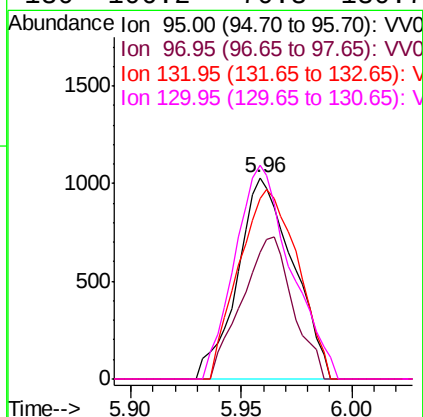
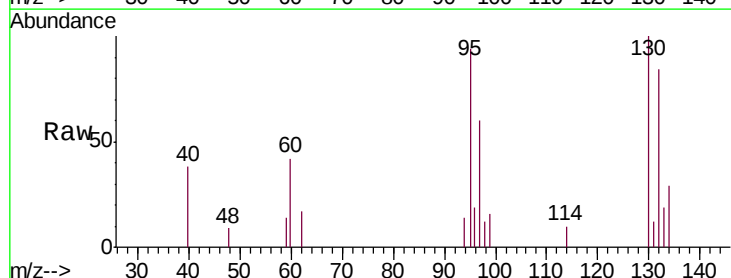
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X98

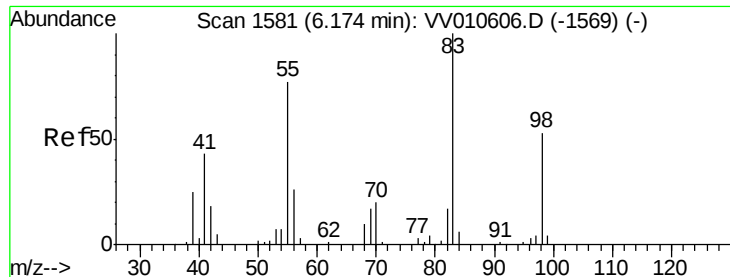
Tgt Ion: 62 Resp: 656
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#34
 Trichloroethene
 Concen: 0.302 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV010610.D
 Acq: 01 May 2019 17:45

Tgt Ion: 95 Resp: 1804
 Ion Ratio Lower Upper
 95 100
 97 63.3 42.4 78.6
 132 89.6 69.3 128.7
 130 106.2 70.3 130.7

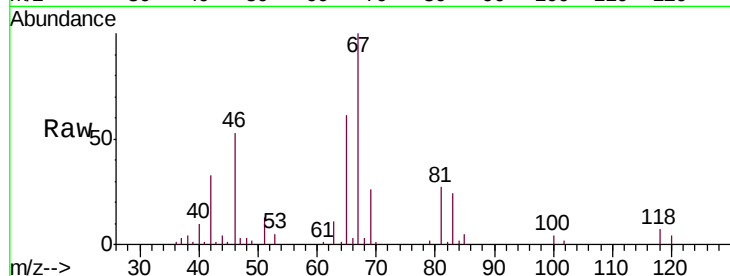




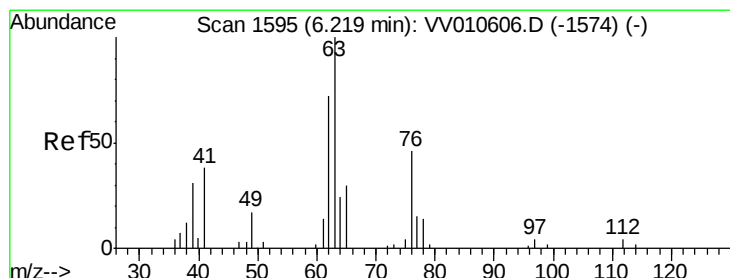
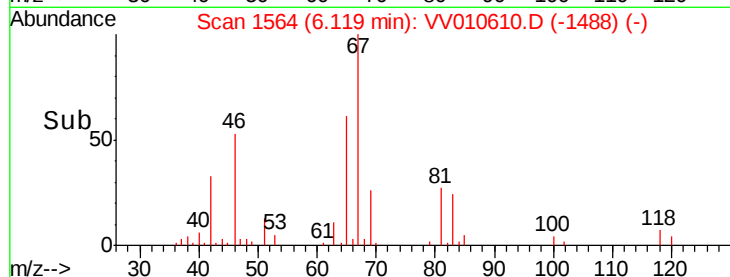
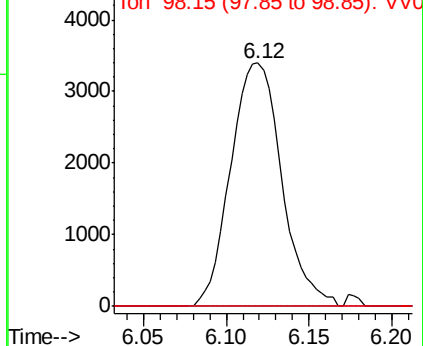
#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010610.D
Acq: 01 May 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
C0X98

Tgt Ion: 83 Resp: 7274
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 4.4 38.7 58.1#

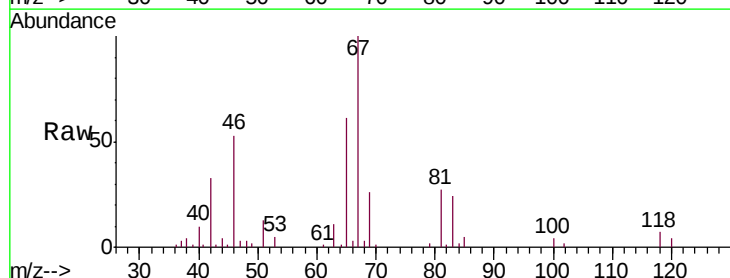


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

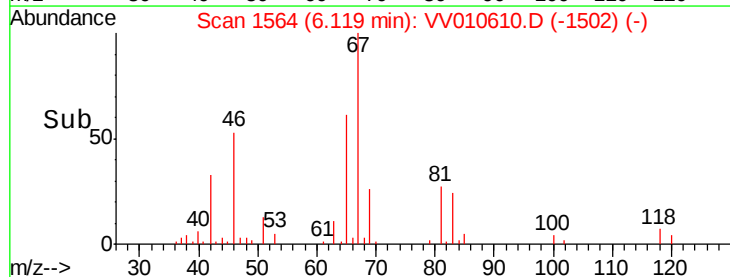
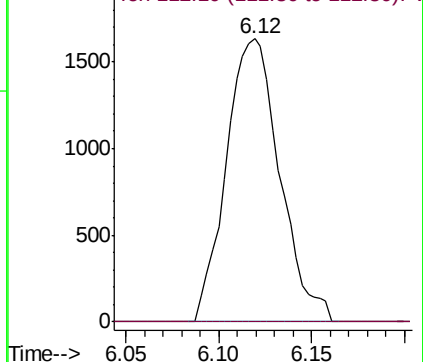


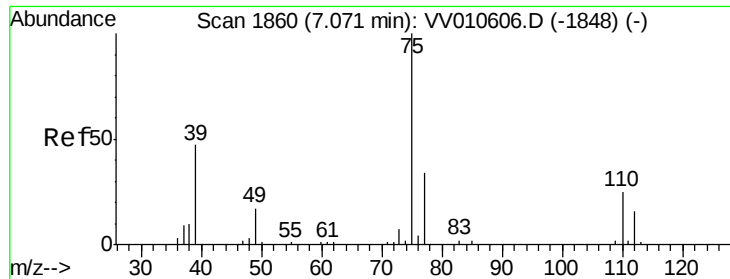
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010610.D
Acq: 01 May 2019 17:45

Tgt Ion: 63 Resp: 3270
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

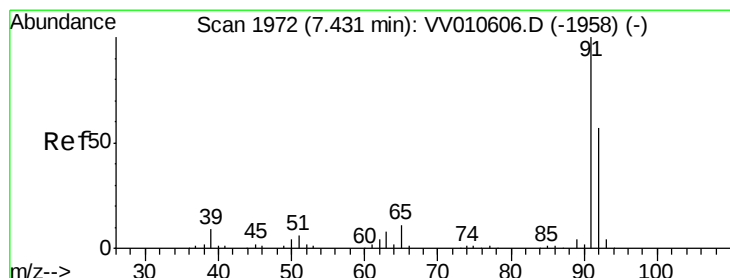
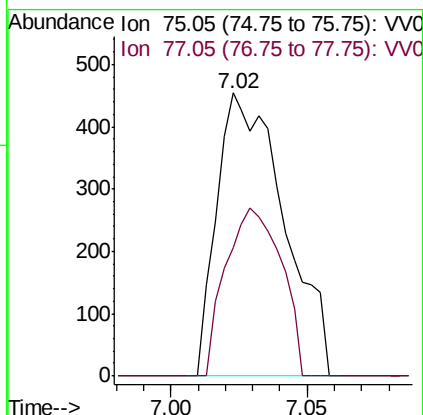
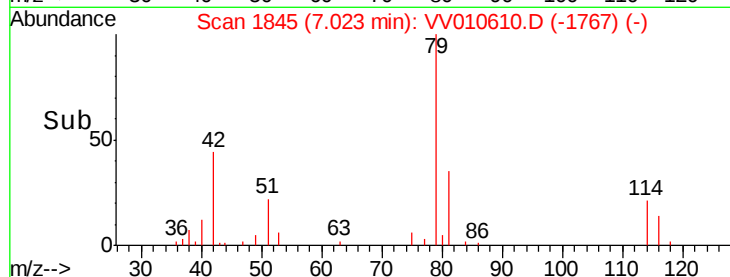
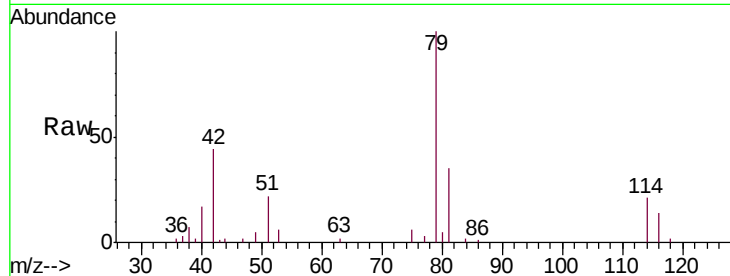




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010610.D
 Acq: 01 May 2019 17:45

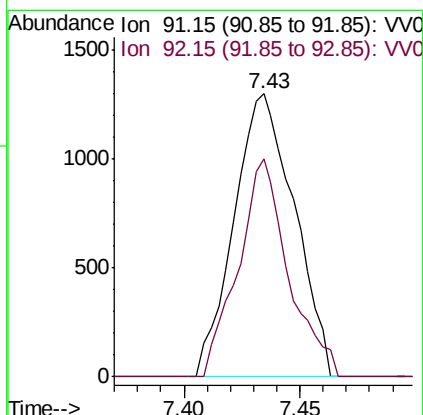
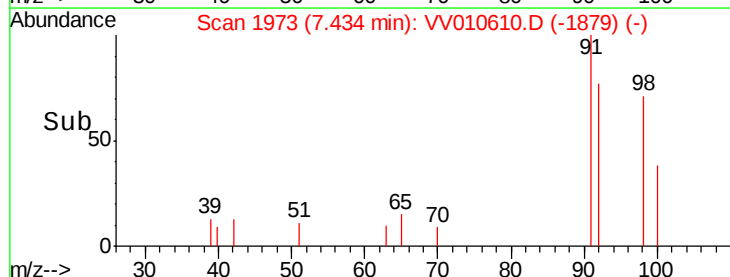
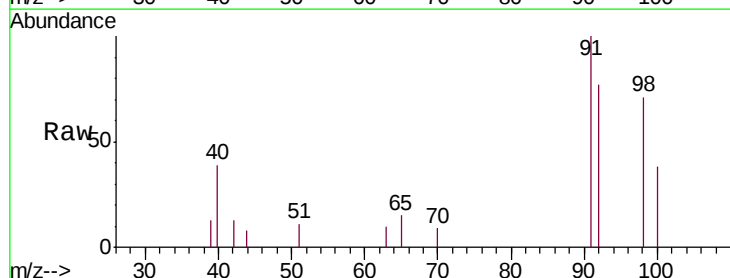
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X98

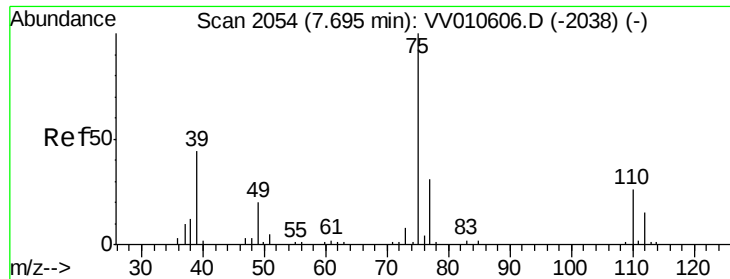
Tgt Ion: 75 Resp: 775
 Ion Ratio Lower Upper
 75 100
 77 45.4 23.9 44.3#



#42
 Toluene
 Concen: 0.099 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV010610.D
 Acq: 01 May 2019 17:45

Tgt Ion: 91 Resp: 2345
 Ion Ratio Lower Upper
 91 100
 92 77.0 40.0 74.4#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010610.D

Acq: 01 May 2019 17:45

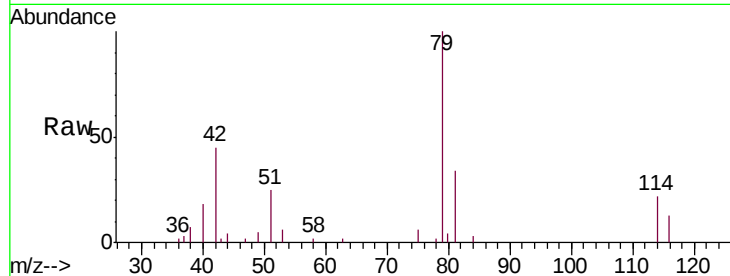
Instrument :
MSVOA_V
ClientSampleId :
C0X98

Tgt Ion: 75 Resp: 449

Ion Ratio Lower Upper

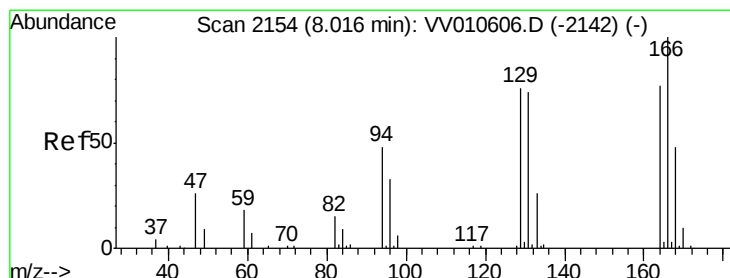
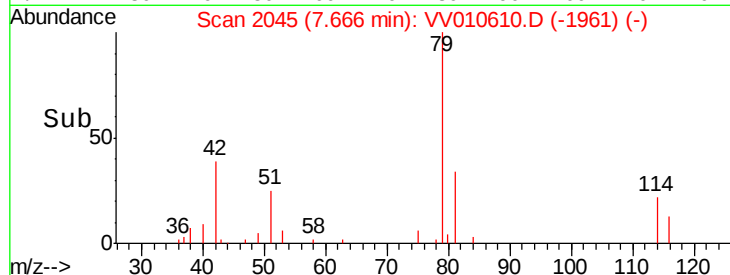
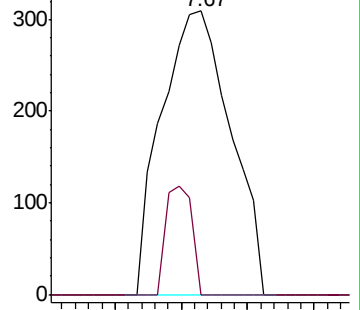
75 100

77 0.0 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.113 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010610.D

Acq: 01 May 2019 17:45

Tgt Ion: 164 Resp: 532

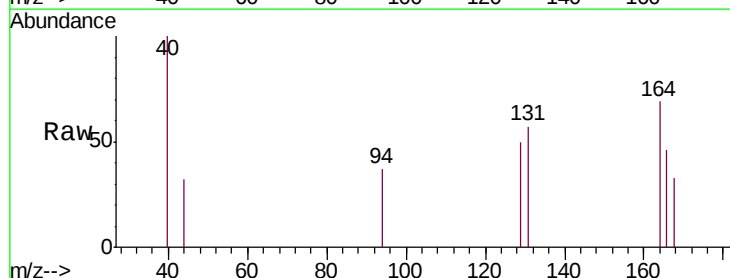
Ion Ratio Lower Upper

164 100

129 72.8 69.9 129.7

131 83.4 65.6 121.8

166 66.5 88.9 165.1#



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

