

Data File : VV010611.D
Acq On : 01 May 2019 18:11
Operator : SY/MD
Sample : K2590-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X99

Quant Time: May 02 08:24:00 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	5.66	114	75236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23814	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.57	69	17764	6.24	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.80%
11) 1,1-Dichloroethene-d2	2.13	63	32738	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.93	46	58603	56.44	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.88%
24) Chloroform-d	4.40	84	45187	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	25251	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	98764	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	29513	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	89286	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	9714	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	48426	57.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21518	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	33200	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

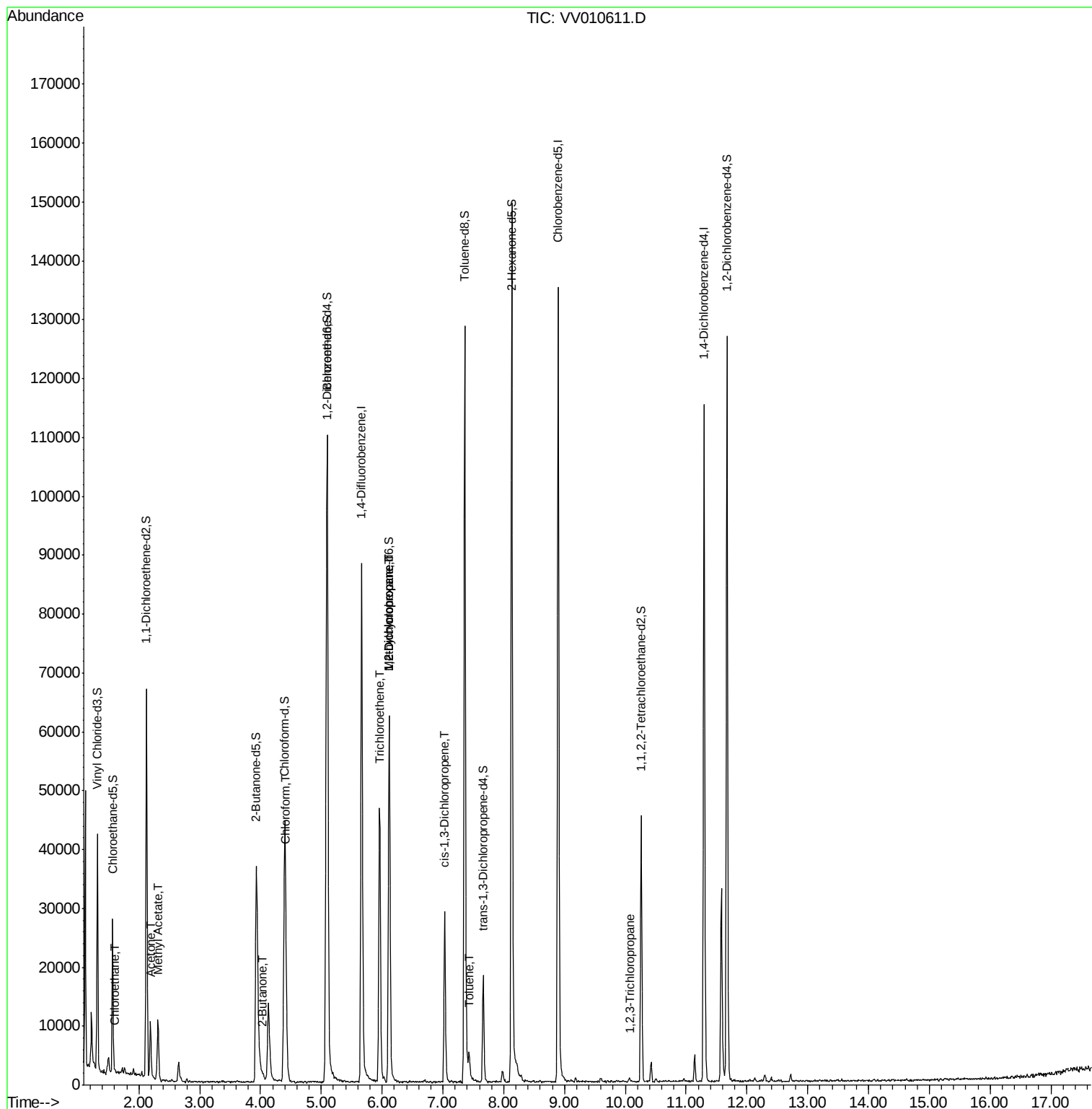
					Qvalue
8) Chloroethane	1.61	64	339	0.132 ug/L #	41
13) Acetone	2.19	43	8876	14.395 ug/L	94
15) Methyl Acetate	2.32	43	2665	1.397 ug/L #	54
21) 2-Butanone	4.04	43	1552	1.481 ug/L #	61
25) Chloroform	4.42	83	5322	0.529 ug/L	96
34) Trichloroethene	5.96	95	16335	2.739 ug/L	99
35) Methylcyclohexane	6.12	83	7884	0.912 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3238	0.626 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	700	0.100 ug/L #	77
42) Toluene	7.43	91	2473	0.104 ug/L	92
59) 1,2,3-Trichloropropane	10.06	75	482	0.164 ug/L #	44

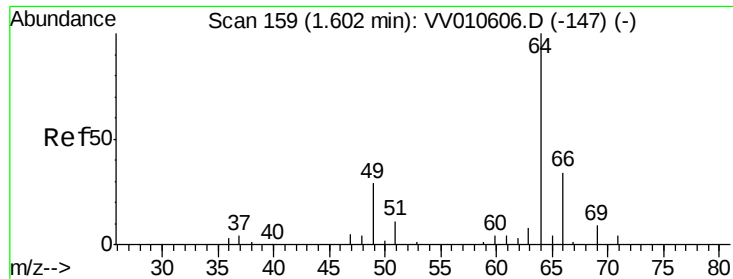
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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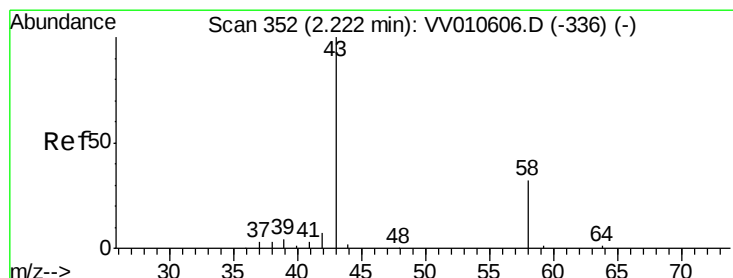
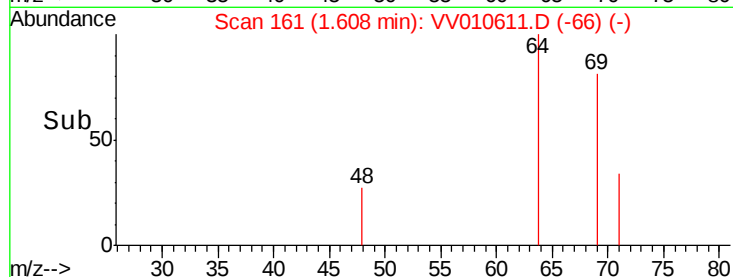
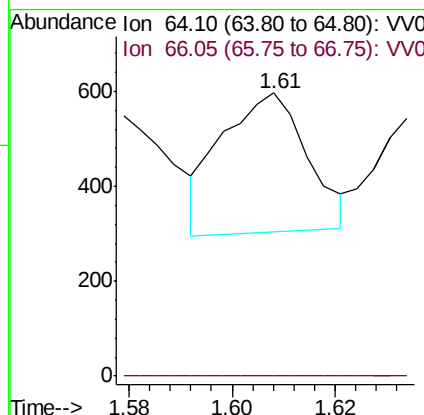
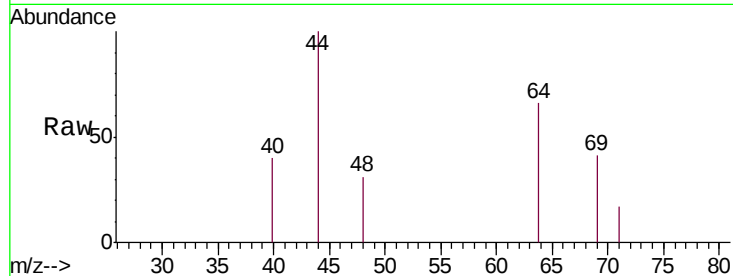




#8
 Chloroethane
 Concen: 0.132 ug/L
 RT: 1.61 min Scan# 161
 Delta R.T. 0.01 min
 Lab File: VV010611.D
 Acq: 01 May 2019 18:11

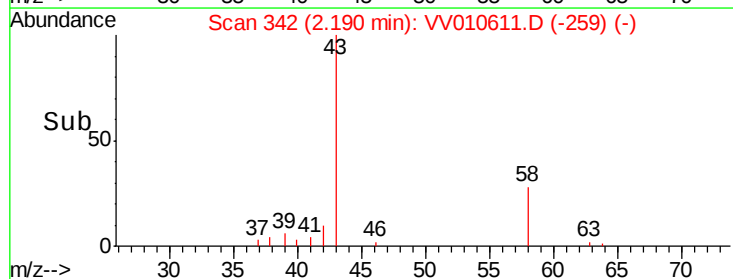
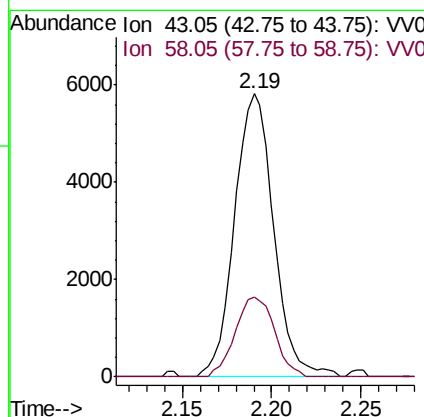
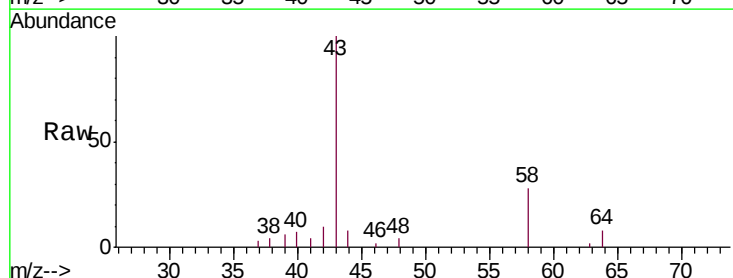
Instrument :
 MSVOA_V
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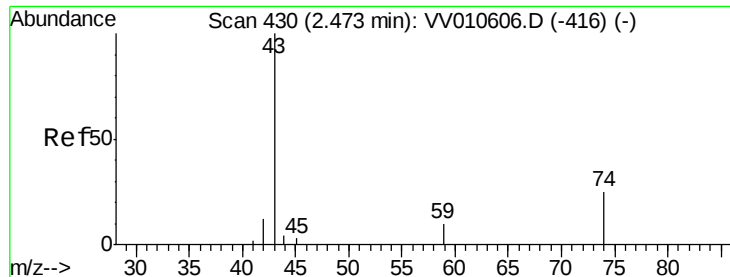
Tgt Ion: 64 Resp: 339
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.8 44.2#



#13
 Acetone
 Concen: 14.395 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.03 min
 Lab File: VV010611.D
 Acq: 01 May 2019 18:11

Tgt Ion: 43 Resp: 8876
 Ion Ratio Lower Upper
 43 100
 58 28.2 0.0 62.8

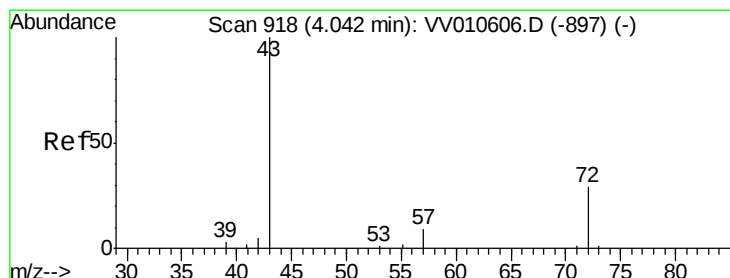
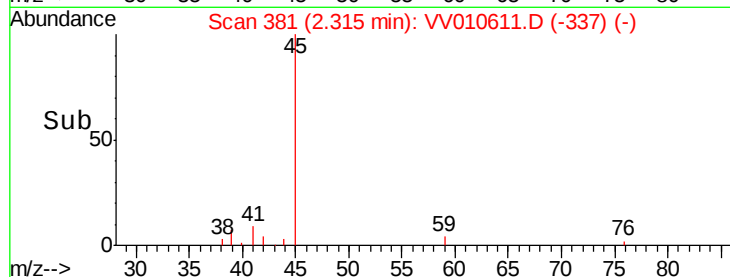
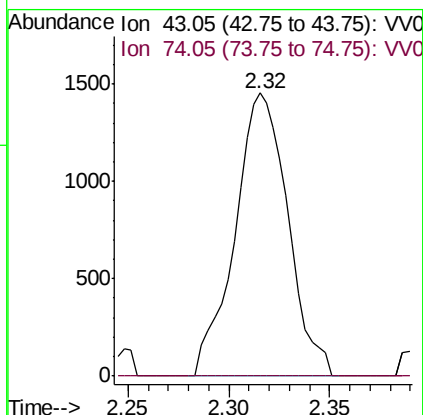
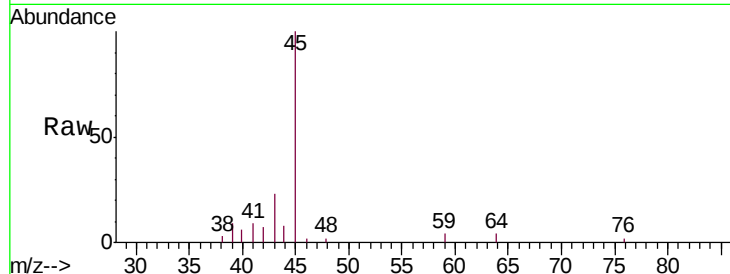




#15
Methyl Acetate
Concen: 1.397 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.16 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

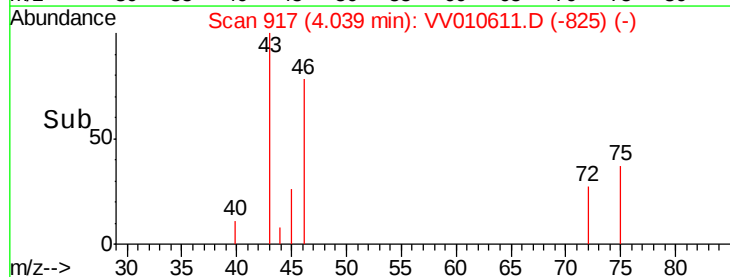
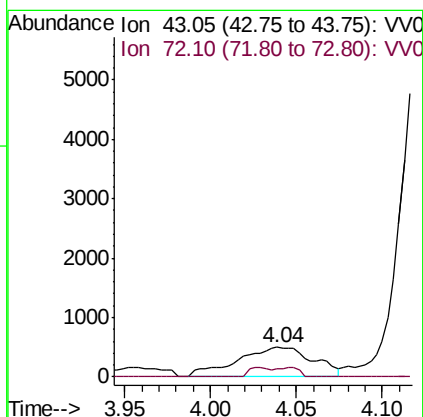
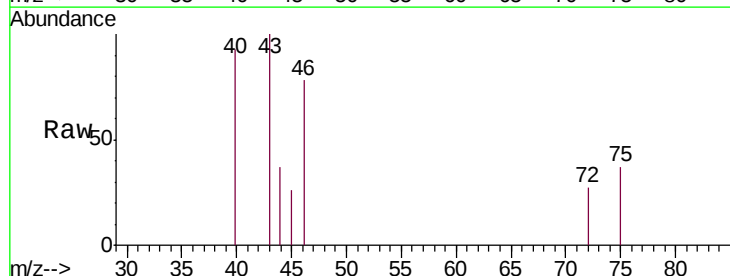
Instrument :
MSVOA_V
ClientSampleId :
C0X99

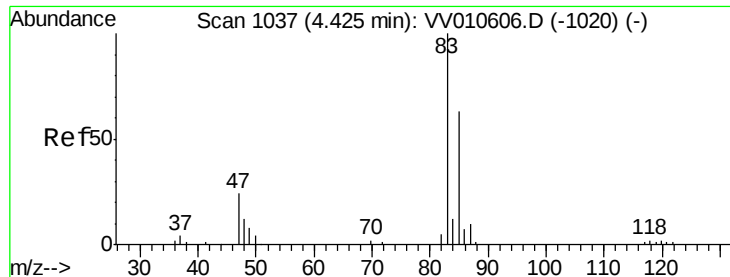
Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#21
2-Butanone
Concen: 1.481 ug/L
RT: 4.04 min Scan# 917
Delta R.T. -0.00 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
72 7.1 13.8 41.3#

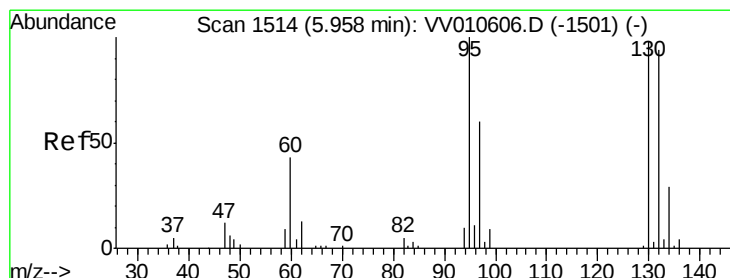
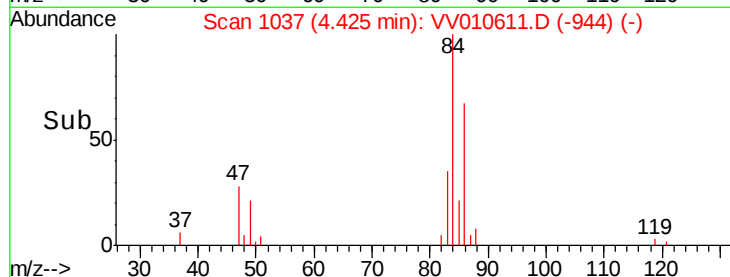
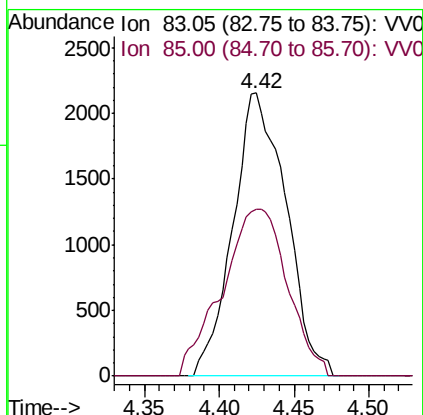
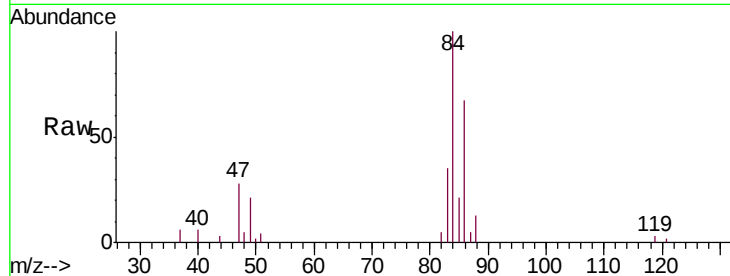




#25
Chloroform
Concen: 0.529 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

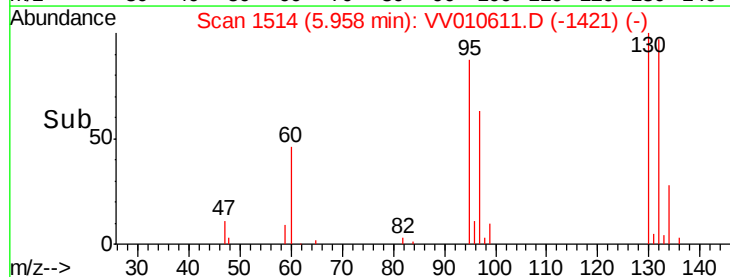
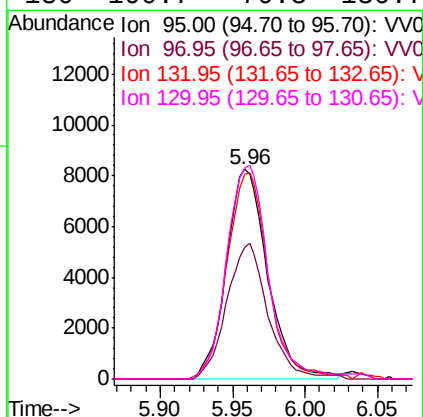
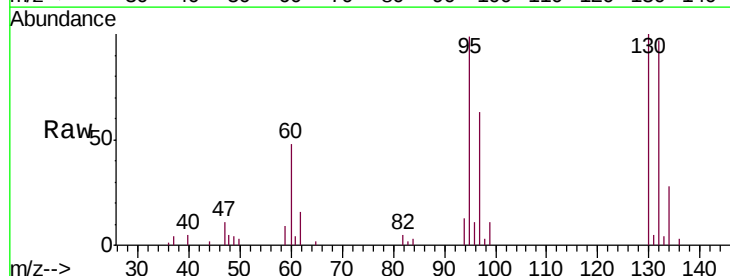
Instrument :
MSVOA_V
ClientSampleId :
C0X99

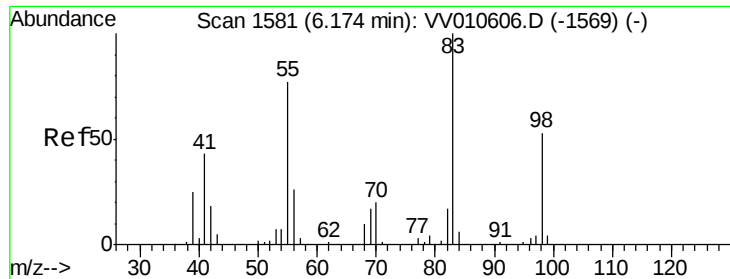
Tgt Ion: 83 Resp: 5322
Ion Ratio Lower Upper
83 100
85 59.1 43.7 81.1



#34
Trichloroethene
Concen: 2.739 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

Tgt Ion: 95 Resp: 16335
Ion Ratio Lower Upper
95 100
97 63.1 42.4 78.6
132 97.8 69.3 128.7
130 100.7 70.3 130.7

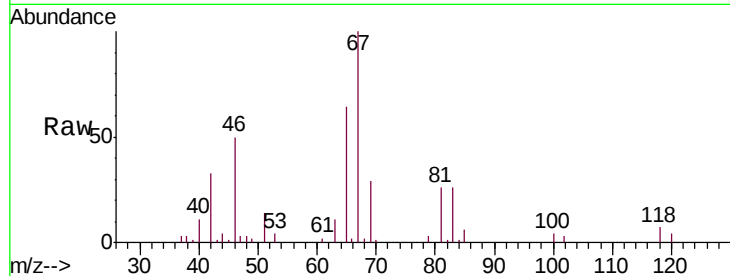




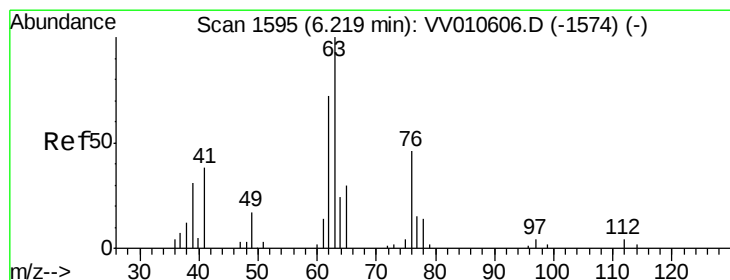
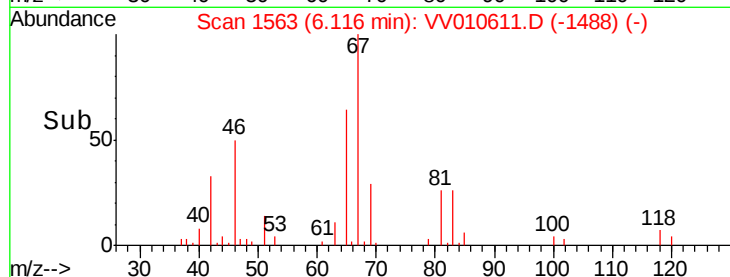
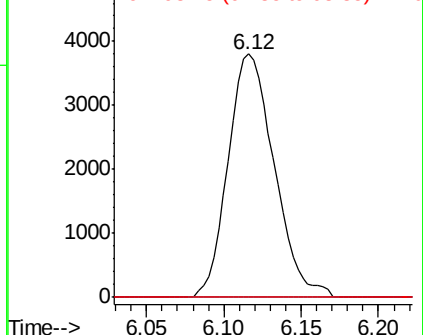
#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

Instrument :
MSVOA_V
ClientSampleId :
C0X99

Tgt Ion: 83 Resp: 7884
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 3.5 38.7 58.1#

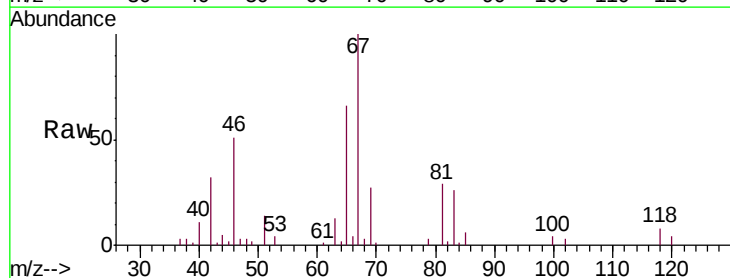


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

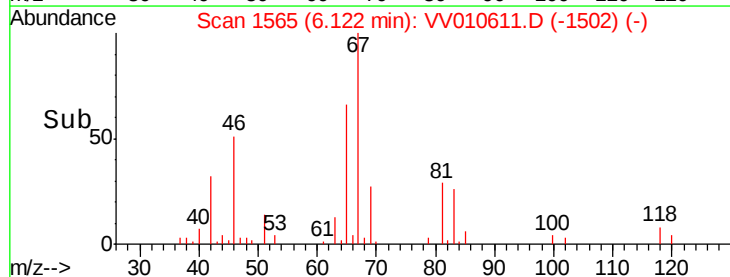
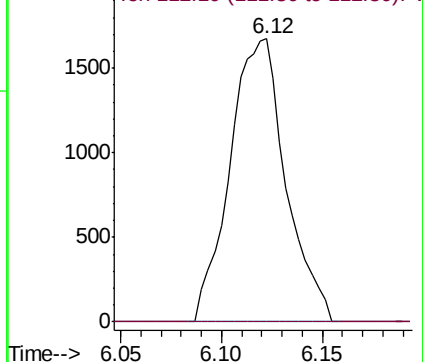


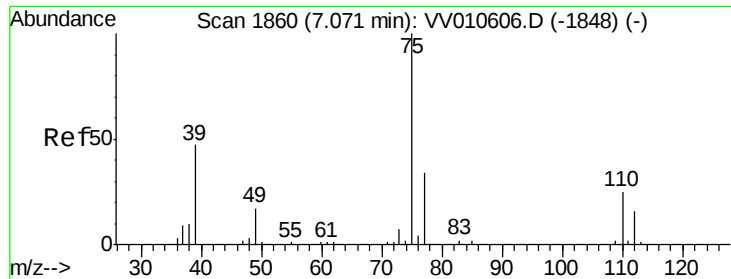
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010611.D
Acq: 01 May 2019 18:11

Tgt Ion: 63 Resp: 3238
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

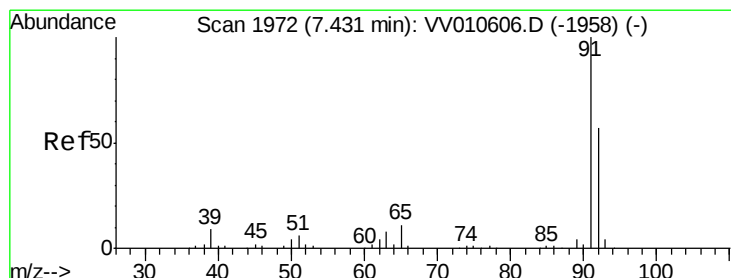
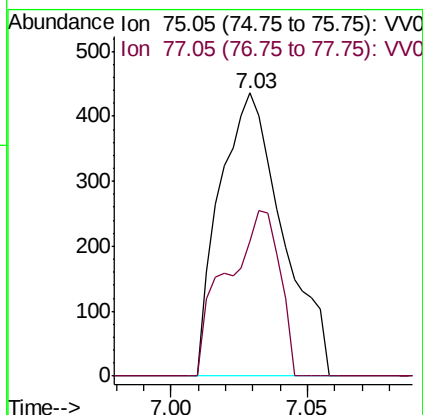
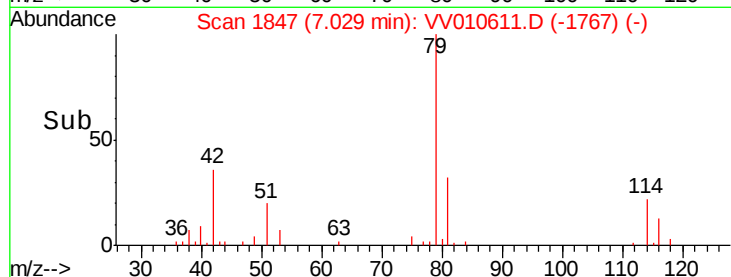
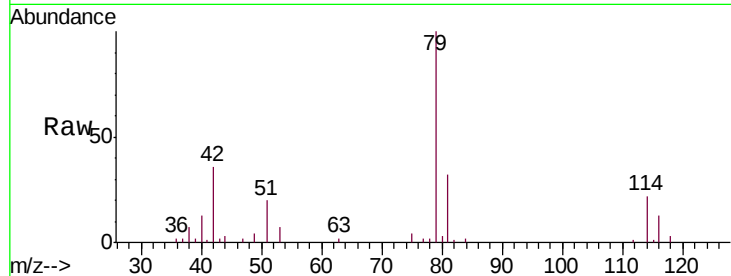




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010611.D
 Acq: 01 May 2019 18:11

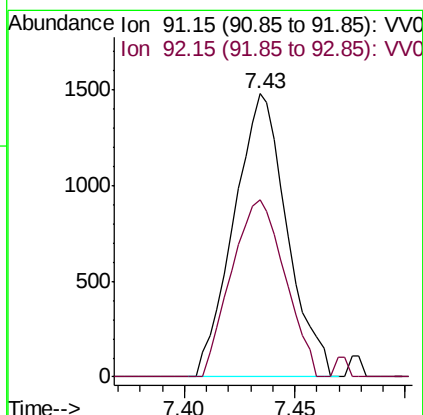
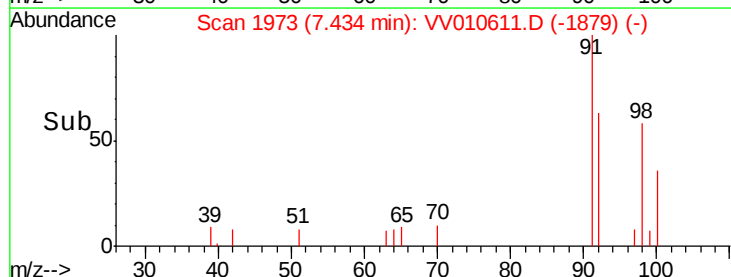
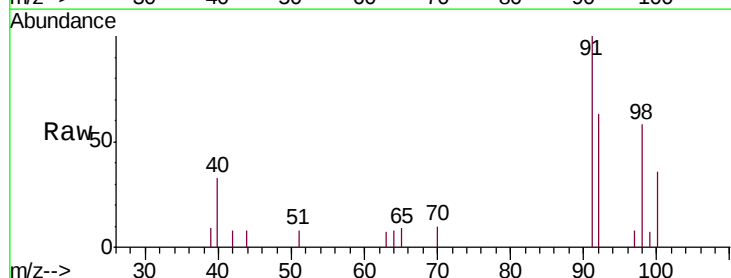
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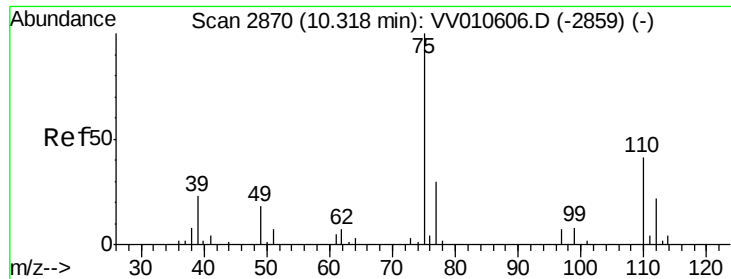
Tgt Ion: 75 Resp: 700
 Ion Ratio Lower Upper
 75 100
 77 47.5 23.9 44.3#



#42
 Toluene
 Concen: 0.104 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV010611.D
 Acq: 01 May 2019 18:11

Tgt Ion: 91 Resp: 2473
 Ion Ratio Lower Upper
 91 100
 92 62.8 40.0 74.4





#59

1,2,3-Trichloropropane

Concen: 0.164 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV010611.D

Acq: 01 May 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

C0X99

Tgt Ion: 75 Resp: 482

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

