

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006308.D
 Acq On : 16 Jun 2018 04:05
 Operator : SY/MD
 Sample : J3473-19
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KD3

Quant Time: Jun 16 05:16:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 16 00:57:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	260140	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64360	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	63937	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	96142	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.95	46	223042	73.93	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.86%#
24) Chloroform-d	4.41	84	143074	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	77118	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.11	84	282479	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	91760	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.37	98	239229	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	26233	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.14	63	173958	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68448	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	100079	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

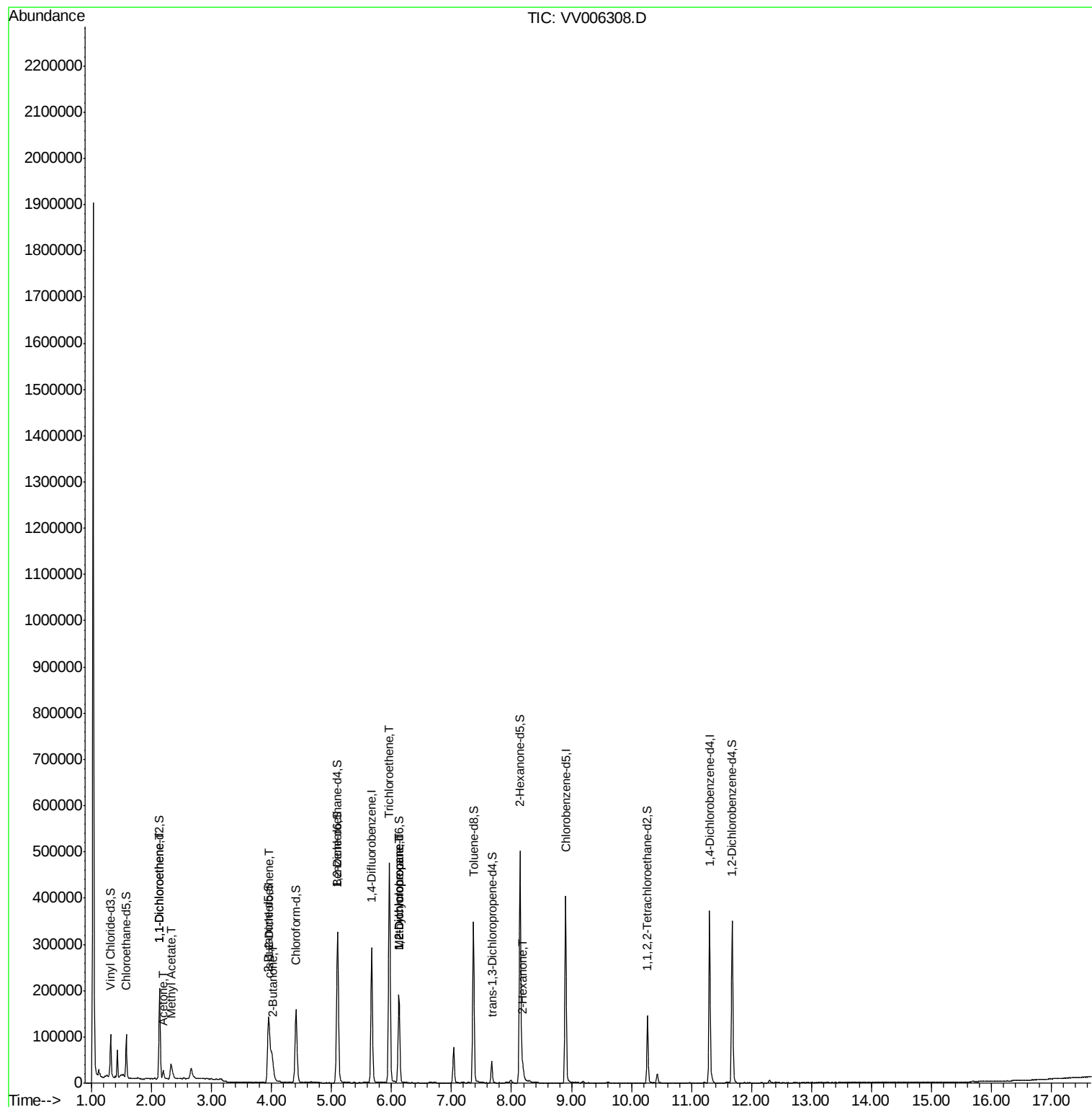
					Qvalue
12) 1,1-Dichloroethene	2.14	96	10524	0.705 ug/L #	1
13) Acetone	2.20	43	17370	10.625 ug/L	98
15) Methyl Acetate	2.32	43	11707	2.406 ug/L #	45
21) 2-Butanone	4.03	43	4001	1.345 ug/L #	1
22) cis-1,2-Dichloroethene	3.97	96	5330	0.302 ug/L #	100
34) Trichloroethene	5.96	95	163658	9.245 ug/L	96
35) Methylcyclohexane	6.12	83	22945	0.754 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9762	0.628 ug/L #	85
48) 2-Hexanone	8.19	43	18854	3.338 ug/L #	82

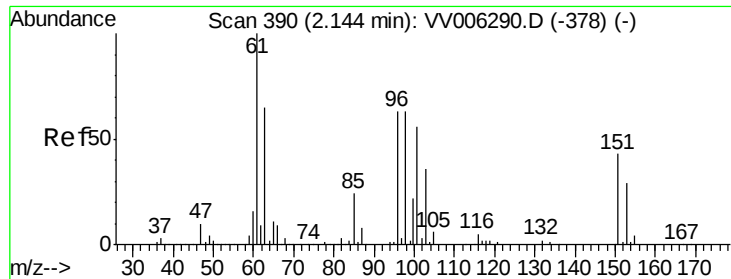
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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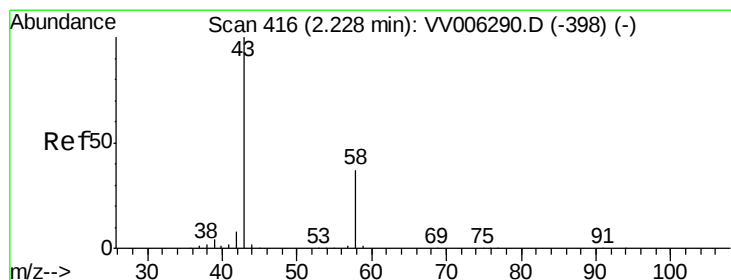
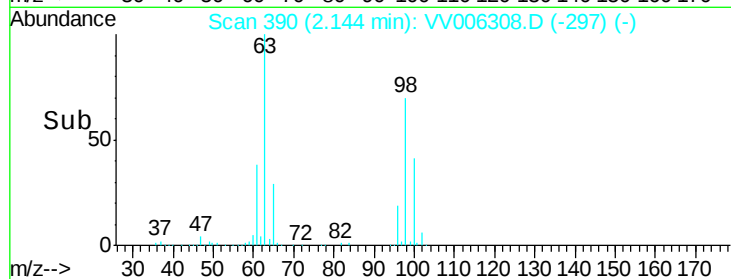
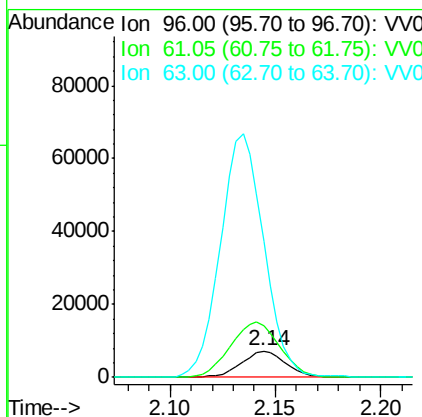
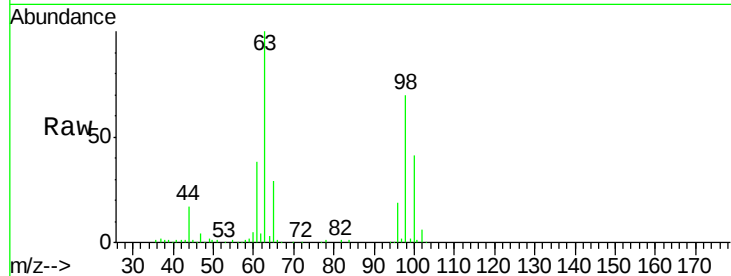




#12
 1,1-Dichloroethene
 Concen: 0.705 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006308.D
 Acq: 16 Jun 2018 04:05

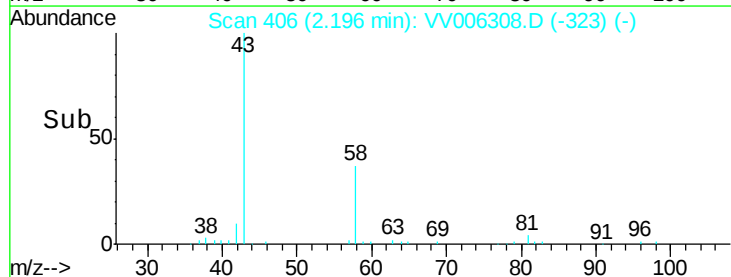
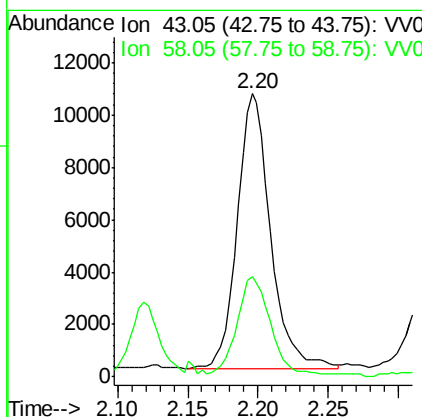
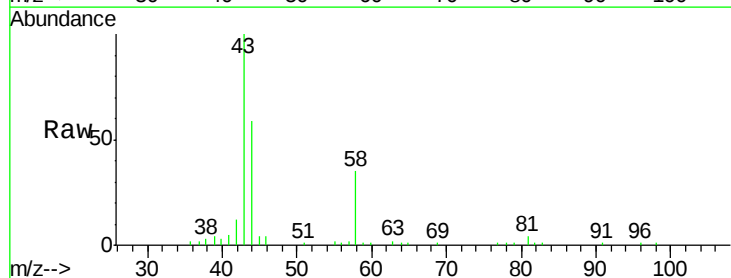
Instrument :
 MSVOA_V
 ClientSampled :
 C0KD3

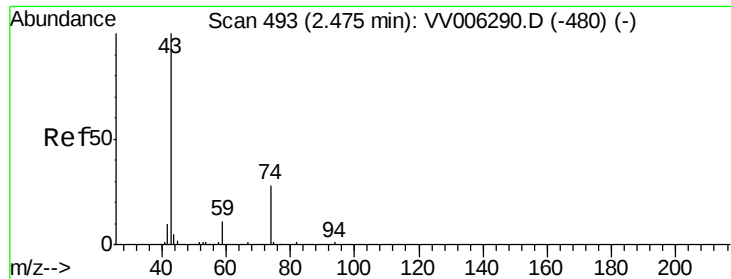
Tgt Ion: 96 Resp: 10524
 Ion Ratio Lower Upper
 96 100
 61 198.3 114.2 212.2
 63 523.4 85.0 157.8#



#13
 Acetone
 Concen: 10.625 ug/L
 RT: 2.20 min Scan# 406
 Delta R.T. -0.03 min
 Lab File: VV006308.D
 Acq: 16 Jun 2018 04:05

Tgt Ion: 43 Resp: 17370
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 67.4

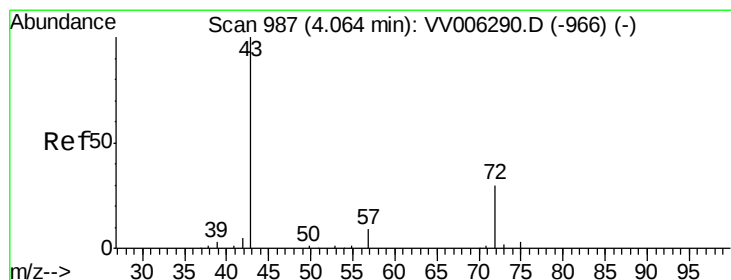
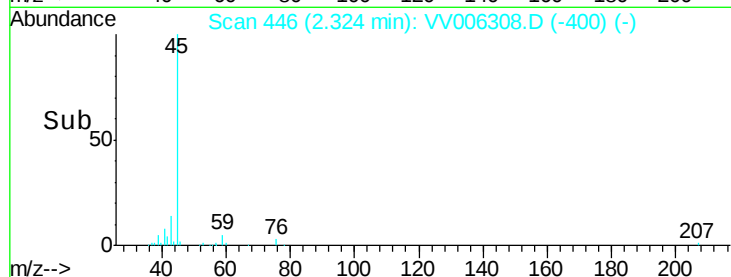
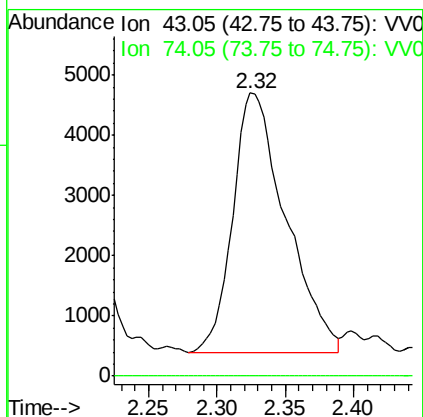
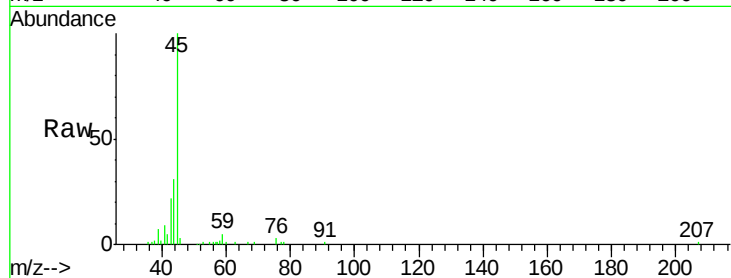




#15
Methyl Acetate
Concen: 2.406 ug/L
RT: 2.32 min Scan# 446
Delta R.T. -0.15 min
Lab File: VV006308.D
Acq: 16 Jun 2018 04:05

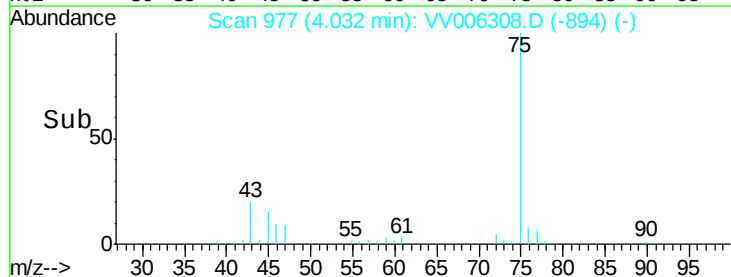
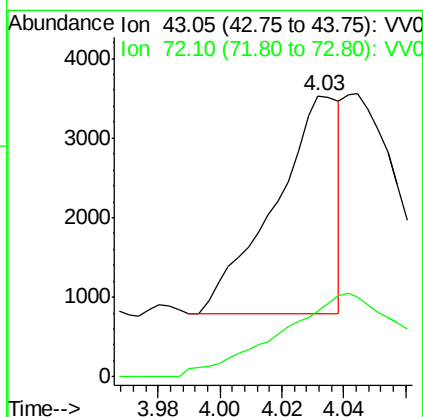
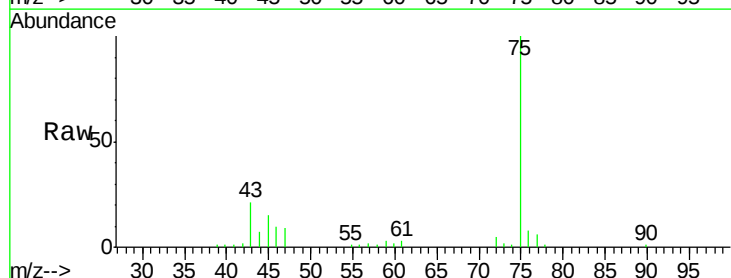
Instrument :
MSVOA_V
ClientSampled :
C0KD3

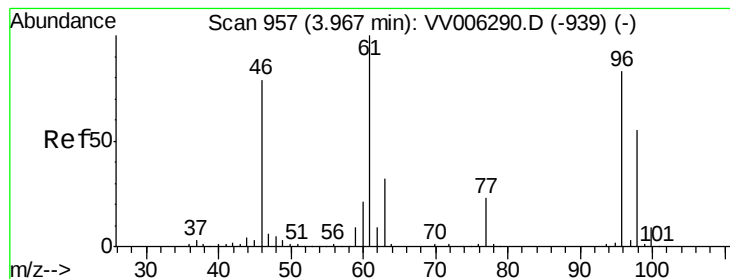
Tgt Ion: 43 Resp: 11707
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#21
2-Butanone
Concen: 1.345 ug/L
RT: 4.03 min Scan# 977
Delta R.T. -0.03 min
Lab File: VV006308.D
Acq: 16 Jun 2018 04:05

Tgt Ion: 43 Resp: 4001
Ion Ratio Lower Upper
43 100
72 79.0 13.8 41.3#





#22

cis-1,2-Dichloroethene

Concen: 0.302 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006308.D

Acq: 16 Jun 2018 04:05

Instrument :

MSVOA_V

ClientSampleId :

C0KD3

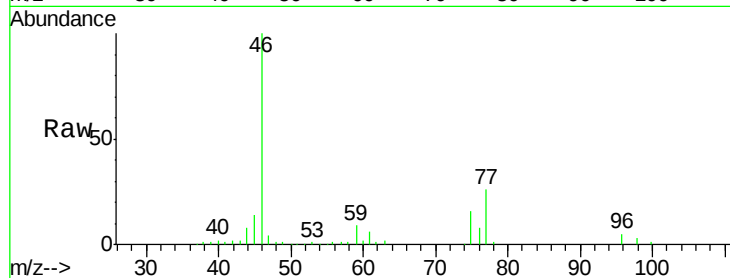
Tgt Ion: 96 Resp: 5330

Ion Ratio Lower Upper

96 100

61 120.4 84.1 156.3

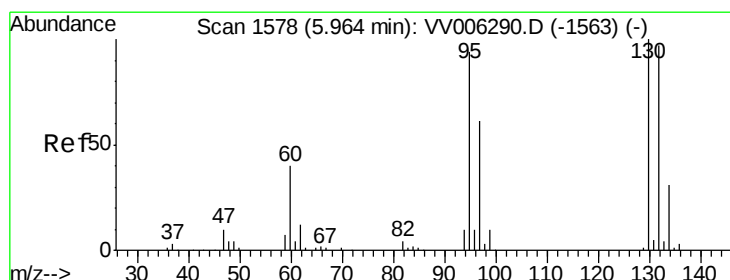
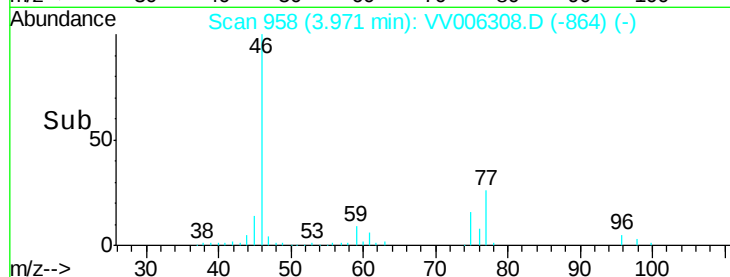
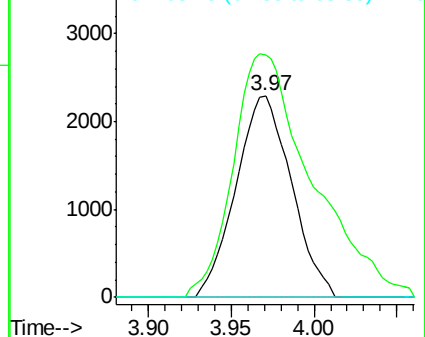
68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV006308.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006308.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006308.D (-864) (-)



#34

Trichloroethene

Concen: 9.245 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006308.D

Acq: 16 Jun 2018 04:05

Tgt Ion: 95 Resp: 163658

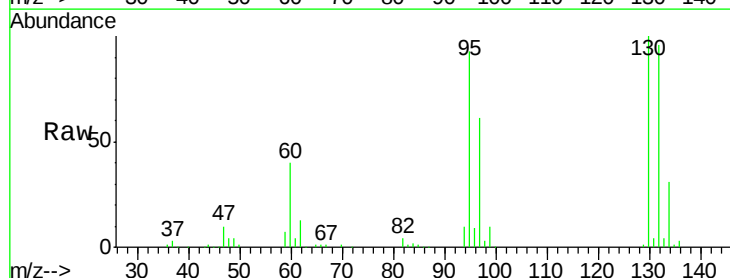
Ion Ratio Lower Upper

95 100

97 65.8 45.1 83.9

132 103.5 69.0 128.1

130 107.4 72.8 135.2

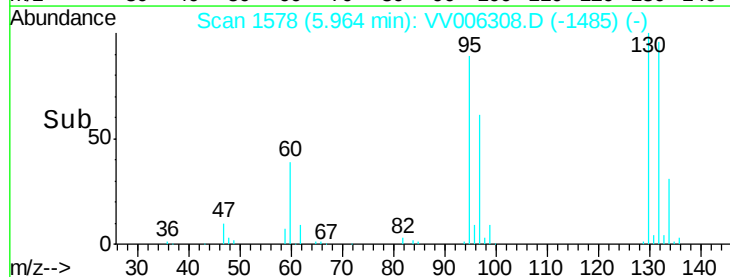
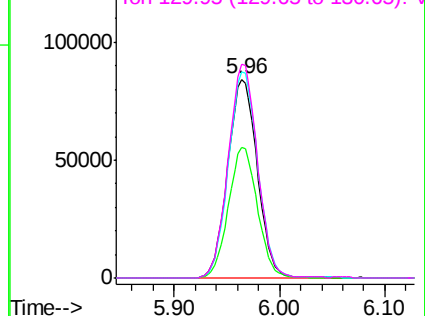


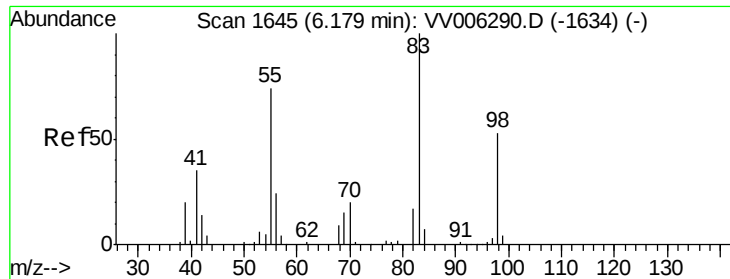
Abundance Ion 95.00 (94.70 to 95.70): VV006308.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006308.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006308.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006308.D (-1485) (-)

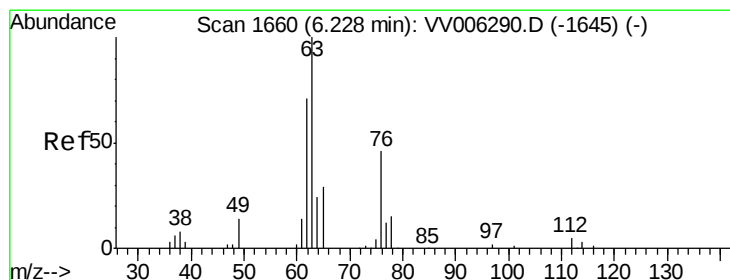
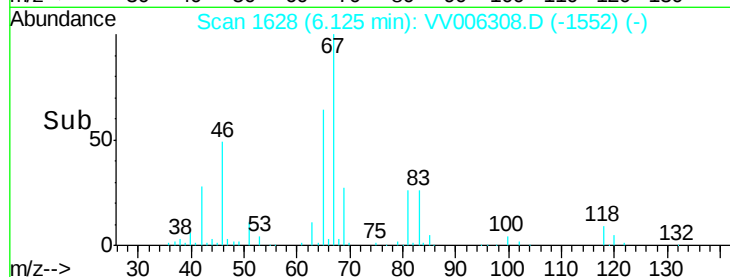
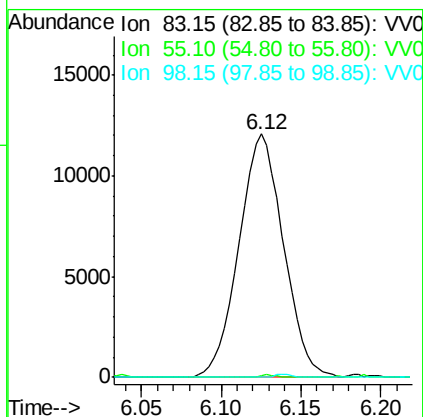
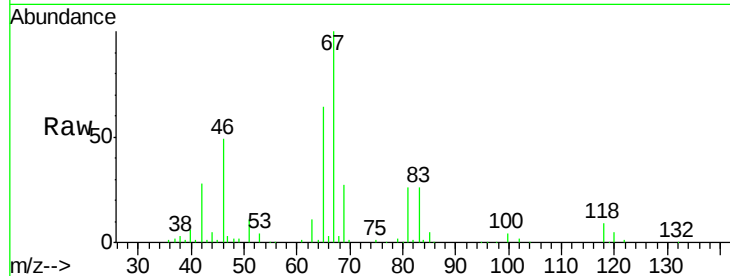




#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006308.D
Acq: 16 Jun 2018 04:05

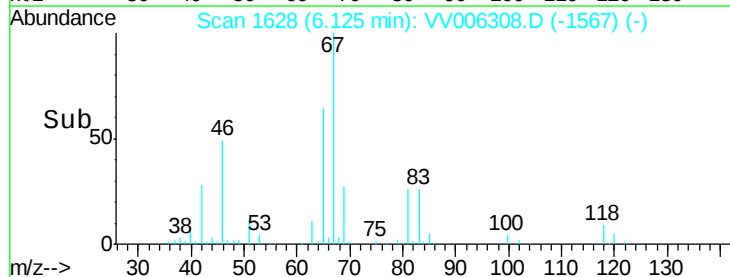
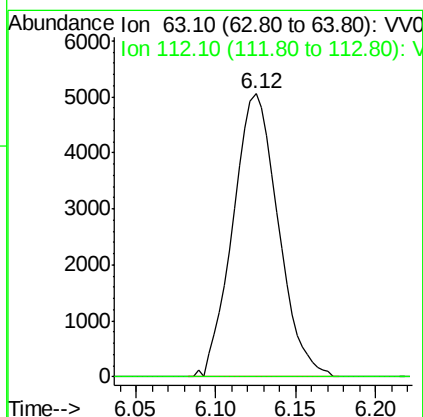
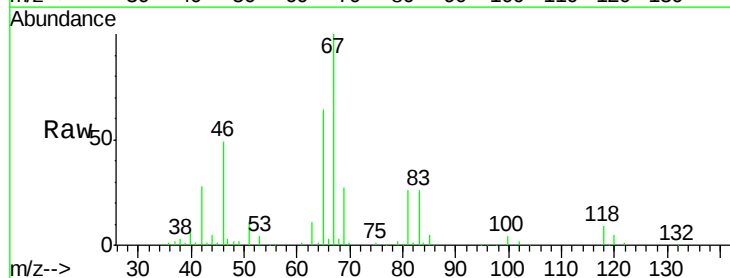
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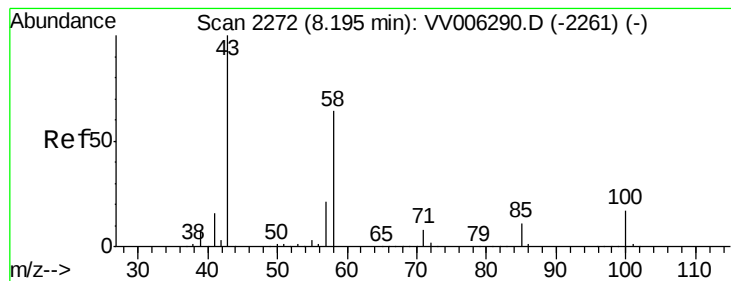
Tgt Ion: 83 Resp: 22945
Ion Ratio Lower Upper
83 100
55 0.4 57.5 86.3#
98 0.0 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006308.D
Acq: 16 Jun 2018 04:05

Tgt Ion: 63 Resp: 9762
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

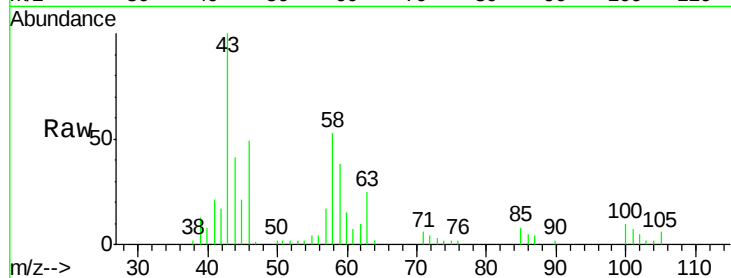




#48
 2-Hexanone
 Concen: 3.338 ug/L
 RT: 8.19 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VV006308.D
 Acq: 16 Jun 2018 04:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KD3

Tgt Ion:	43	Resp:	18854
Ion	Ratio	Lower	Upper
43	100		
58	45.4	48.6	72.8#
57	16.2	17.5	26.3#
100	9.1	12.6	18.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

