

Data File : VV008489.D
Acq On : 30 Oct 2018 23:36
Operator : SY/MD
Sample : J5726-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBT6

Quant Time: Oct 31 07:21:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180904	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47123	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.56	69	35198	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.13	63	64102	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.94	46	100766	92.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.57%
24) Chloroform-d	4.41	84	116038	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.09	65	81397	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
32) Benzene-d6	5.10	84	238847	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
36) 1,2-Dichloropropane-d6	6.12	67	81516	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.36	98	215778	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%
43) trans-1,3-Dichloropropene-	7.67	79	37467	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.13	63	79551	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107667	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	71969	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%

Target Compounds

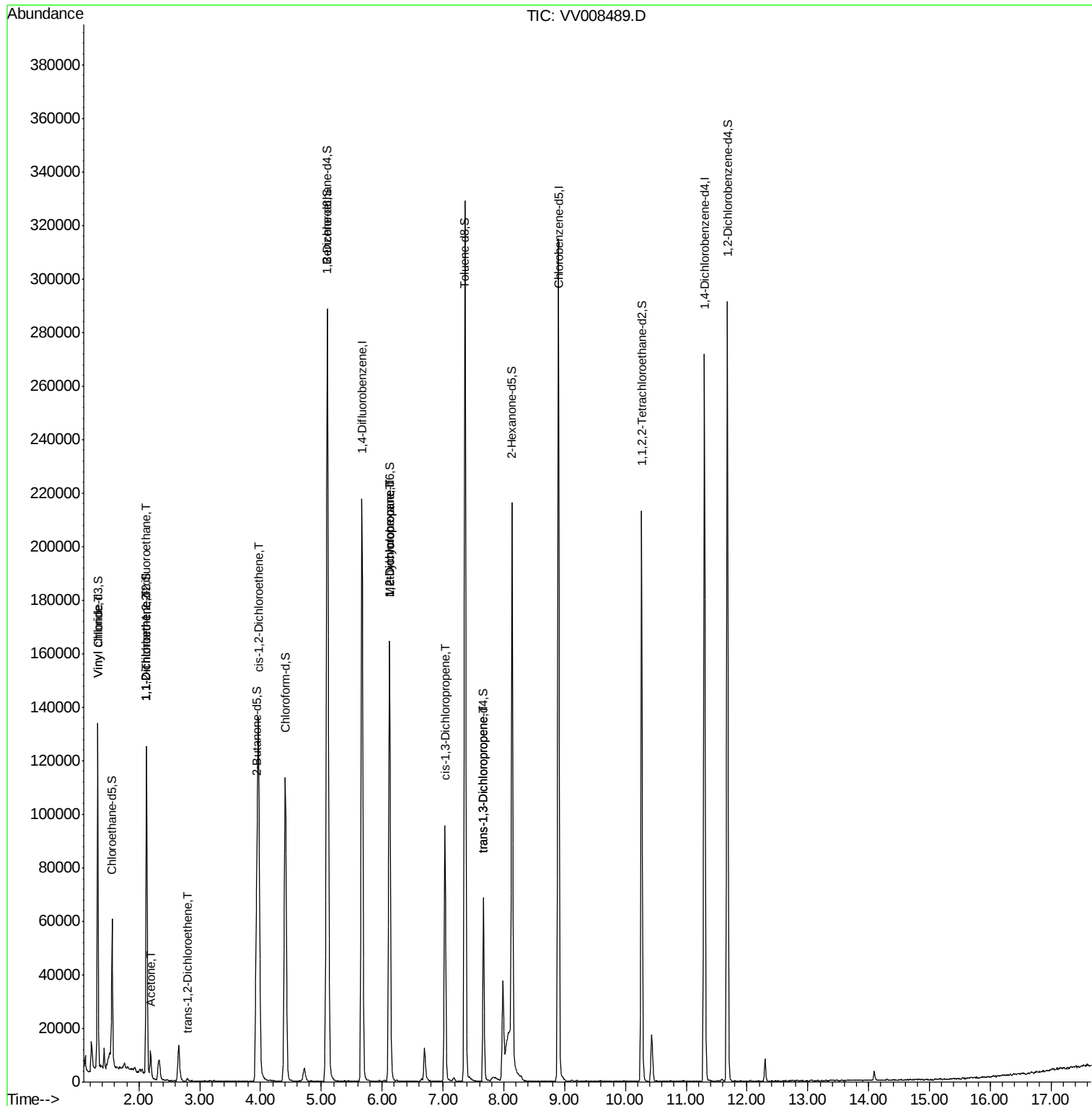
						Qvalue
5) Vinyl chloride	1.32	62	35136	27.403	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	557	0.646	ug/L #	25
12) 1,1-Dichloroethene	2.13	96	604	0.744	ug/L #	1
13) Acetone	2.19	43	7137	8.448	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	357	0.289	ug/L	79
20) cis-1,2-Dichloroethene	3.96	96	64678	45.884	ug/L	92
35) Methylcyclohexane	6.12	83	18664	8.026	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8517	5.772	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2134	0.920	ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	1584	0.730	ug/L #	76

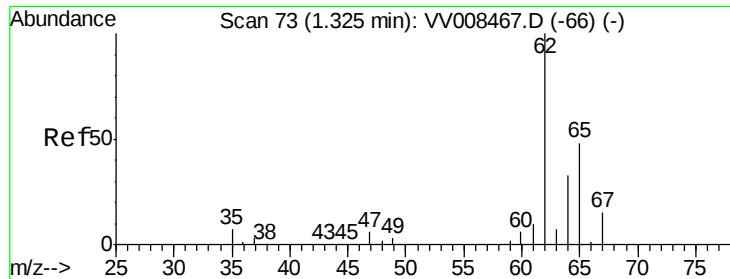
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 27.403 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008489.D

Acq: 30 Oct 2018 23:36

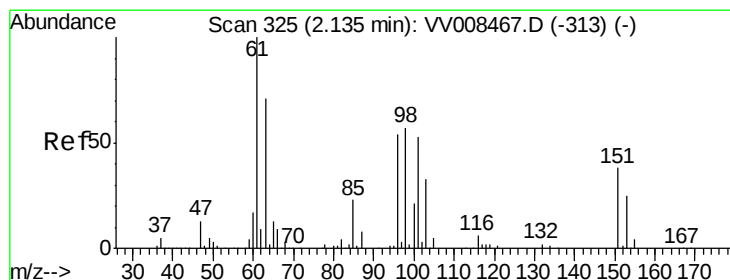
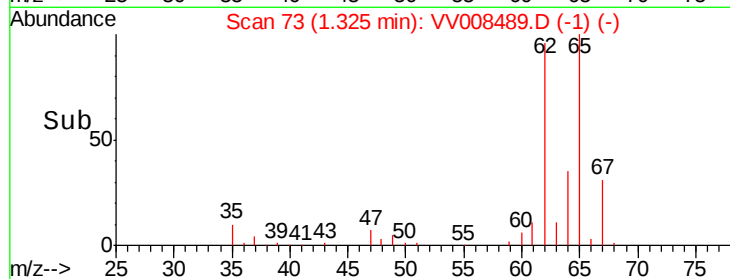
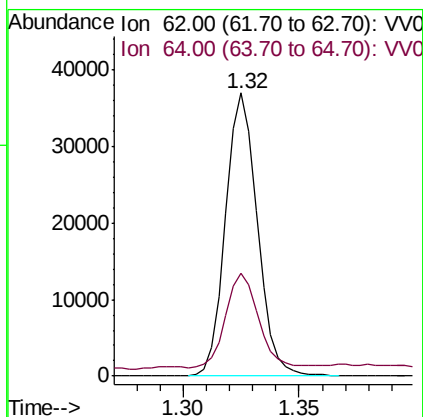
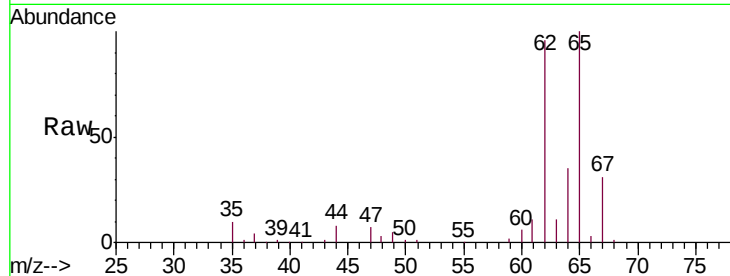
Instrument :
MSVOA_V
ClientSampleId :
ETBT6

Tgt Ion: 62 Resp: 35136

Ion Ratio Lower Upper

62 100

64 36.3 24.4 45.4



#10

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

Concen: 0.646 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008489.D

Acq: 30 Oct 2018 23:36

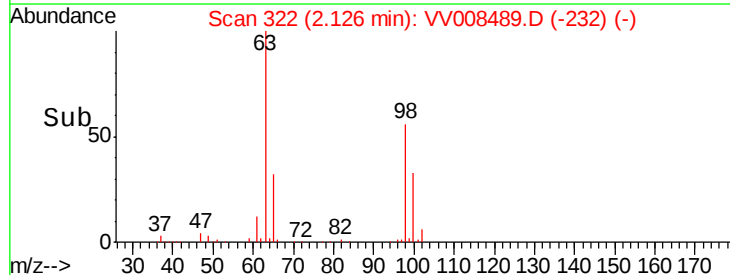
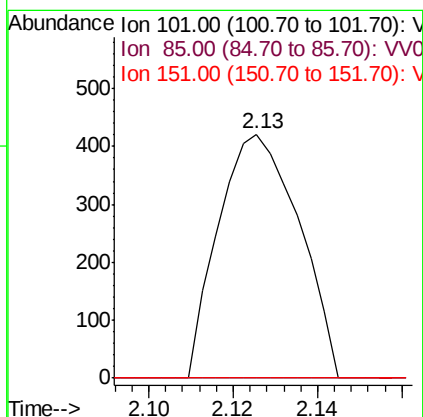
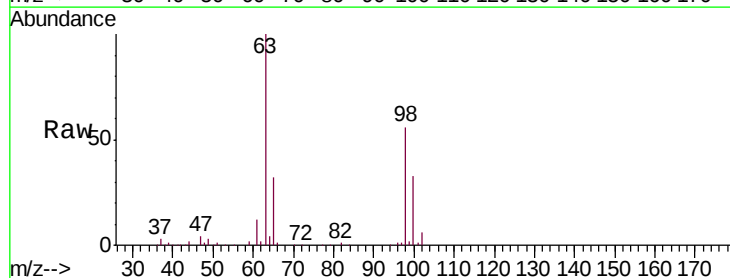
Tgt Ion: 101 Resp: 557

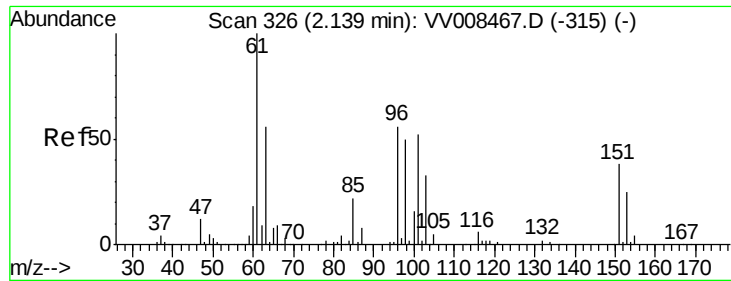
Ion Ratio Lower Upper

101 100

85 7.5 35.6 53.4#

151 0.0 58.1 87.1#

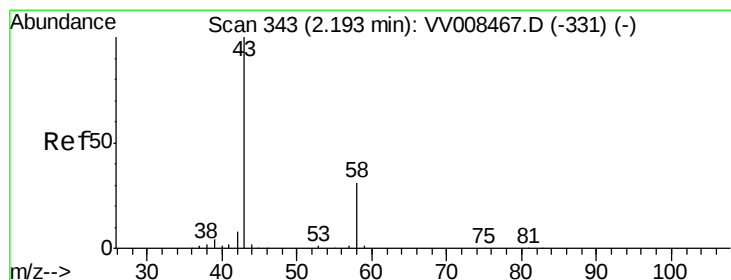
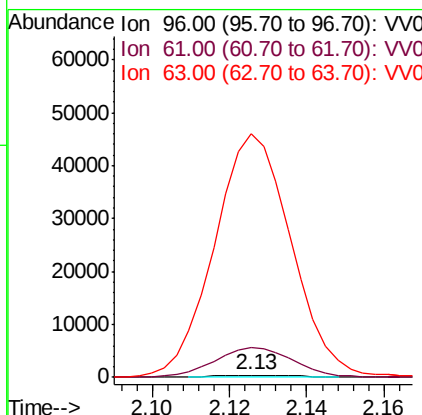
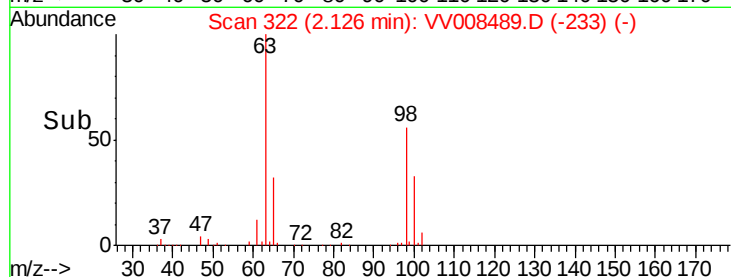
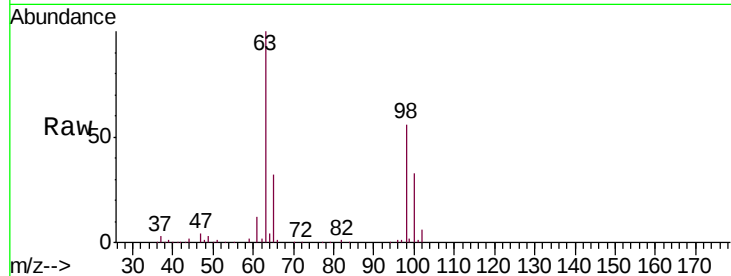




#12
 1,1-Dichloroethene
 Concen: 0.744 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008489.D
 Acq: 30 Oct 2018 23:36

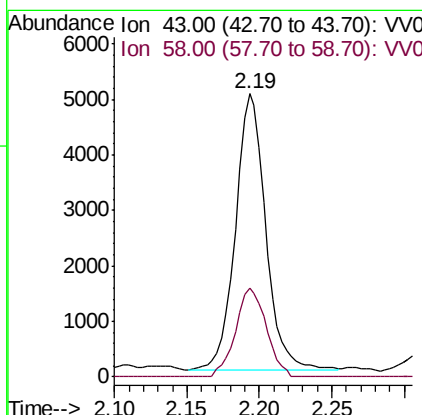
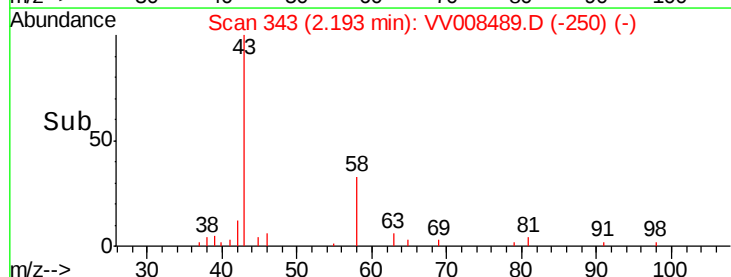
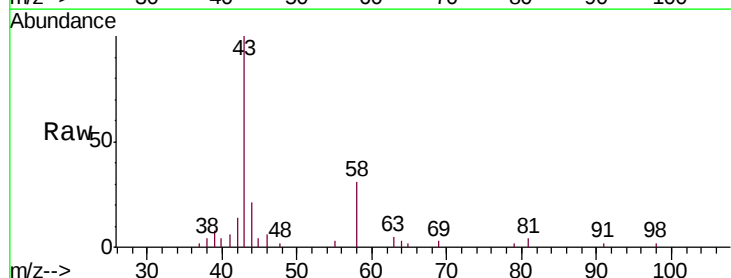
Instrument :
 MSVOA_V
 ClientSampled :
 ETBT6

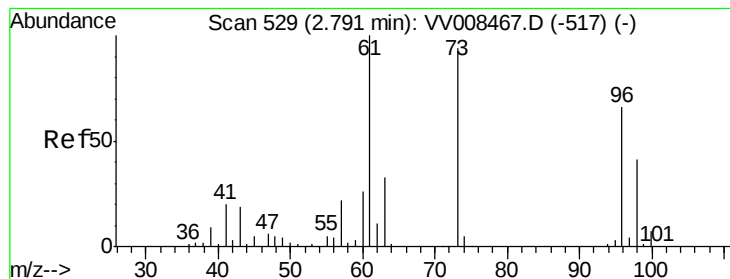
Tgt Ion: 96 Resp: 604
 Ion Ratio Lower Upper
 96 100
 61 1453.2 130.3 242.1#
 63 11706.9 84.4 156.8#



#13
 Acetone
 Concen: 8.448 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV008489.D
 Acq: 30 Oct 2018 23:36

Tgt Ion: 43 Resp: 7137
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008489.D

Acq: 30 Oct 2018 23:36

Instrument :

MSVOA_V

ClientSampleId :

ETBT6

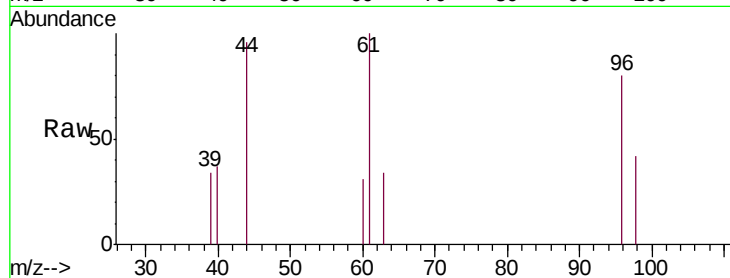
Tgt Ion: 96 Resp: 357

Ion Ratio Lower Upper

96 100

61 124.6 108.6 201.6

98 51.9 44.3 82.3

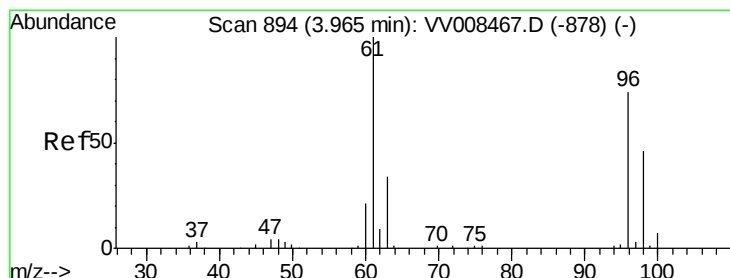
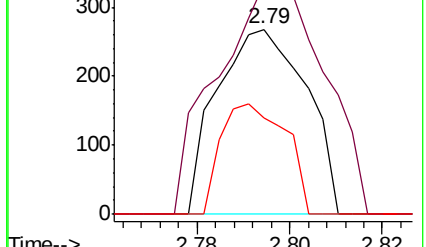
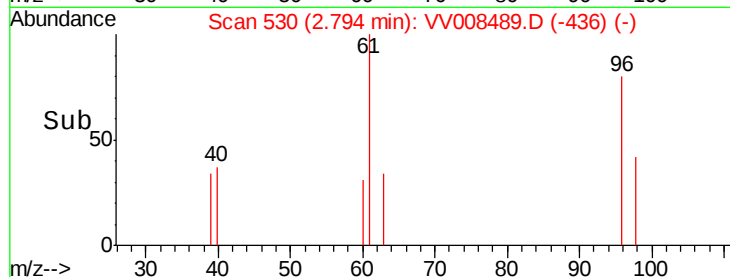


Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008467.D (-517) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 45.884 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008489.D

Acq: 30 Oct 2018 23:36

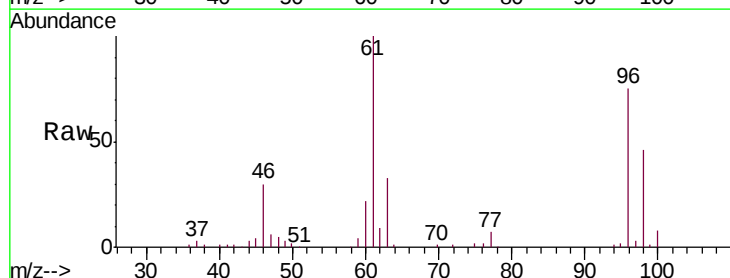
Tgt Ion: 96 Resp: 64678

Ion Ratio Lower Upper

96 100

61 134.0 100.9 187.5

68 0.0 0.0 0.0

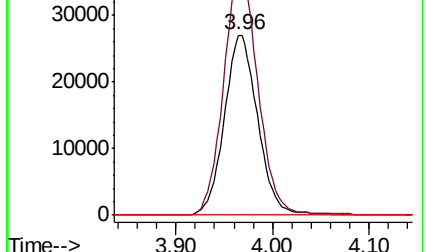
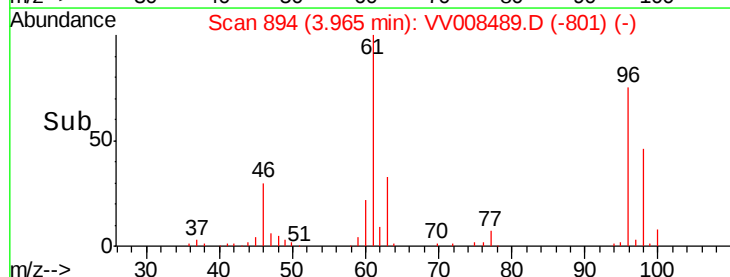


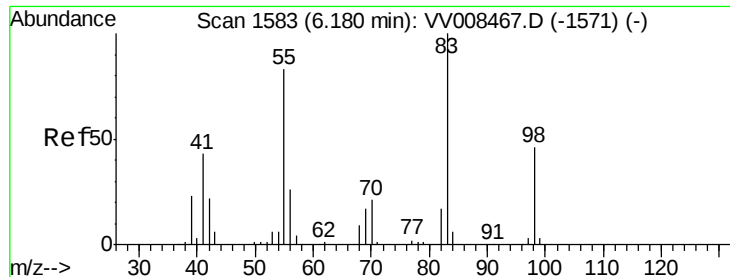
Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-878) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-878) (-)

Ion 68.00 (67.70 to 68.70): VV008467.D (-878) (-)

Time-->

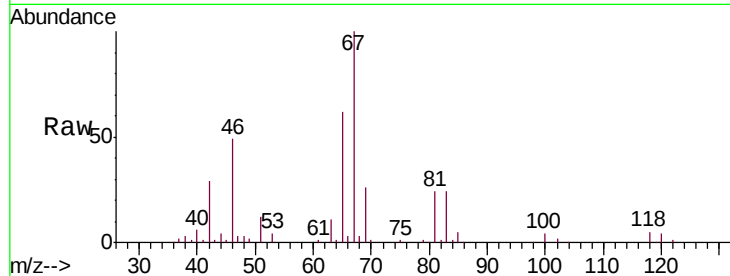




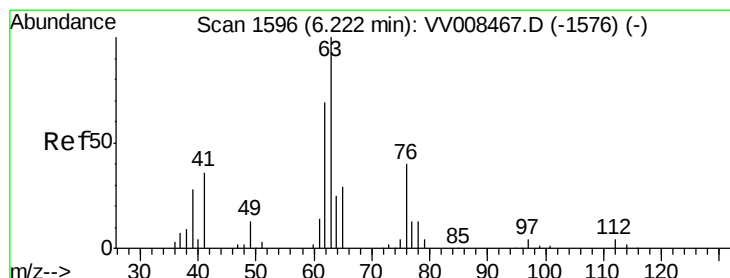
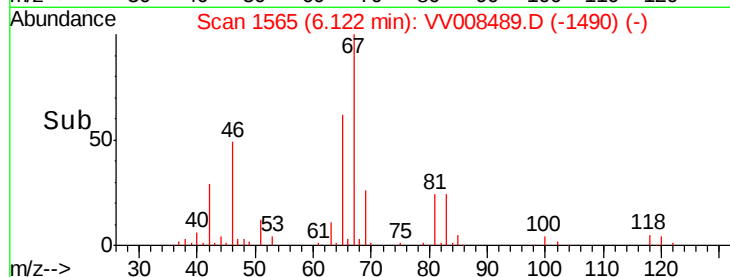
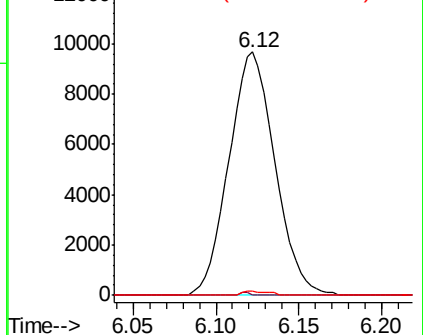
#35
Methylcyclohexane
Concen: 8.026 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008489.D
Acq: 30 Oct 2018 23:36

Instrument :
MSVOA_V
ClientSampleId :
ETBT6

Tgt Ion: 83 Resp: 18664
Ion Ratio Lower Upper
83 100
55 0.2 65.0 97.4#
98 0.9 36.0 54.0#

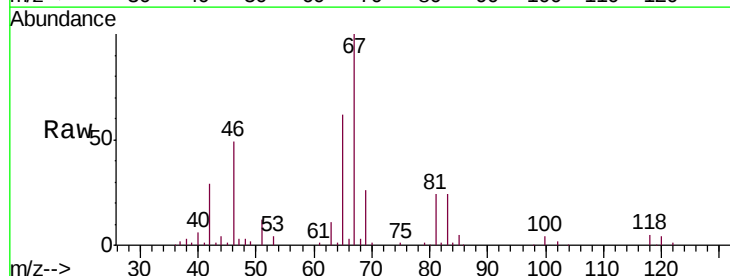


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

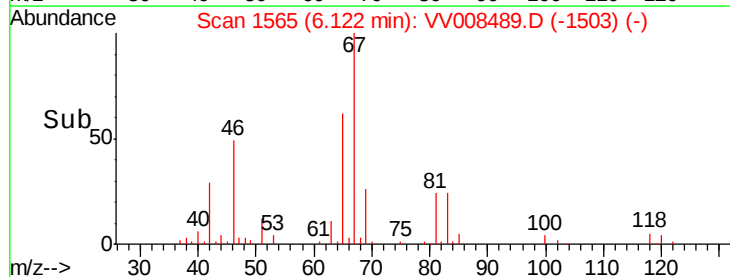
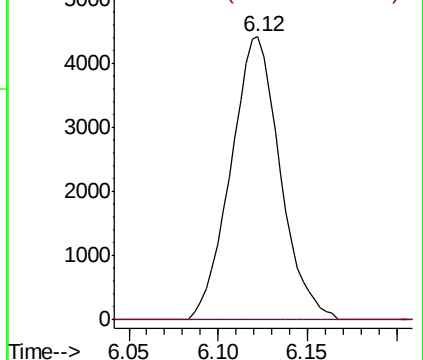


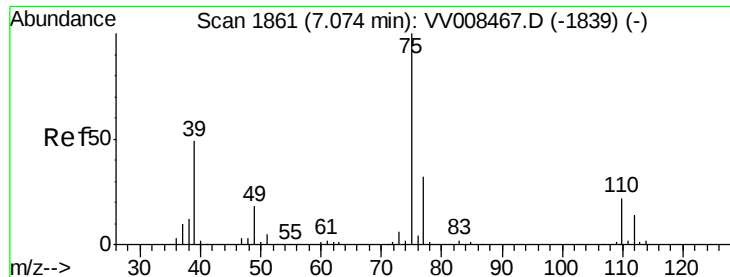
#37
1,2-Dichloropropane
Concen: 5.772 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008489.D
Acq: 30 Oct 2018 23:36

Tgt Ion: 63 Resp: 8517
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

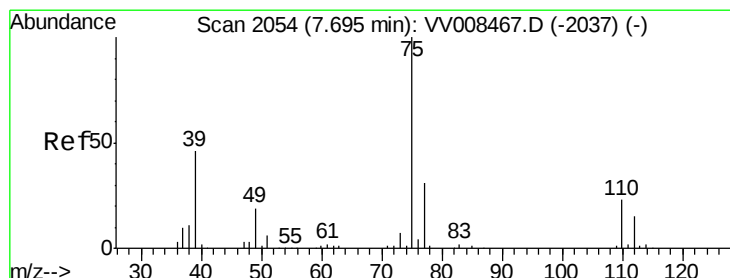
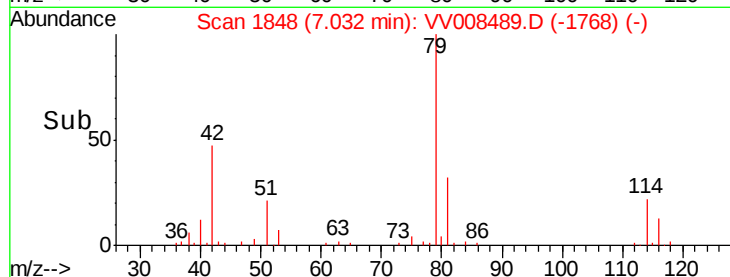
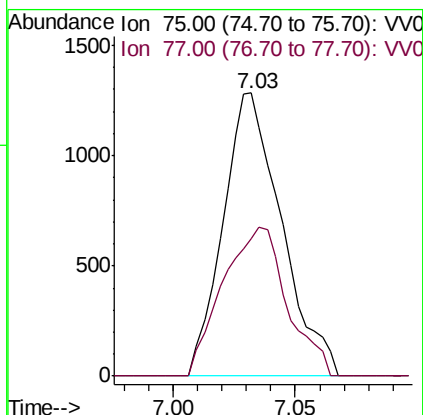
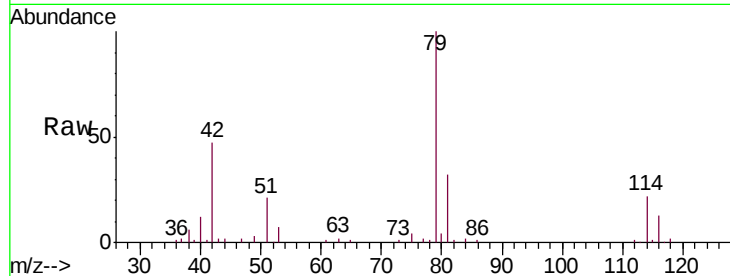




#39
 cis-1,3-Dichloropropene
 Concen: 0.920 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008489.D
 Acq: 30 Oct 2018 23:36

Instrument :
 MSVOA_V
 ClientSampled :
 ETBT6

Tgt Ion: 75 Resp: 2134
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.730 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008489.D
 Acq: 30 Oct 2018 23:36

Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 77 44.4 21.8 40.4#

