

Data File : VV008486.D
Acq On : 30 Oct 2018 22:26
Operator : SY/MD
Sample : J5726-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBS6

Quant Time: Oct 31 07:20:33 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	179391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67975	50.00	ug/L	0.00

System Monitoring Compounds

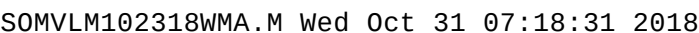
4) Vinyl Chloride-d3	1.32	65	47699	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.56	69	37314	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.06%
11) 1,1-Dichloroethene-d2	2.13	63	64578	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	3.93	46	102070	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.41	84	117728	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.09	65	83291	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.10	84	241630	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.12	67	82230	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.36	98	220574	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
43) trans-1,3-Dichloropropene-	7.67	79	38782	49.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.08%
47) 2-Hexanone-d5	8.14	63	79534	94.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.53%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108412	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	73211	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

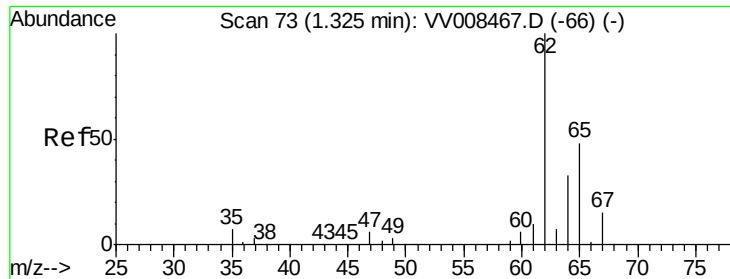
Target Compounds

					Qvalue
5) Vinyl chloride	1.33	62	5434	4.274 ug/L #	29
8) Chloroethane	1.33	64	2878	4.309 ug/L	98
9) Trichlorofluoromethane	2.13	101	595	0.364 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	595	0.696 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	518	0.644 ug/L #	1
13) Acetone	2.19	43	4191	5.003 ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	7144	5.111 ug/L	90
33) Benzene	5.10	78	2050	0.385 ug/L	100
35) Methylcyclohexane	6.12	83	18696	8.066 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8634	5.871 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2198	0.951 ug/L #	57
44) trans-1,3-Dichloropropene	7.67	75	1522	0.704 ug/L	88

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

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





#5

Vinyl chloride

Concen: 4.274 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008486.D

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Instrument :

MSVOA_V

ClientSampleId :

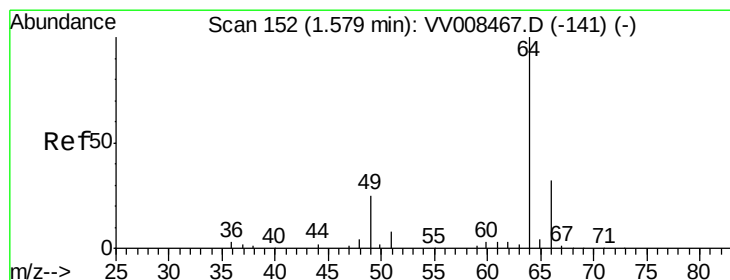
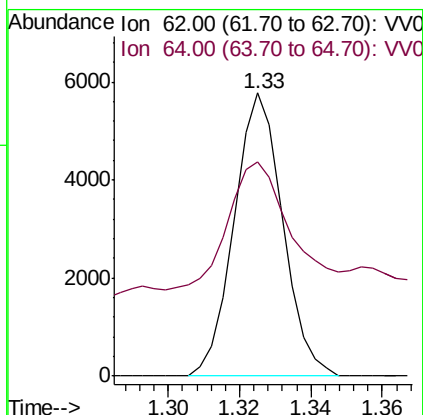
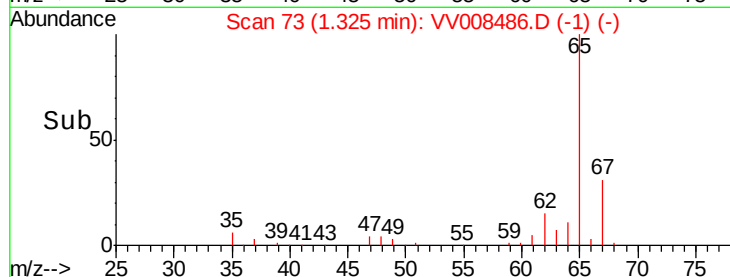
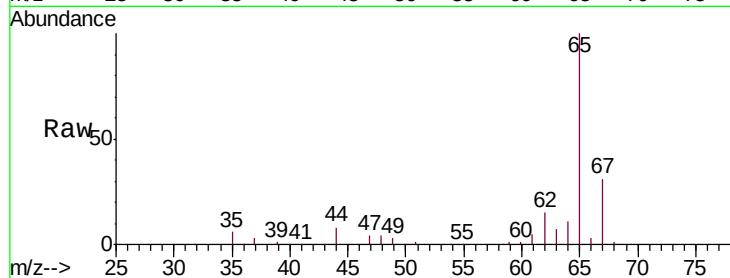
ETBS6

Tgt Ion: 62 Resp: 5434

Ion Ratio Lower Upper

62 100

64 75.9 24.4 45.4#



#8

Chloroethane

Concen: 4.309 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.25 min

Lab File: VV008486.D

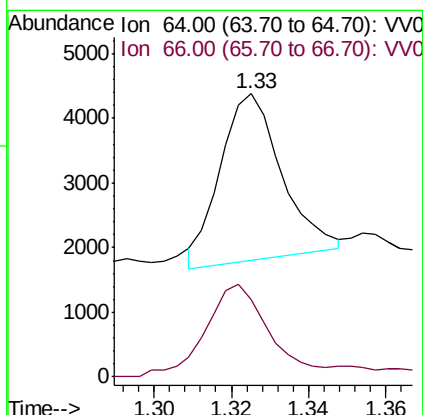
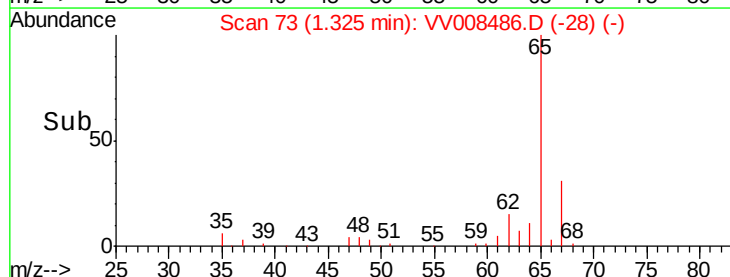
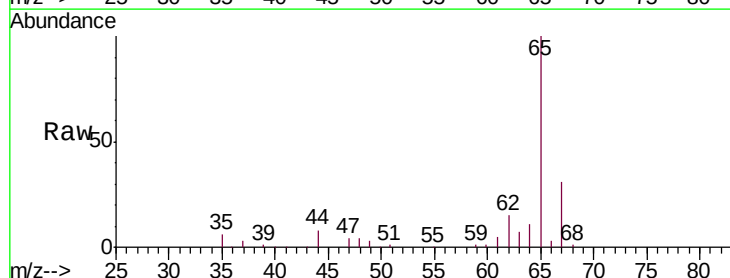
Acq: 30 Oct 2018 22:26

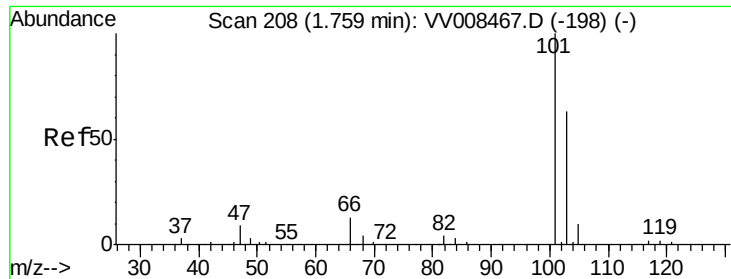
Tgt Ion: 64 Resp: 2878

Ion Ratio Lower Upper

64 100

66 27.5 19.9 36.9



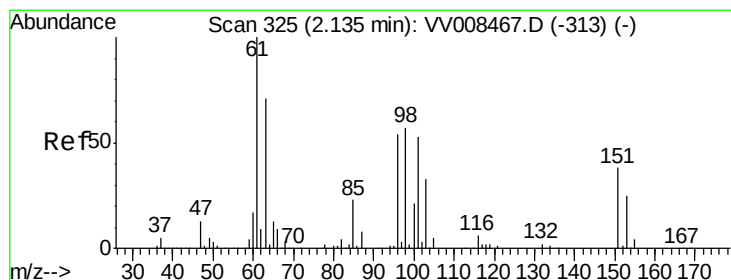
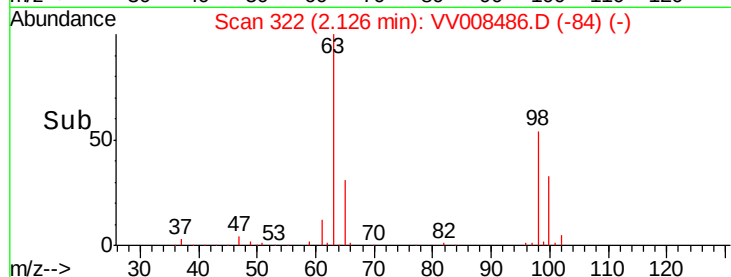
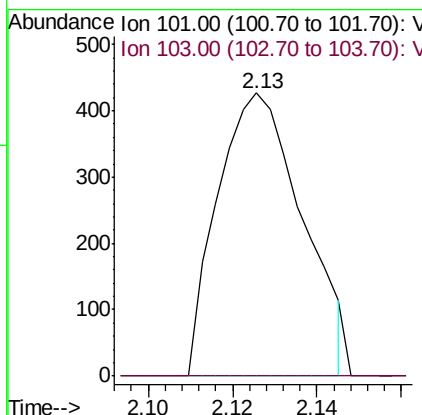
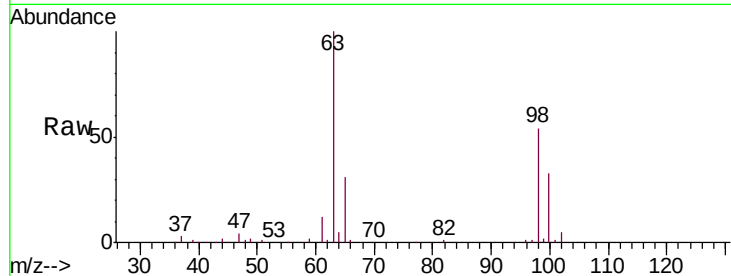


#9

Trichlorofluoromethane
 Concen: 0.364 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.37 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBS6

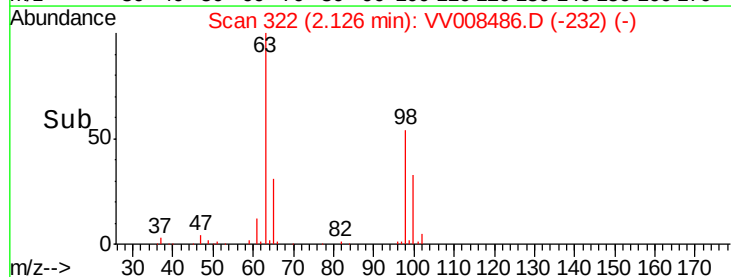
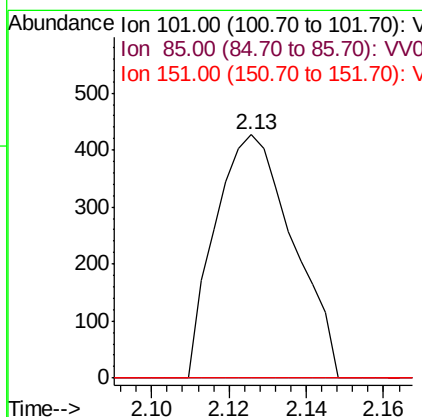
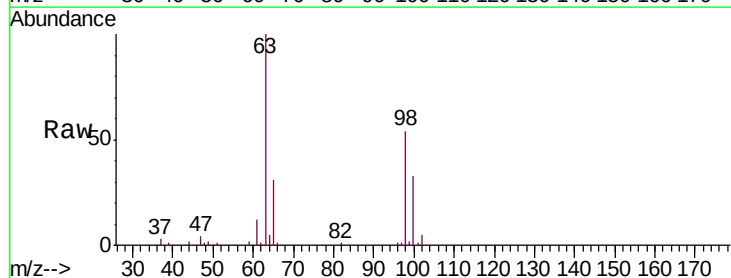
Tgt Ion:101 Resp: 595
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.0 76.6#

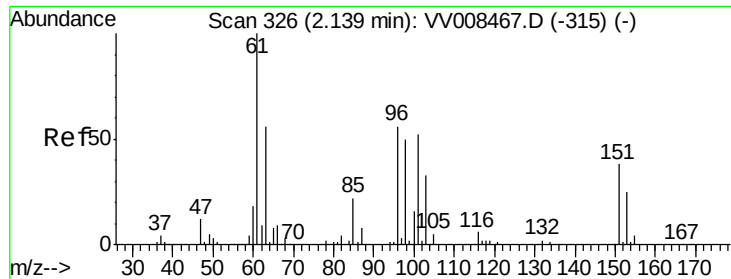


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.696 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Tgt Ion:101 Resp: 595
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#

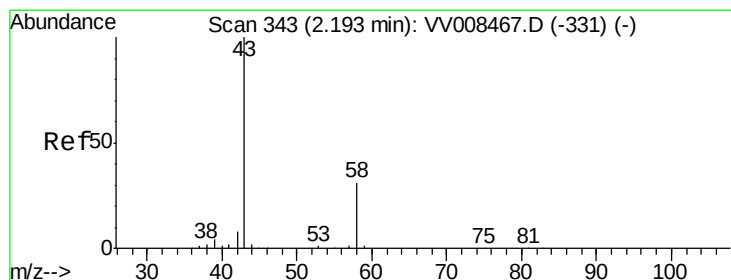
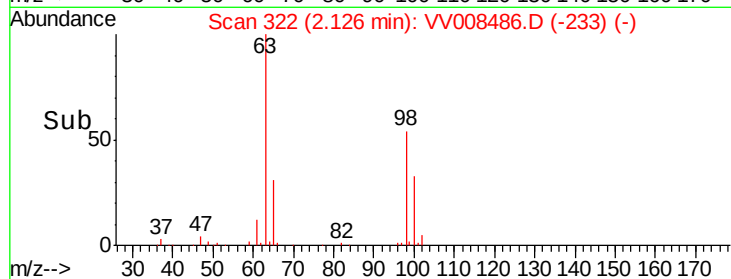
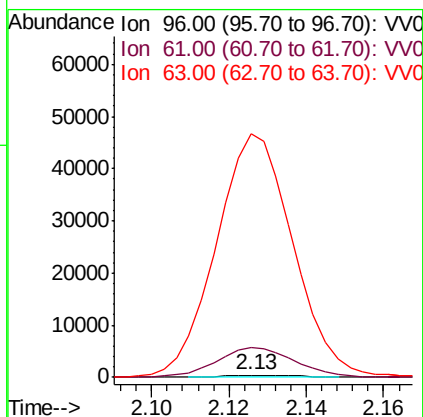
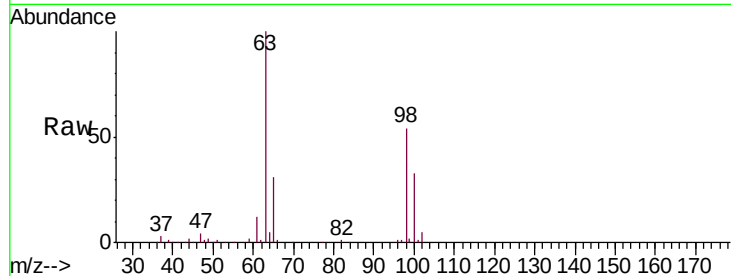




#12
 1,1-Dichloroethene
 Concen: 0.644 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

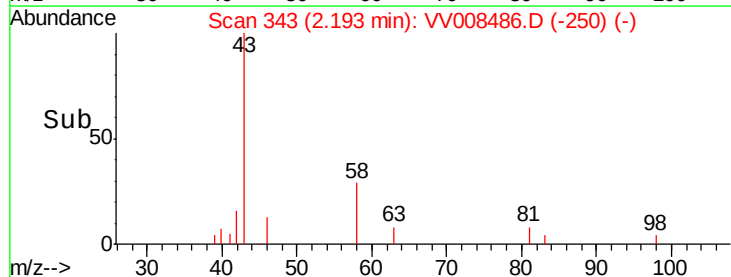
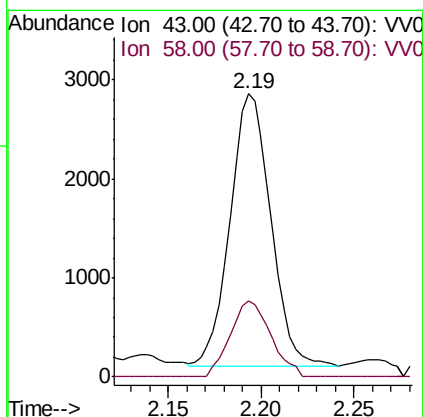
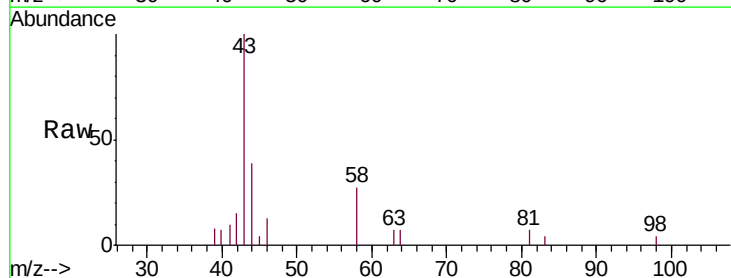
Instrument :
 MSVOA_V
 ClientSampled :
 ETBS6

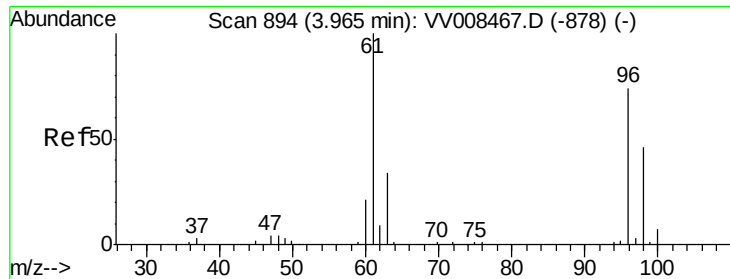
Tgt Ion: 96 Resp: 518
 Ion Ratio Lower Upper
 96 100
 61 1662.6 130.3 242.1#
 63 13334.9 84.4 156.8#



#13
 Acetone
 Concen: 5.003 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Tgt Ion: 43 Resp: 4191
 Ion Ratio Lower Upper
 43 100
 58 27.7 0.0 61.4

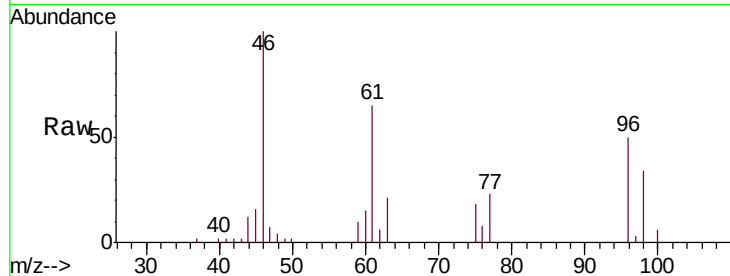




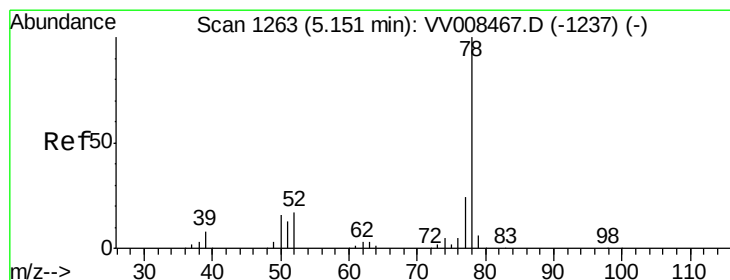
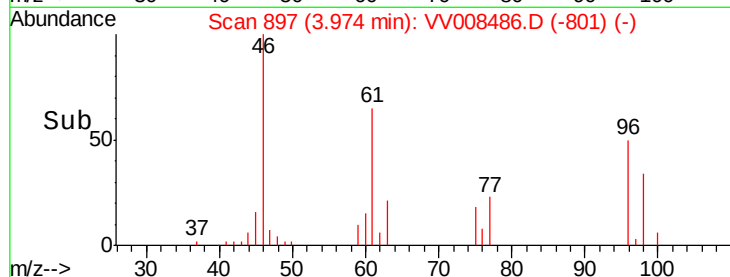
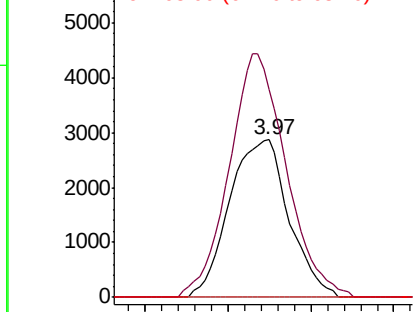
#20
 cis-1,2-Dichloroethene
 Concen: 5.111 ug/L
 RT: 3.97 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBS6

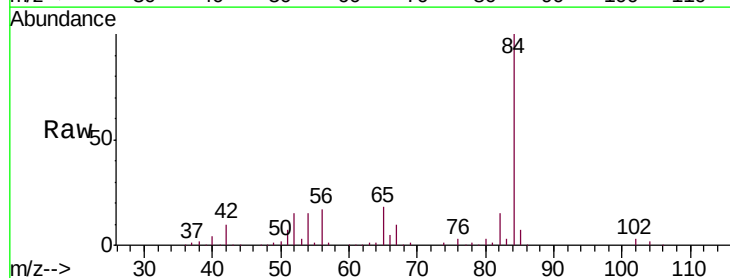
Tgt Ion: 96 Resp: 7144
 Ion Ratio Lower Upper
 96 100
 61 131.7 100.9 187.5
 68 0.0 0.0 0.0



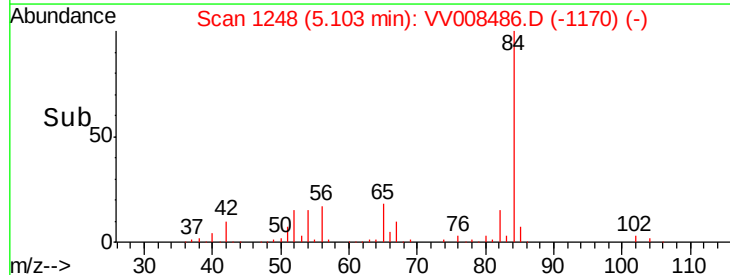
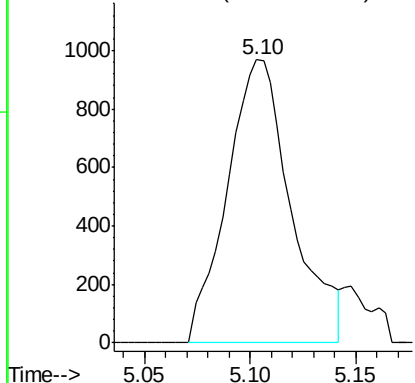
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

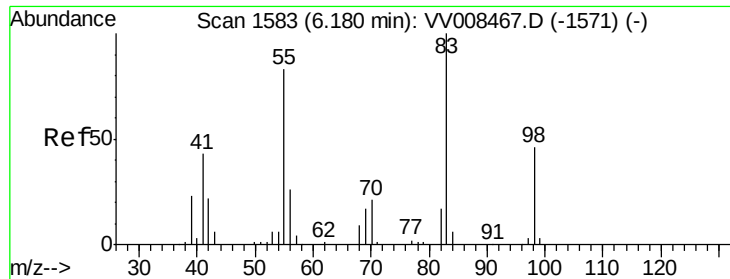


#33
 Benzene
 Concen: 0.385 ug/L
 RT: 5.10 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26
 Tgt Ion: 78 Resp: 2050



Abundance Ion 78.00 (77.70 to 78.70): VV0

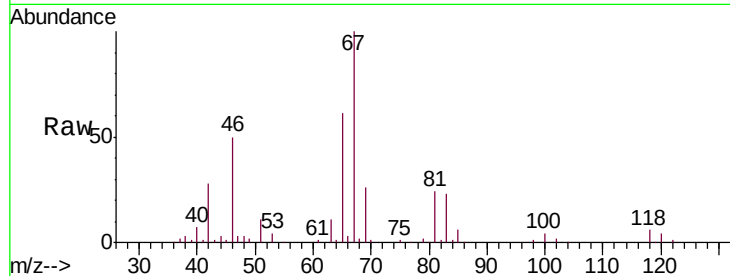




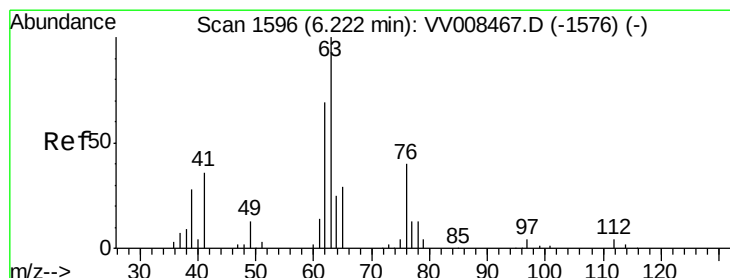
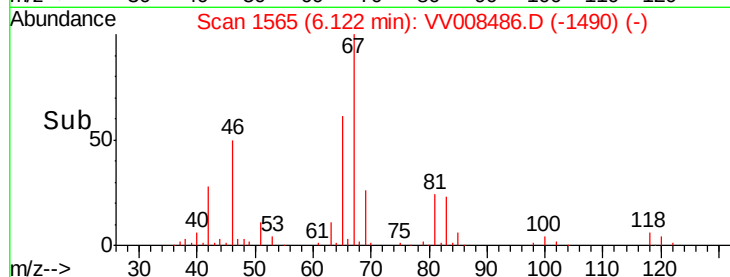
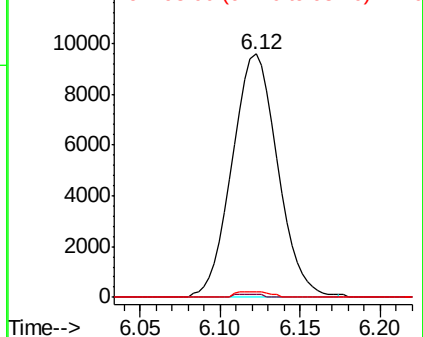
#35
Methylcyclohexane
Concen: 8.066 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008486.D
Acq: 30 Oct 2018 22:26

Instrument :
MSVOA_V
ClientSampleId :
ETBS6

Tgt Ion: 83 Resp: 18696
Ion Ratio Lower Upper
83 100
55 0.7 65.0 97.4#
98 0.8 36.0 54.0#

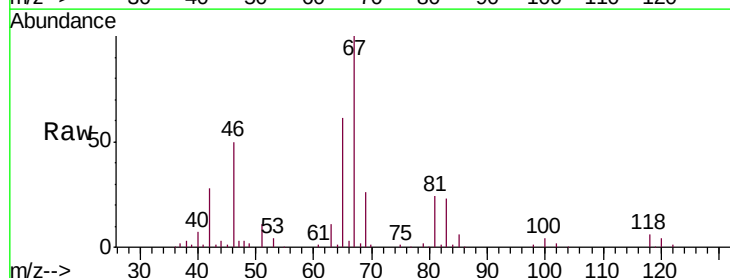


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

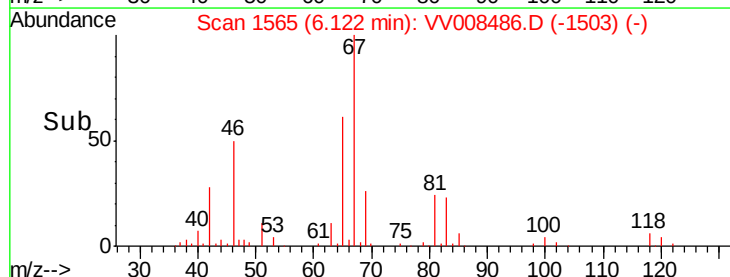
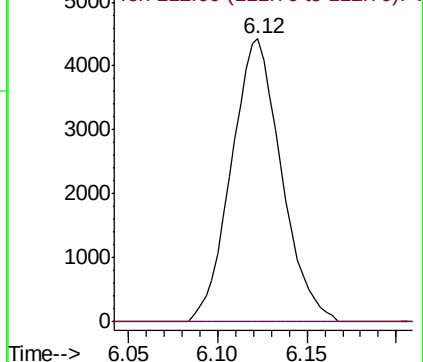


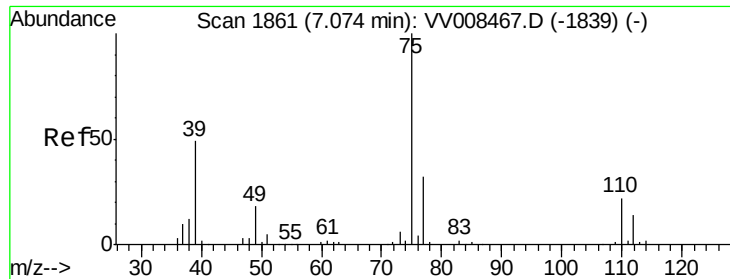
#37
1,2-Dichloropropane
Concen: 5.871 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008486.D
Acq: 30 Oct 2018 22:26

Tgt Ion: 63 Resp: 8634
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

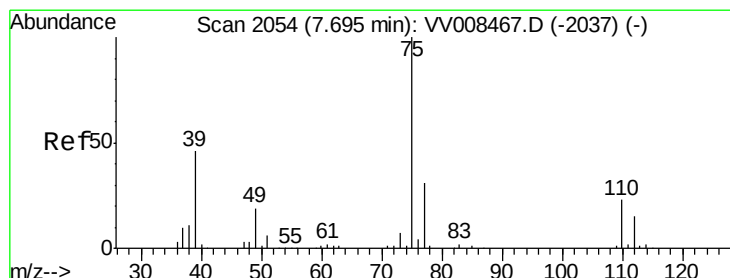
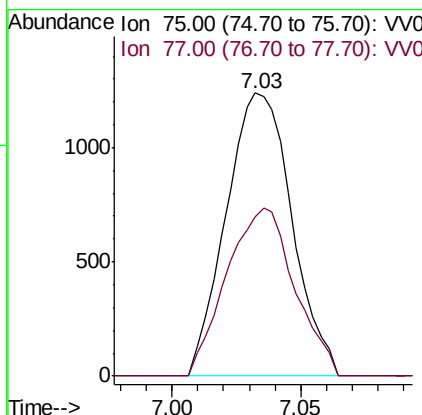
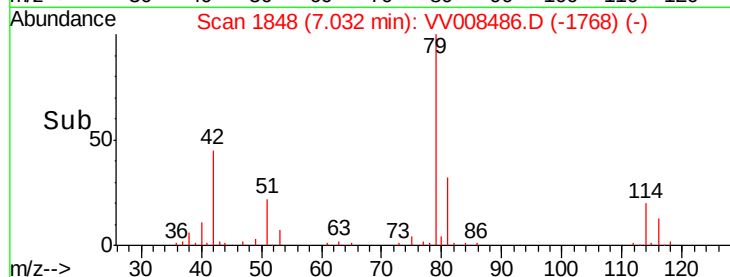
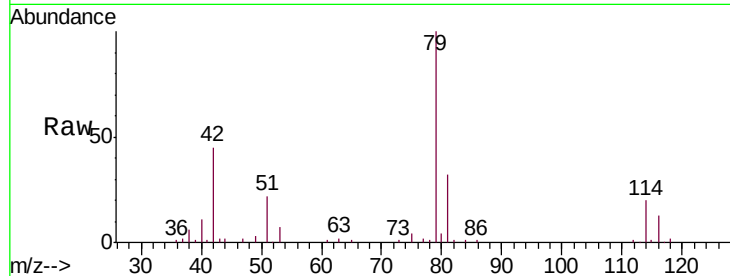




#39
 cis-1,3-Dichloropropene
 Concen: 0.951 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 2198
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.704 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008486.D
 Acq: 30 Oct 2018 22:26

Tgt Ion: 75 Resp: 1522
 Ion Ratio Lower Upper
 75 100
 77 37.8 21.8 40.4

