

Data File : VV008484.D
Acq On : 30 Oct 2018 21:39
Operator : SY/MD
Sample : J5716-23
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBS2

Quant Time: Oct 31 07:20:09 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	188293	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70166	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50248	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.56	69	38129	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.30%
11) 1,1-Dichloroethene-d2	2.13	63	68684	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	3.94	46	102428	90.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.40%
24) Chloroform-d	4.41	84	121256	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.09	65	83077	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
32) Benzene-d6	5.10	84	247829	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.12	67	83532	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.20%
41) Toluene-d8	7.36	98	221467	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%
43) trans-1,3-Dichloropropene-	7.67	79	39022	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
47) 2-Hexanone-d5	8.14	63	79144	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110548	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	72800	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

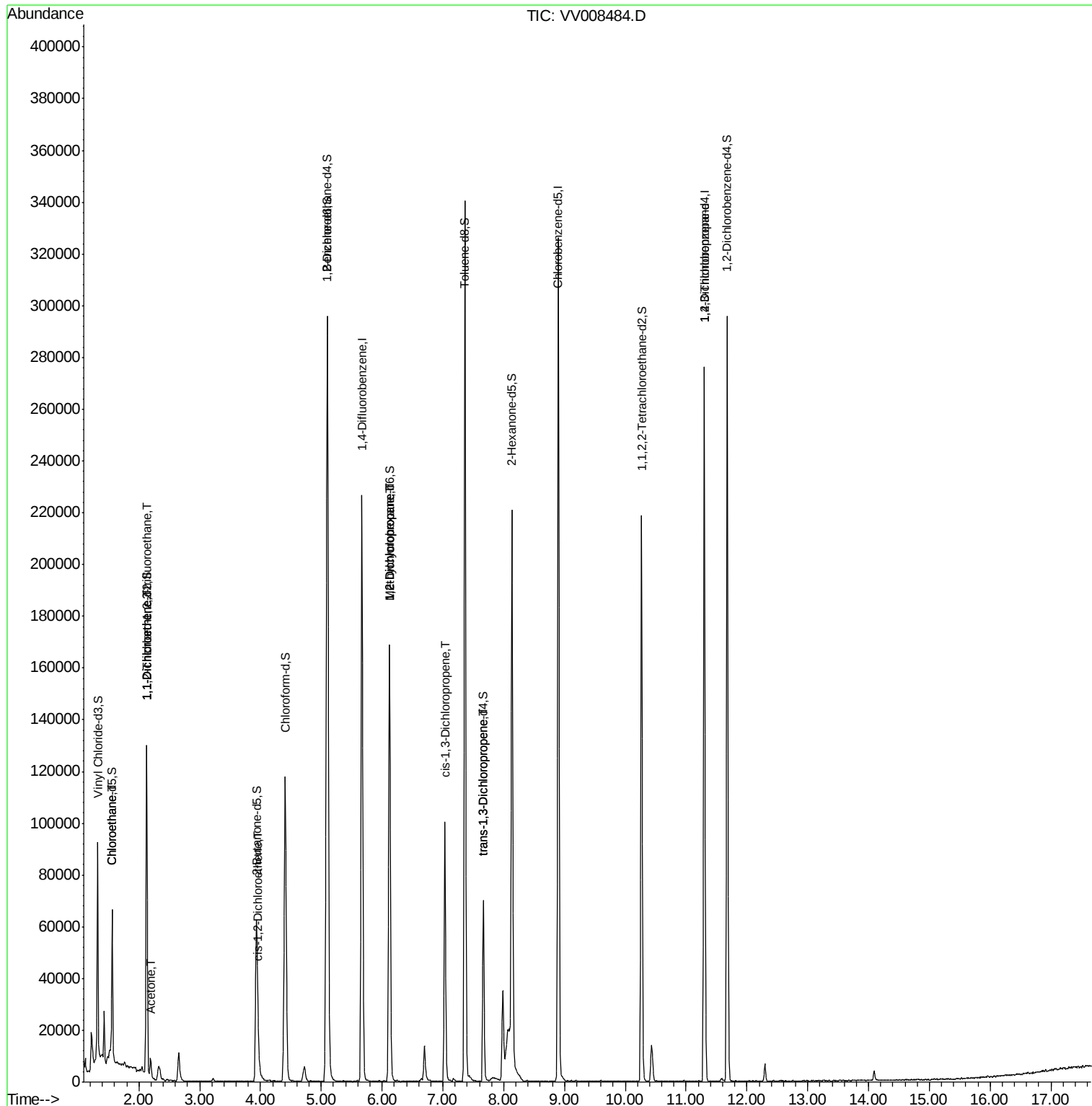
					Qvalue	
8) Chloroethane	1.57	64	2374	3.386	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	581	0.647	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	635	0.752	ug/L #	1
13) Acetone	2.19	43	5570	6.334	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	765	0.521	ug/L	89
35) Methylcyclohexane	6.12	83	18835	7.776	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8840	5.752	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2230	0.923	ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	1725	0.763	ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	8791	4.564	ug/L #	85

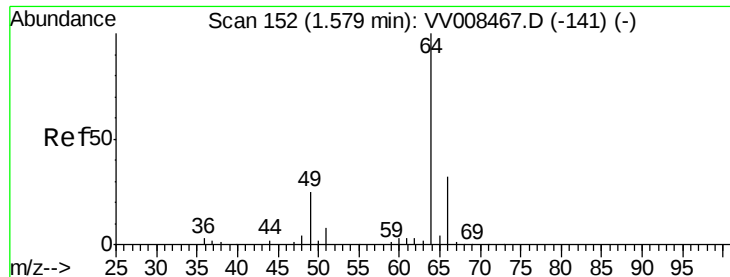
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 3.386 ug/L

RT: 1.57 min Scan# 148

Delta R.T. -0.01 min

Lab File: VV008484.D

Acq: 30 Oct 2018 21:39

Instrument :

MSVOA_V

ClientSampleId :

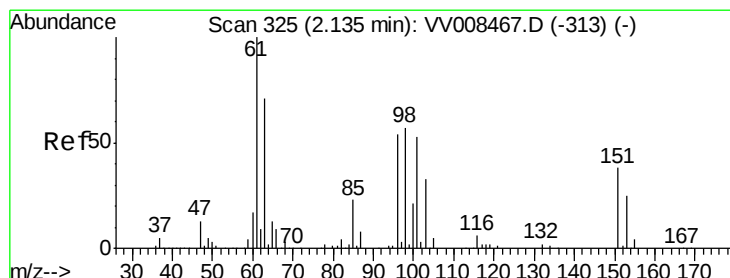
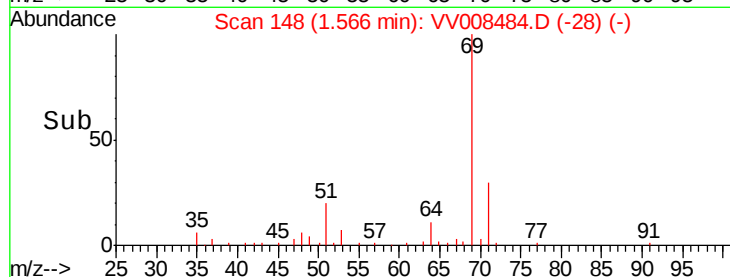
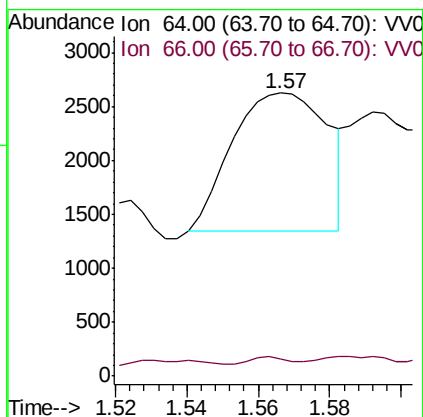
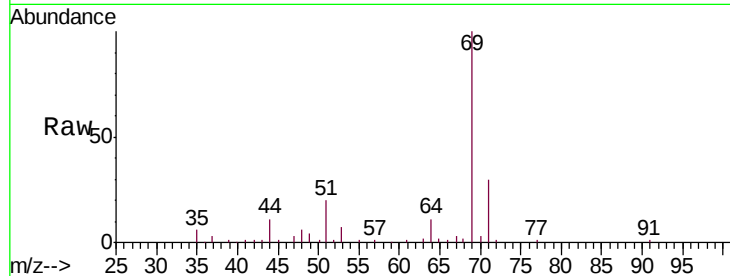
ETBS2

Tgt Ion: 64 Resp: 2374

Ion Ratio Lower Upper

64 100

66 5.9 19.9 36.9#



#10

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

Concen: 0.647 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008484.D

Acq: 30 Oct 2018 21:39

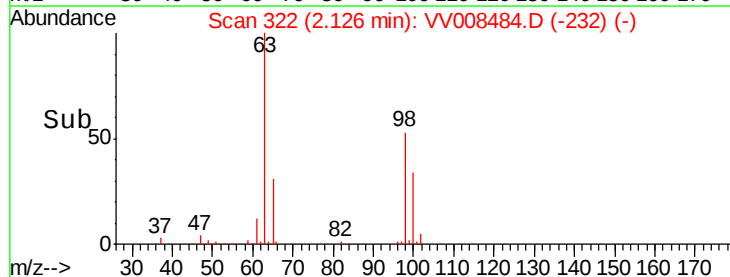
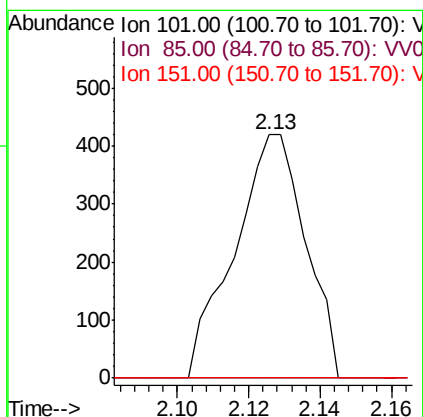
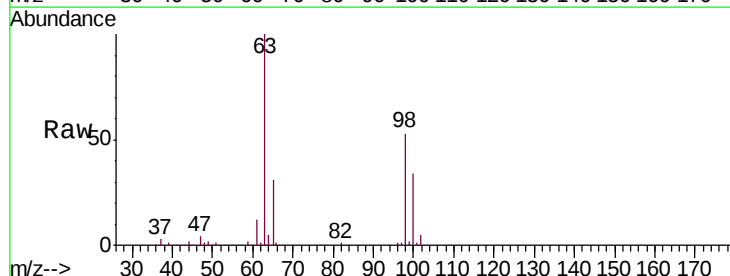
Tgt Ion: 101 Resp: 581

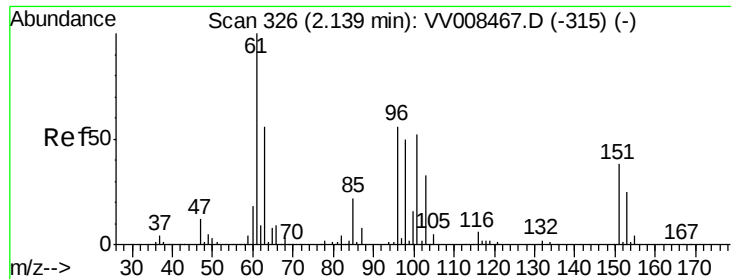
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#





#12

1,1-Dichloroethene

Concen: 0.752 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008484.D

Acq: 30 Oct 2018 21:39

Instrument :

MSVOA_V

ClientSampleId :

ETBS2

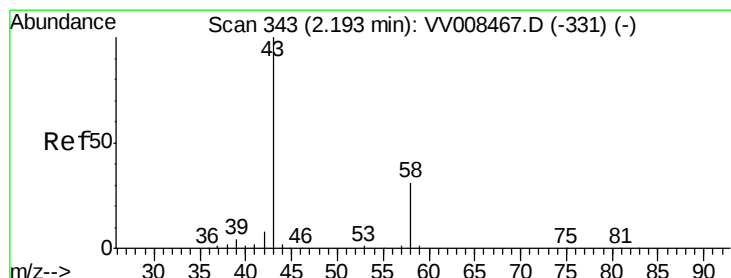
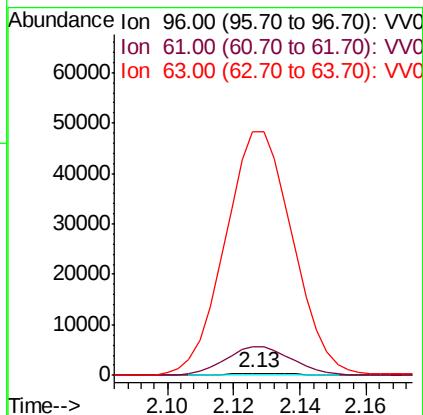
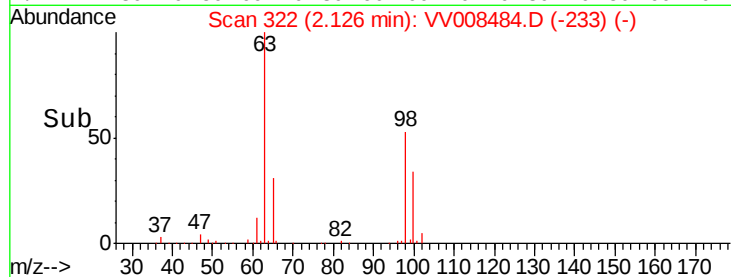
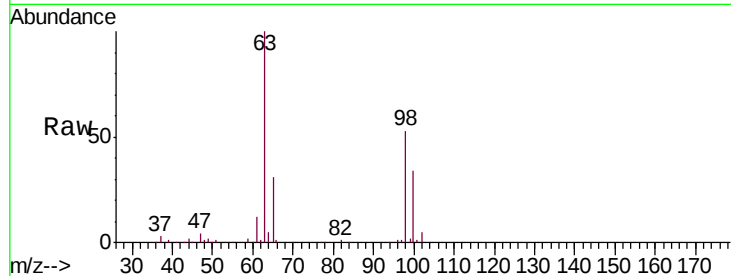
Tgt Ion: 96 Resp: 635

Ion Ratio Lower Upper

96 100

61 1345.8 130.3 242.1#

63 11327.7 84.4 156.8#



#13

Acetone

Concen: 6.334 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008484.D

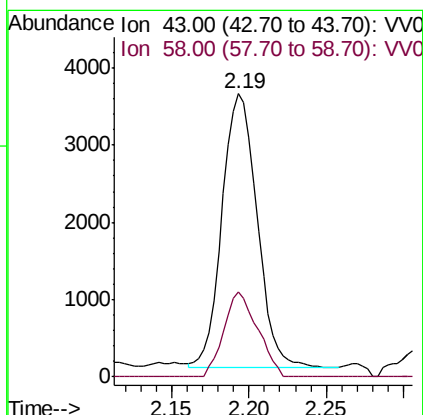
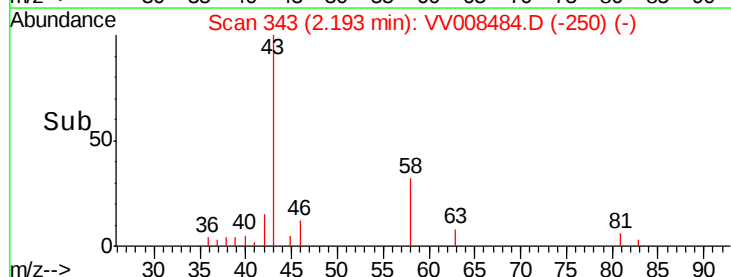
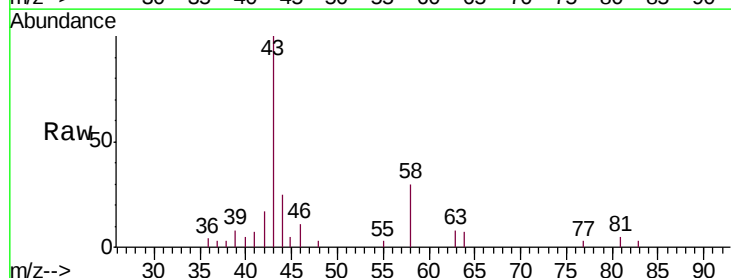
Acq: 30 Oct 2018 21:39

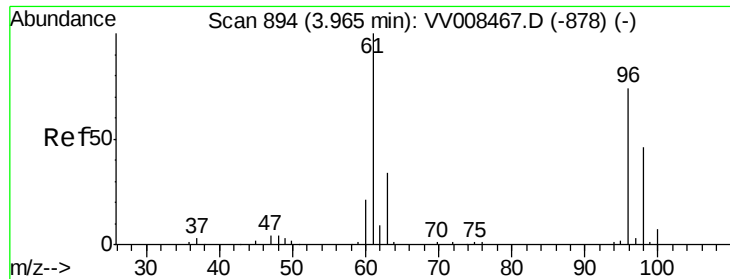
Tgt Ion: 43 Resp: 5570

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.4



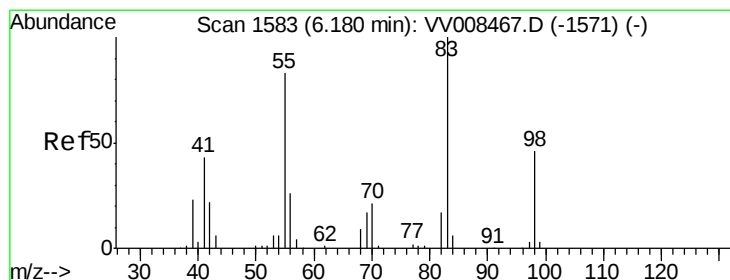
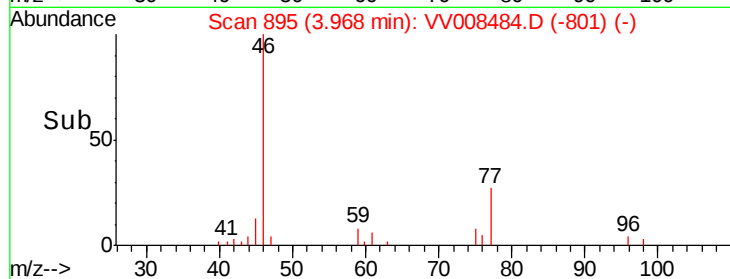
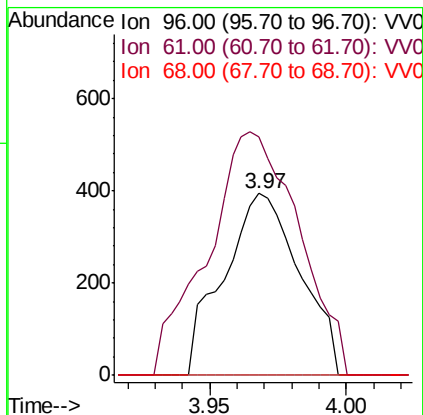
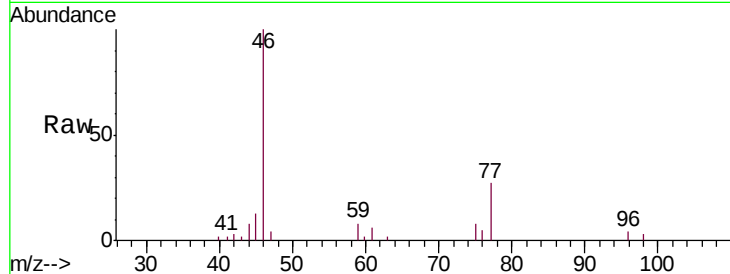


#20

cis-1,2-Dichloroethene
 Concen: 0.521 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008484.D
 Acq: 30 Oct 2018 21:39

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBS2

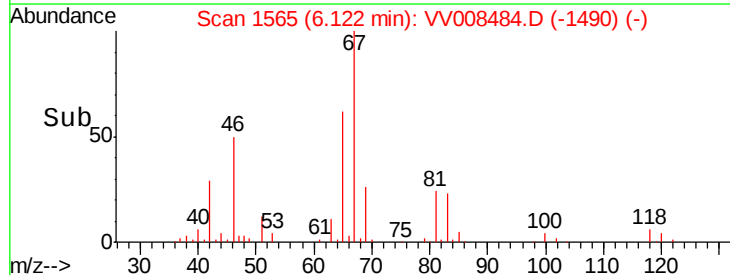
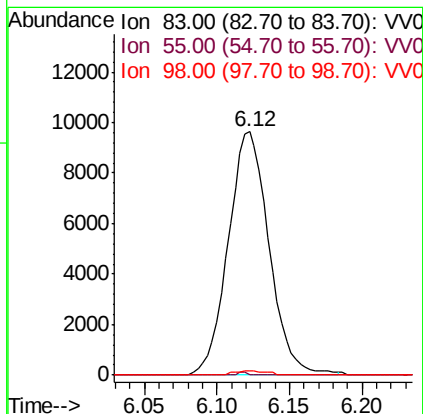
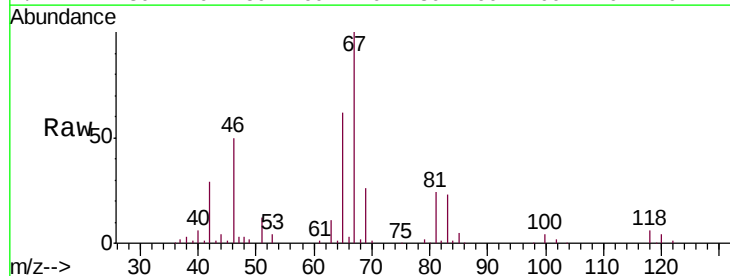
Tgt Ion: 96 Resp: 765
 Ion Ratio Lower Upper
 96 100
 61 131.0 100.9 187.5
 68 0.0 0.0 0.0

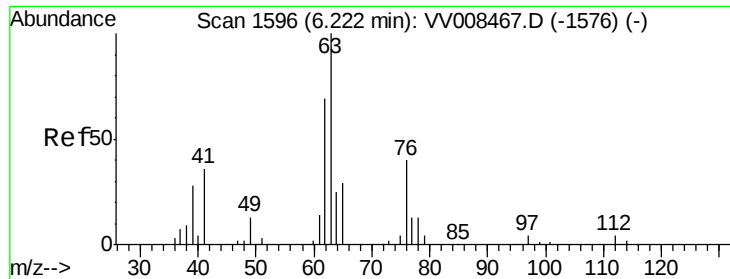


#35

Methylcyclohexane
 Concen: 7.776 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008484.D
 Acq: 30 Oct 2018 21:39

Tgt Ion: 83 Resp: 18835
 Ion Ratio Lower Upper
 83 100
 55 0.2 65.0 97.4#
 98 1.1 36.0 54.0#

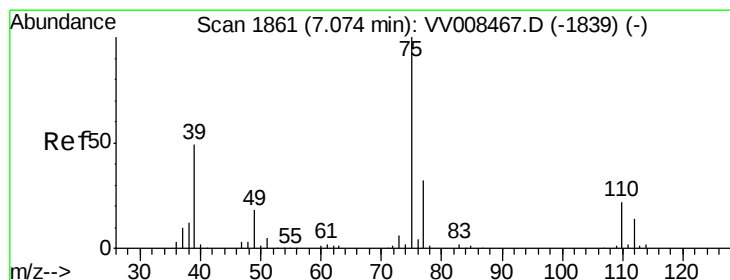
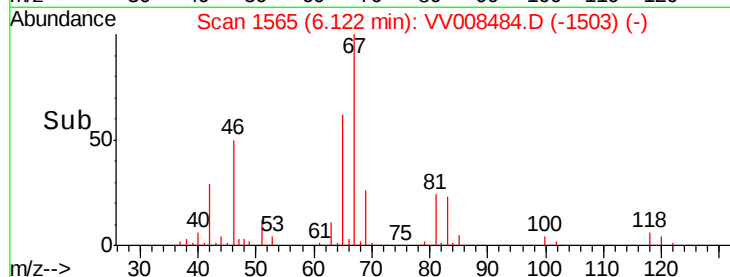
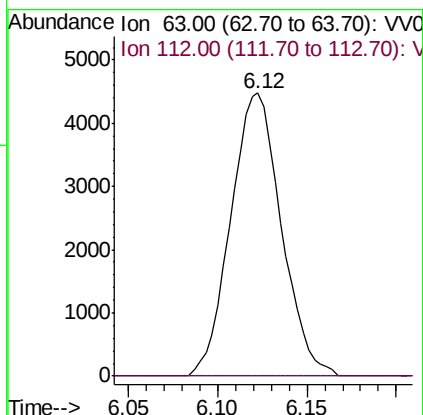
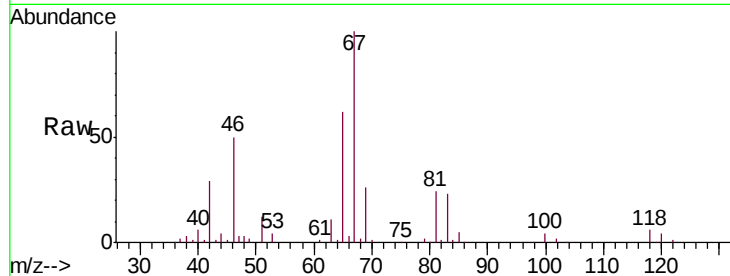




#37
 1,2-Dichloropropane
 Concen: 5.752 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008484.D
 Acq: 30 Oct 2018 21:39

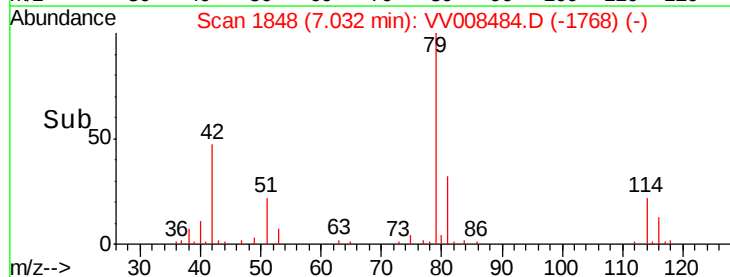
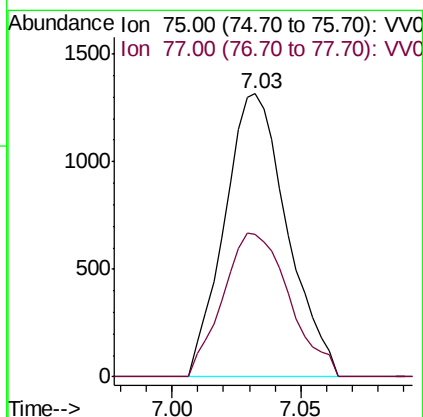
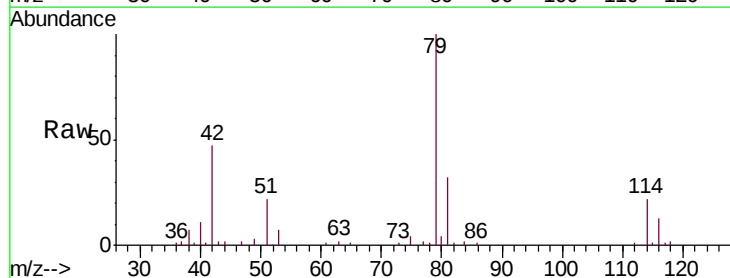
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBS2

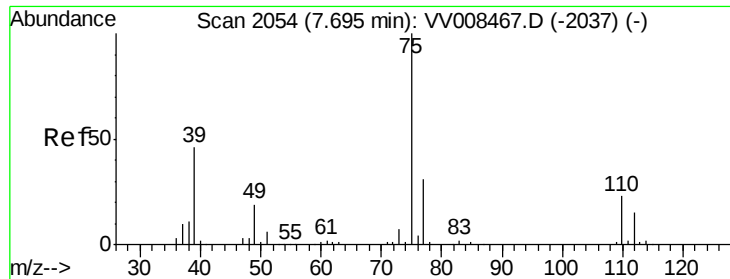
Tgt Ion: 63 Resp: 8840
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.923 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008484.D
 Acq: 30 Oct 2018 21:39

Tgt Ion: 75 Resp: 2230
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008484.D

Acq: 30 Oct 2018 21:39

Instrument :

MSVOA_V

ClientSampleId :

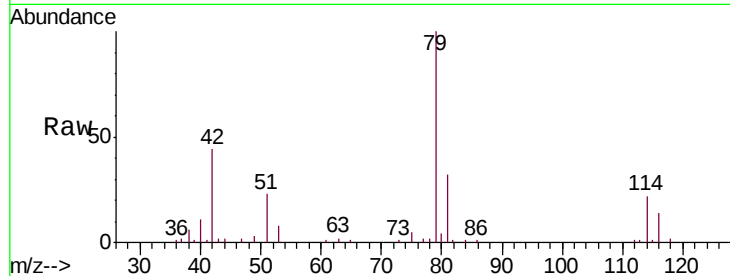
ETBS2

Tgt Ion: 75 Resp: 1725

Ion Ratio Lower Upper

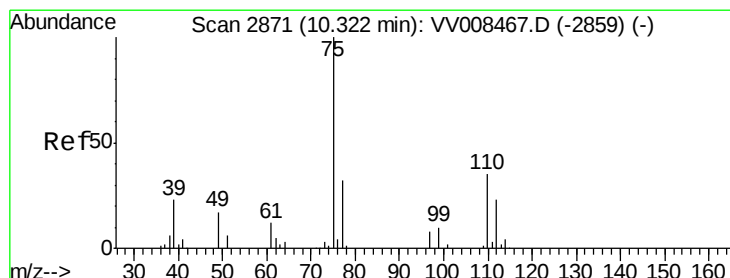
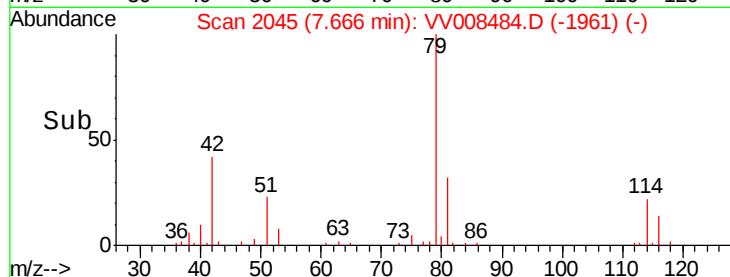
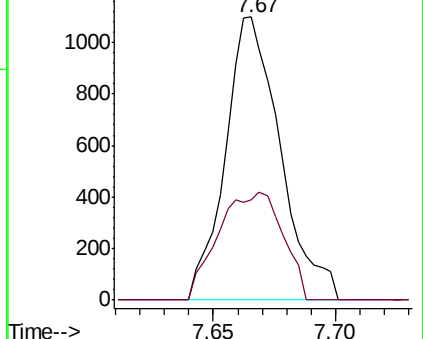
75 100

77 35.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008467.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008467.D (-2037) (-)



#59

1,2,3-Trichloropropane

Concen: 4.564 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008484.D

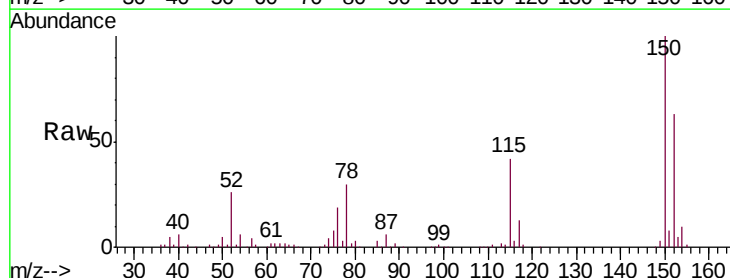
Acq: 30 Oct 2018 21:39

Tgt Ion: 75 Resp: 8791

Ion Ratio Lower Upper

75 100

77 40.5 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008467.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008467.D (-2859) (-)

