

Data File : VV008478.D
Acq On : 30 Oct 2018 19:20
Operator : SY/MD
Sample : J5716-17
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBQ5

Quant Time: Oct 31 07:18:54 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	197652	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49761	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.94%
7) Chloroethane-d5	1.56	69	35998	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.13	63	66703	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	3.94	46	102517	86.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	4.41	84	118067	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.09	65	82416	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
32) Benzene-d6	5.10	84	245442	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.12	67	82226	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.32%
41) Toluene-d8	7.36	98	221667	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.67	79	39556	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.14	63	82773	89.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.95%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110530	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	74257	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%

Target Compounds

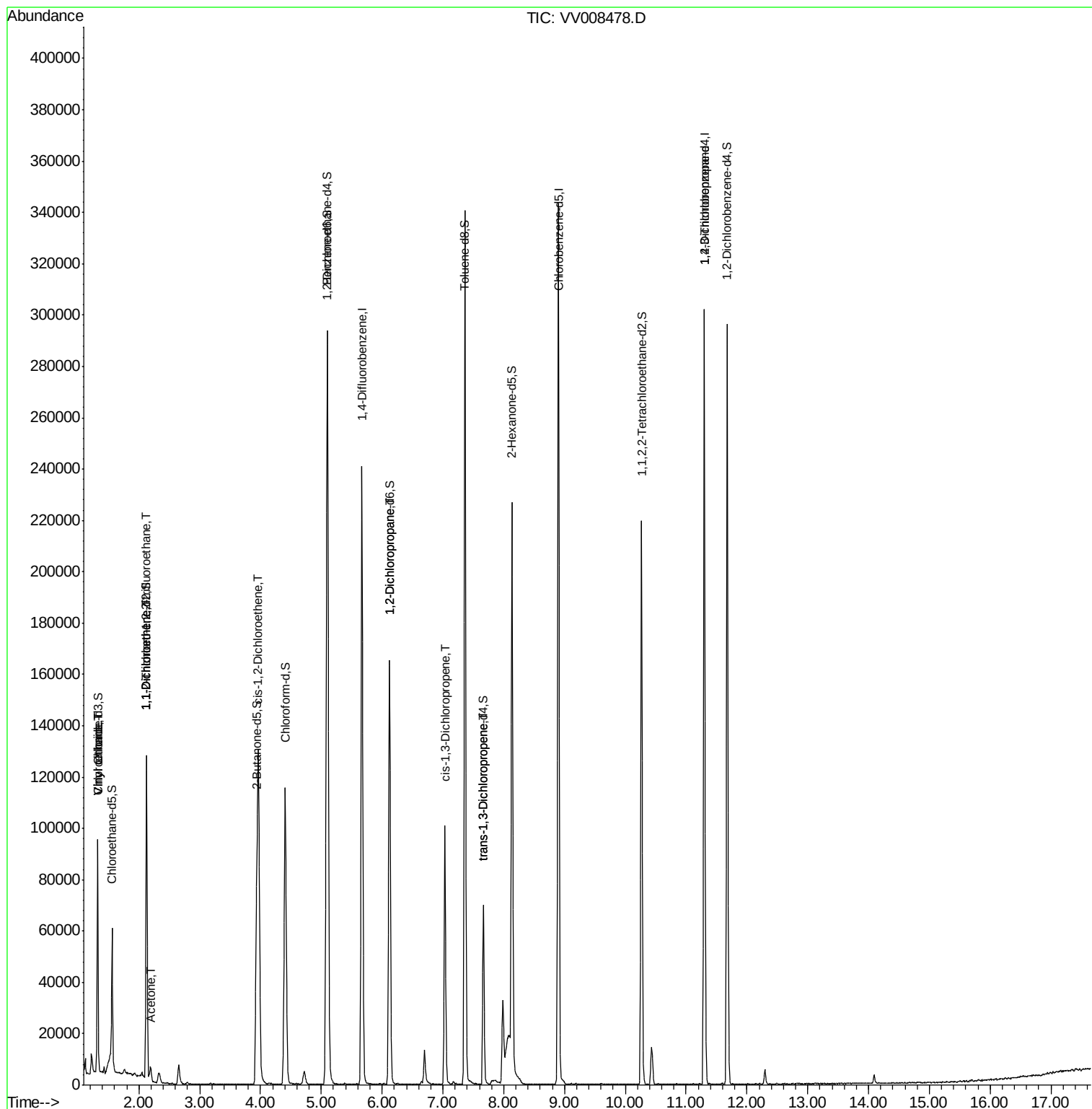
					Qvalue
5) Vinyl chloride	1.33	62	6126	4.373 ug/L #	72
8) Chloroethane	1.33	64	2999	4.075 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	529	0.562 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	656	0.740 ug/L #	1
13) Acetone	2.20	43	3650	3.954 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	61579	39.984 ug/L	95
37) 1,2-Dichloropropane	6.12	63	9113	5.666 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2234	0.883 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	1560	0.659 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	9725	4.825 ug/L	90

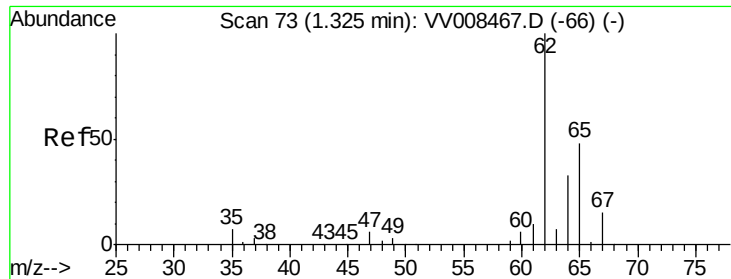
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 07:14:32 2018
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#5

Vinyl chloride

Concen: 4.373 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

Instrument :

MSVOA_V

ClientSampleId :

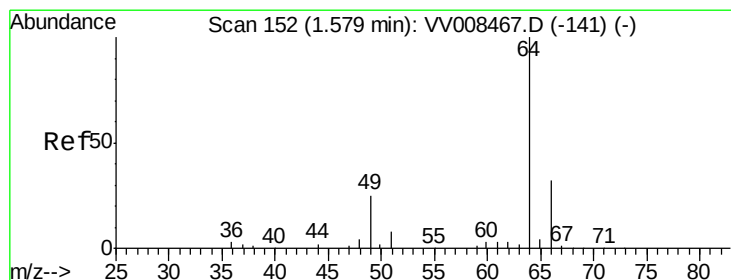
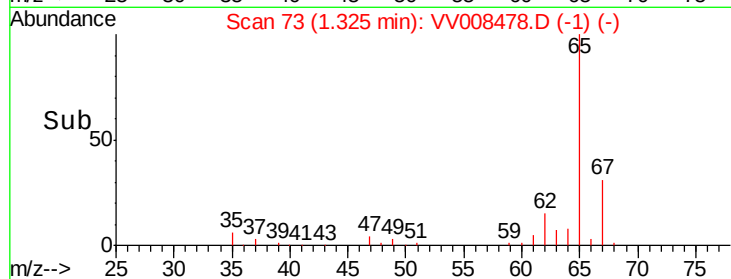
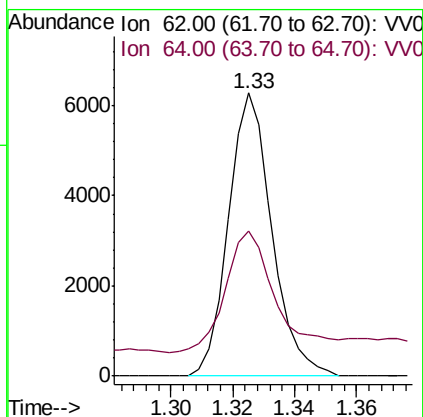
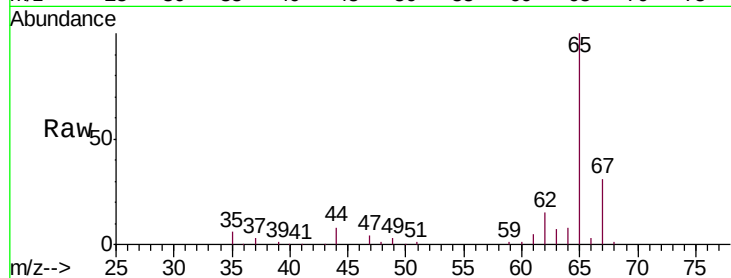
ETBQ5

Tgt Ion: 62 Resp: 6126

Ion Ratio Lower Upper

62 100

64 51.4 24.4 45.4#



#8

Chloroethane

Concen: 4.075 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.25 min

Lab File: VV008478.D

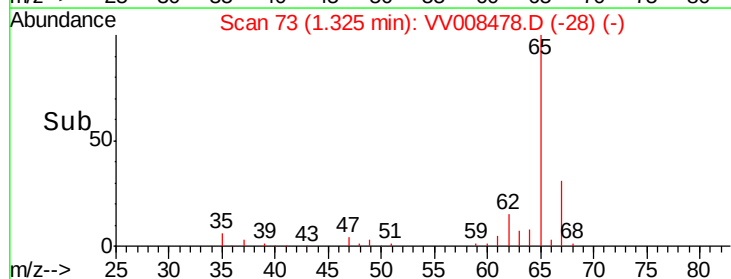
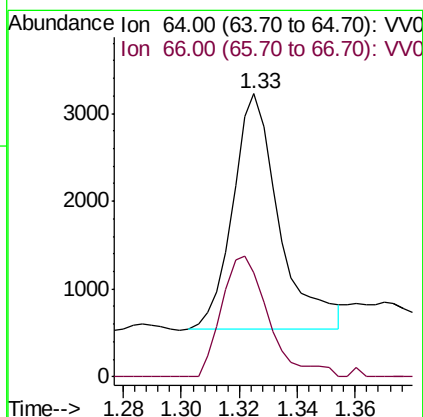
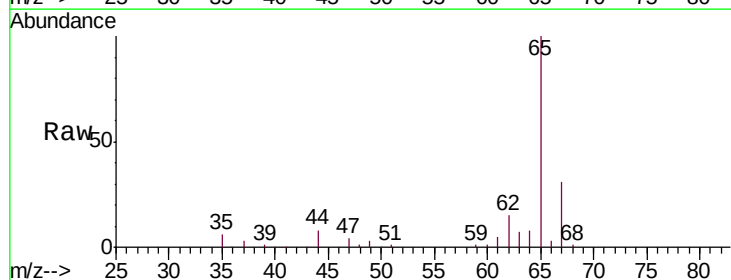
Acq: 30 Oct 2018 19:20

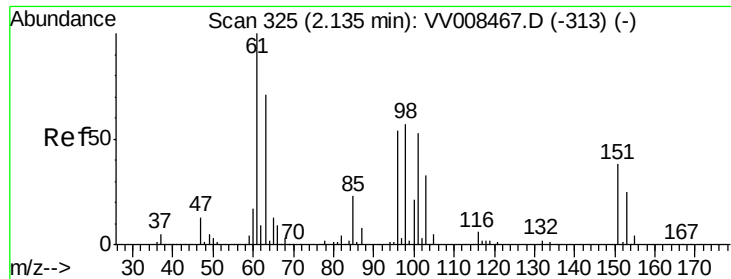
Tgt Ion: 64 Resp: 2999

Ion Ratio Lower Upper

64 100

66 36.7 19.9 36.9





#10

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

Concen: 0.562 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

Instrument :

MSVOA_V

ClientSampleId :

ETBQ5

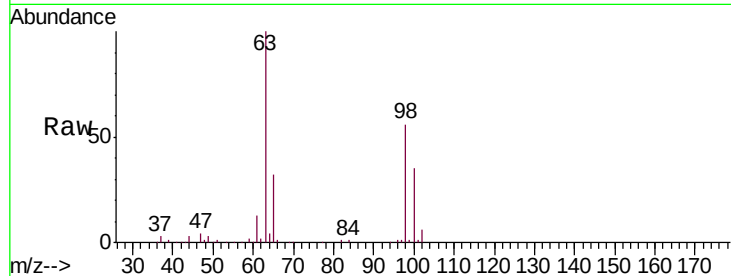
Tgt Ion: 101 Resp: 529

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

500

400

300

200

100

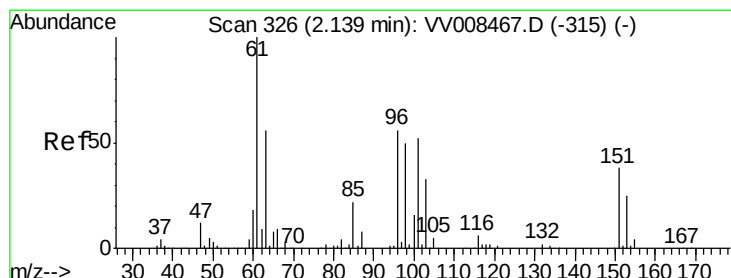
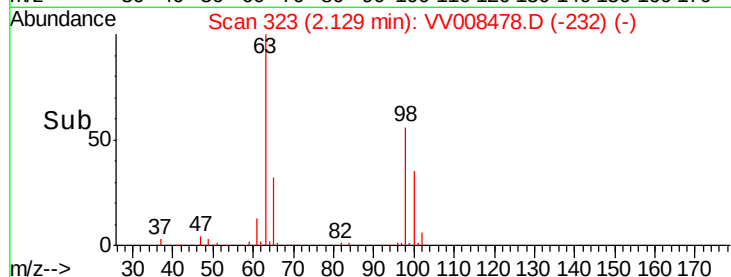
0

2.10

2.12

2.14

Time-->



#12

1,1-Dichloroethene

Concen: 0.740 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

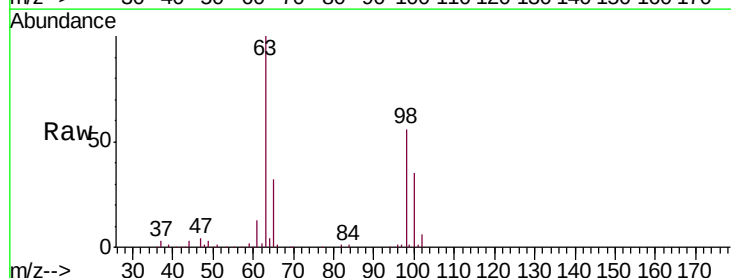
Tgt Ion: 96 Resp: 656

Ion Ratio Lower Upper

96 100

61 1318.6 130.3 242.1#

63 10407.5 84.4 156.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

60000

50000

40000

30000

20000

10000

0

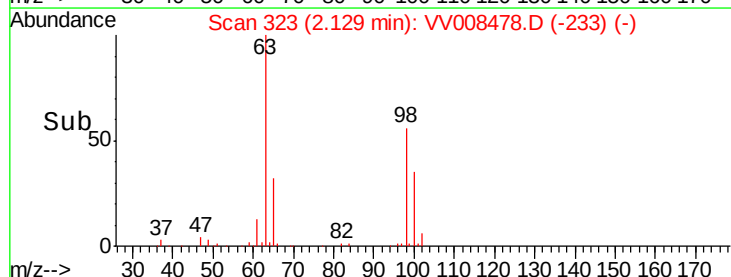
2.10

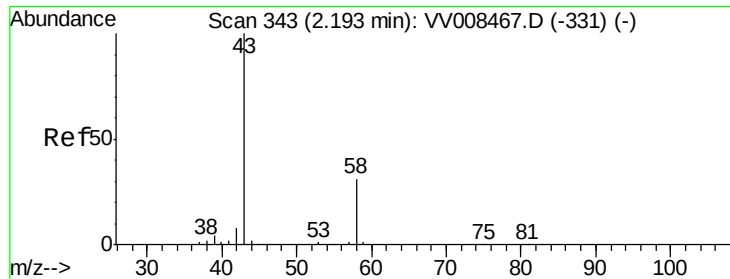
2.12

2.14

2.16

Time-->





#13

Acetone

Concen: 3.954 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

Instrument :

MSVOA_V

ClientSampled :

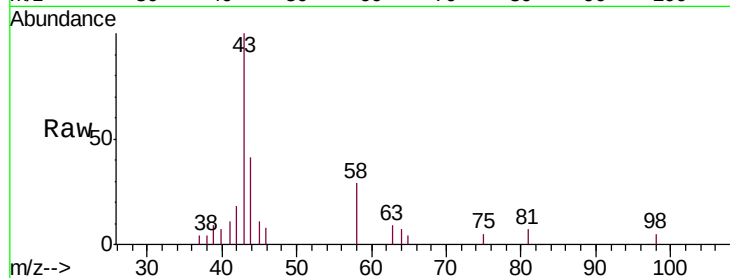
ETBQ5

Tgt Ion: 43 Resp: 3650

Ion Ratio Lower Upper

43 100

58 28.3 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008467.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008467.D (-331) (-)

2500

2000

1500

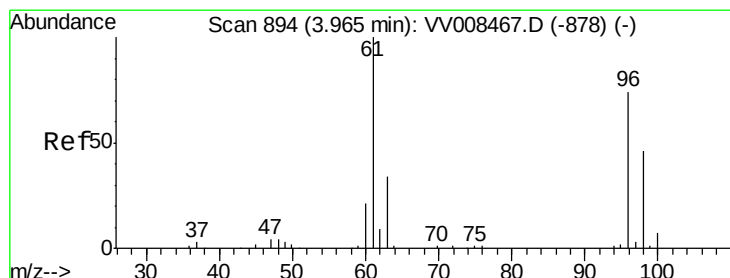
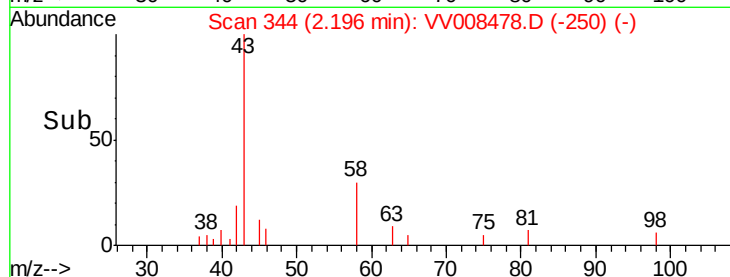
1000

500

0

2.15 2.20 2.25

Time-->



#20

cis-1,2-Dichloroethene

Concen: 39.984 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

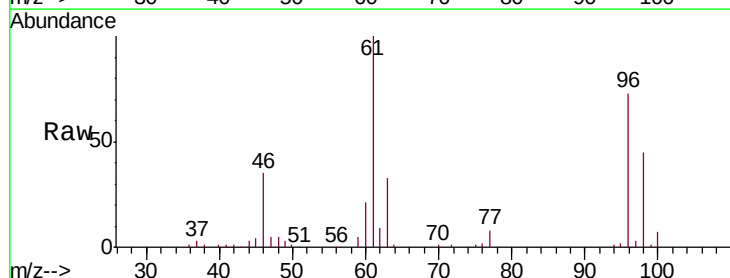
Tgt Ion: 96 Resp: 61579

Ion Ratio Lower Upper

96 100

61 137.8 100.9 187.5

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) (-)

40000

30000

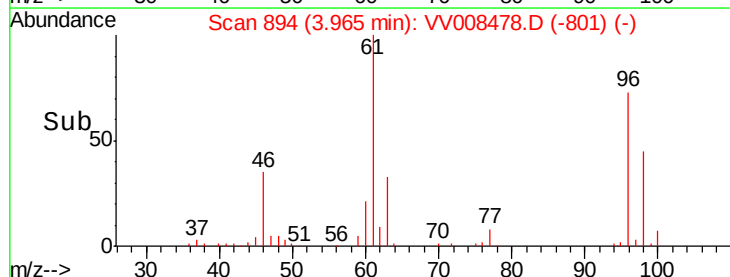
20000

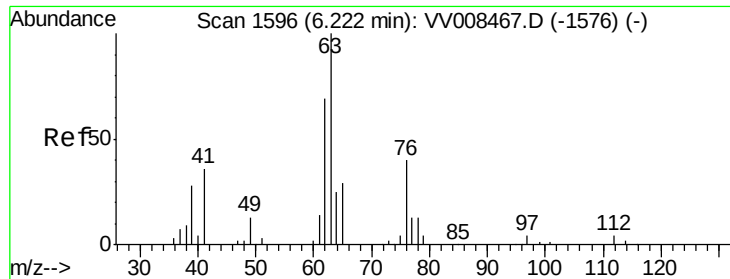
10000

0

3.90 3.96 4.00 4.10

Time-->

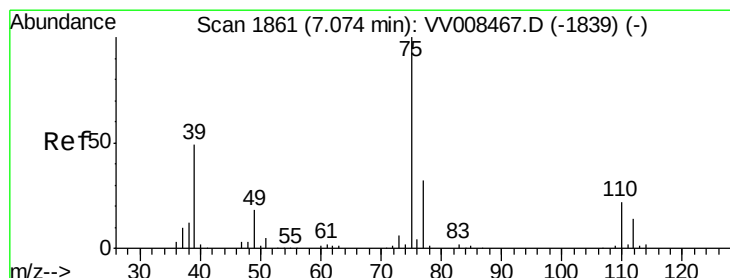
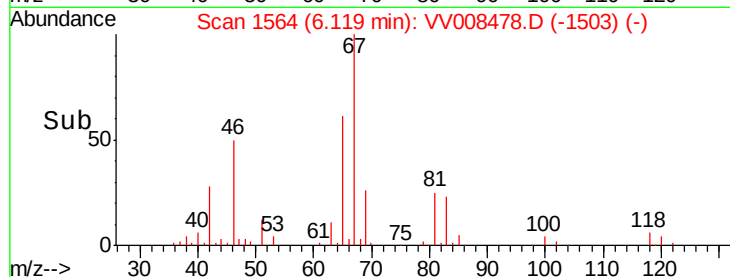
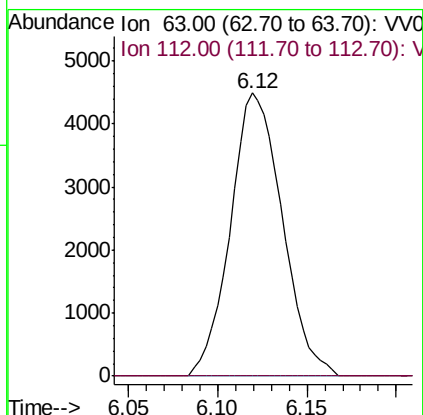
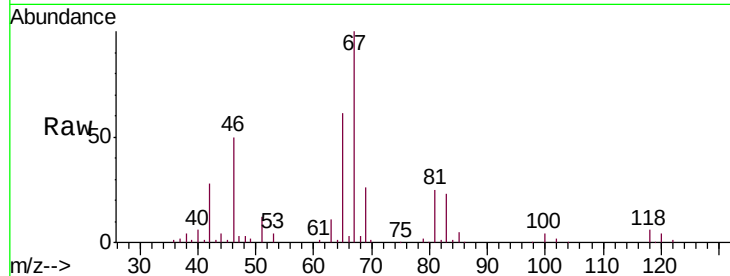




#37
 1,2-Dichloropropane
 Concen: 5.666 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008478.D
 Acq: 30 Oct 2018 19:20

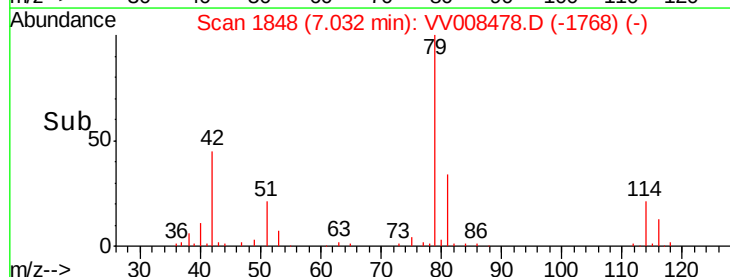
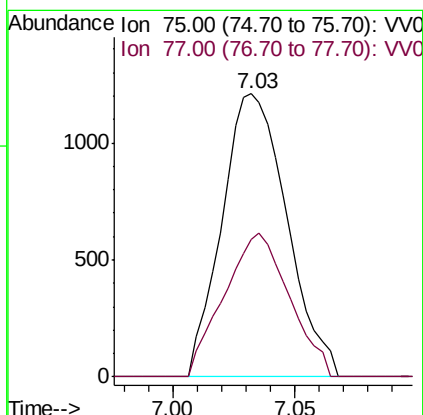
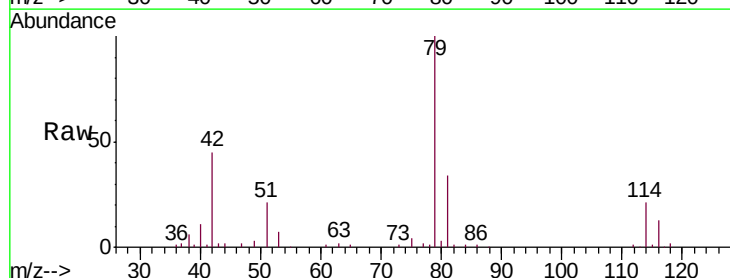
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBQ5

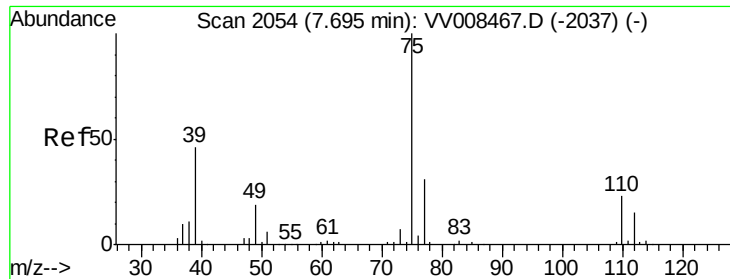
Tgt Ion: 63 Resp: 9113
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.883 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008478.D
 Acq: 30 Oct 2018 19:20

Tgt Ion: 75 Resp: 2234
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008478.D

Acq: 30 Oct 2018 19:20

Instrument :

MSVOA_V

ClientSampled :

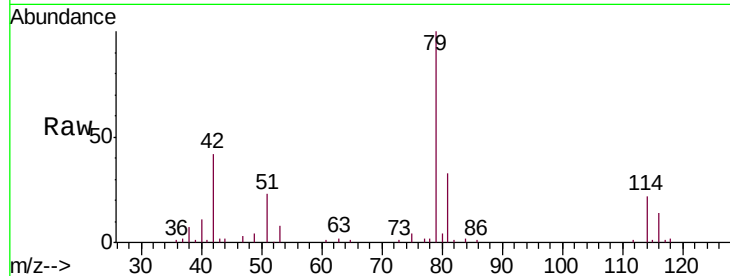
ETBQ5

Tgt Ion: 75 Resp: 1560

Ion Ratio Lower Upper

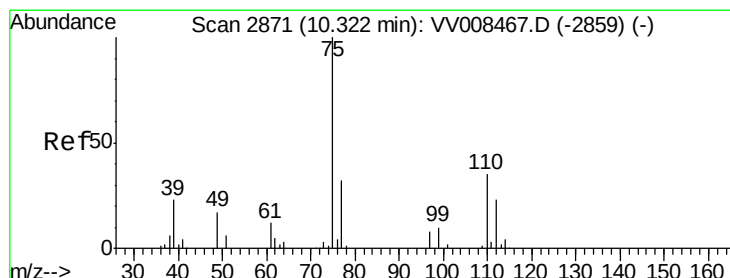
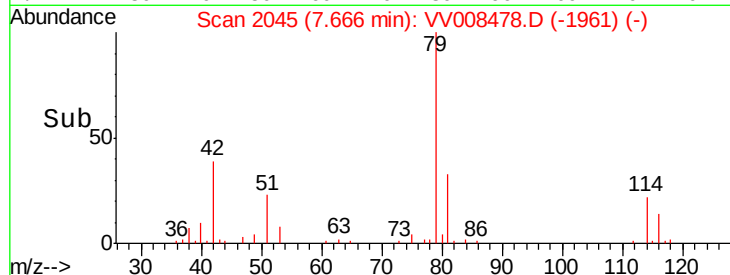
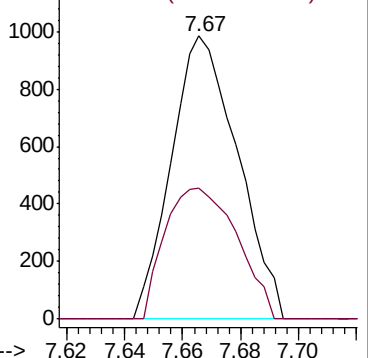
75 100

77 46.2 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.825 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008478.D

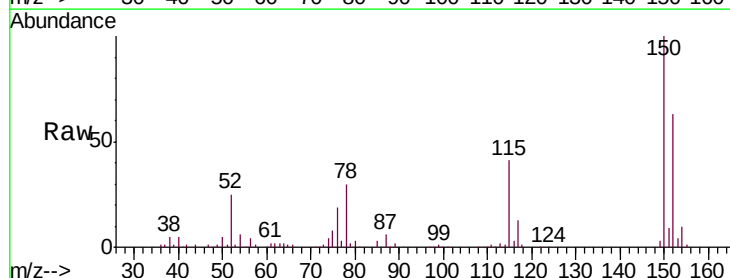
Acq: 30 Oct 2018 19:20

Tgt Ion: 75 Resp: 9725

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

