

Data File : VV008477.D
Acq On : 30 Oct 2018 18:57
Operator : SY/MD
Sample : J5716-16
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBQ4

Quant Time: Oct 31 07:18:43 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	184368	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50893	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.72%
7) Chloroethane-d5	1.63	69	209	0.28	ug/L	0.07
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.56%#
11) 1,1-Dichloroethene-d2	2.13	63	67398	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.12%
21) 2-Butanone-d5	3.94	46	103684	93.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	4.41	84	118679	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.09	65	82893	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.10	84	248128	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
36) 1,2-Dichloropropane-d6	6.12	67	83290	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.36	98	223032	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%
43) trans-1,3-Dichloropropene-	7.67	79	38435	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.18%
47) 2-Hexanone-d5	8.13	63	82159	94.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109683	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	73473	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

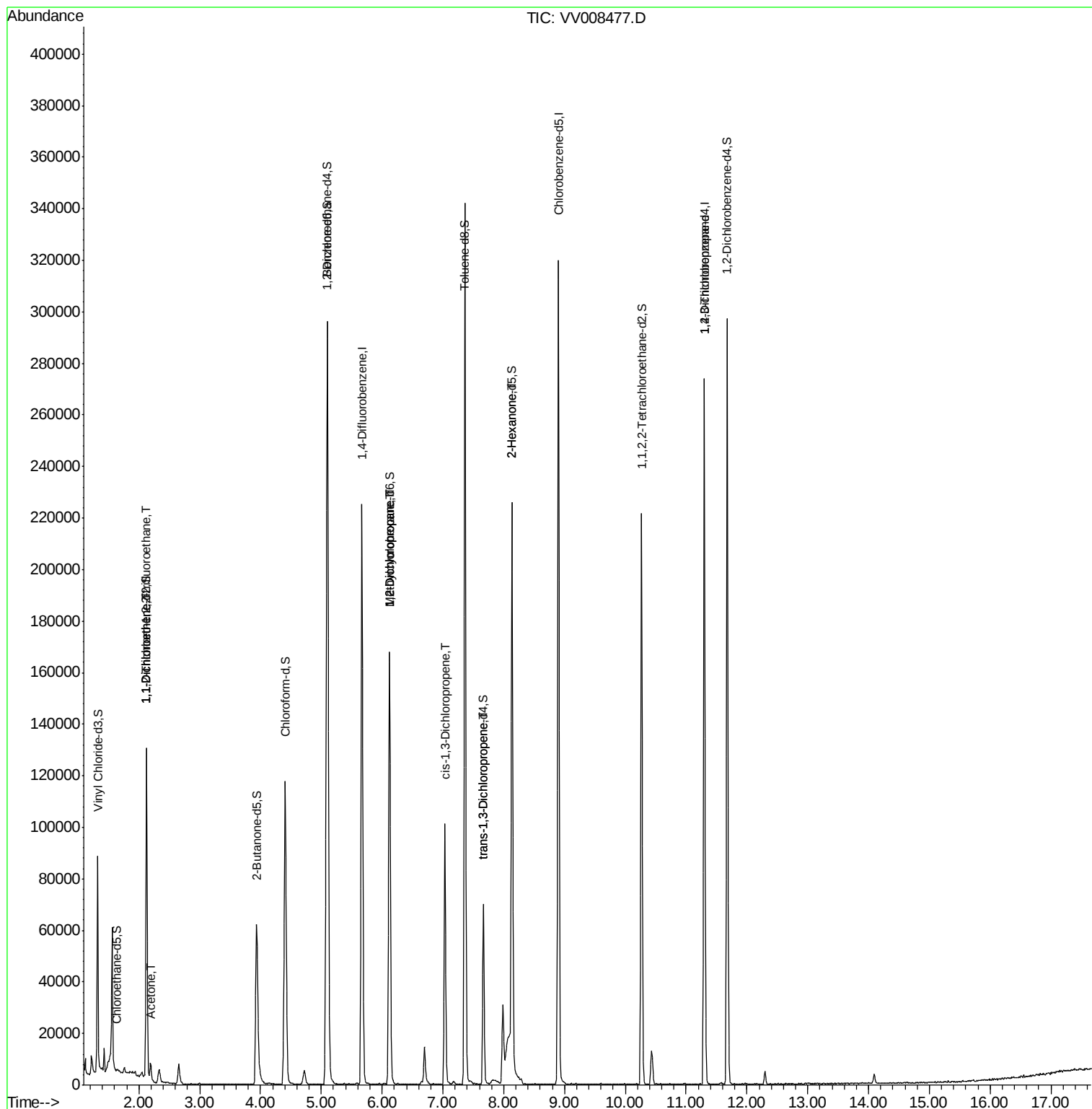
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	568	0.646	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	558	0.675	ug/L #	1
13) Acetone	2.19	43	4818	5.596	ug/L	97
35) Methylcyclohexane	6.12	83	18958	7.929	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8932	5.888	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2432	1.020	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1597	0.716	ug/L	90
48) 2-Hexanone	8.13	43	9223	5.320	ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	9027	4.748	ug/L	90

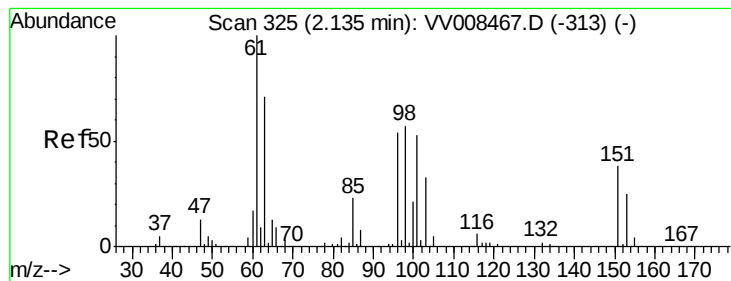
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.646 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

Instrument :

MSVOA_V

ClientSampleId :

ETBQ4

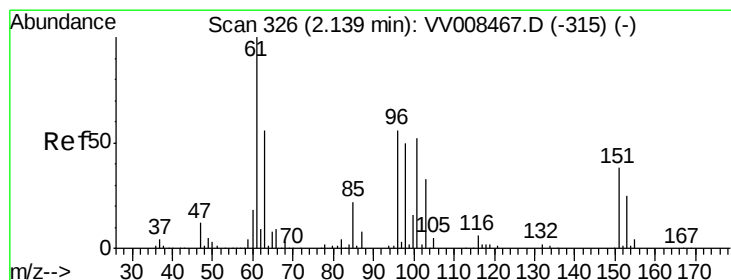
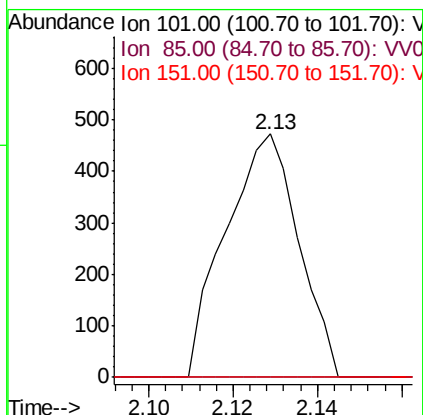
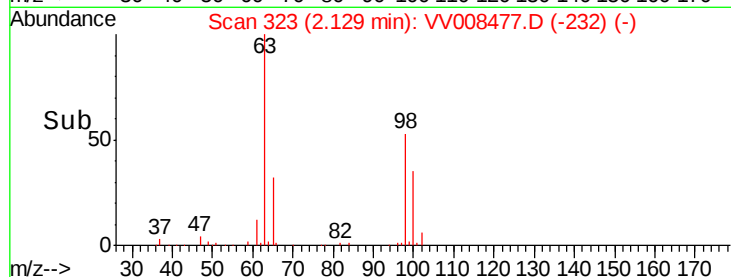
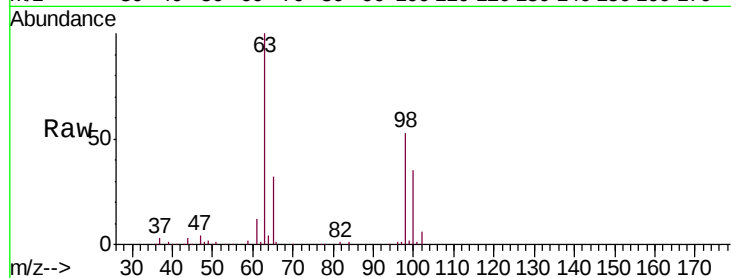
Tgt Ion: 101 Resp: 568

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: 0.675 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

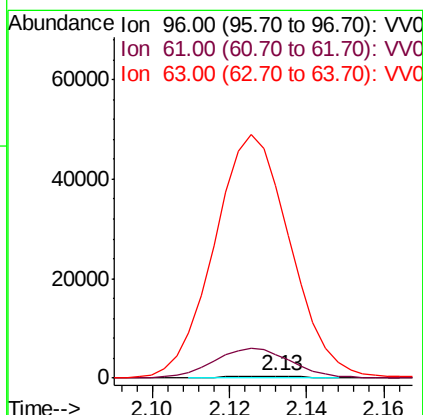
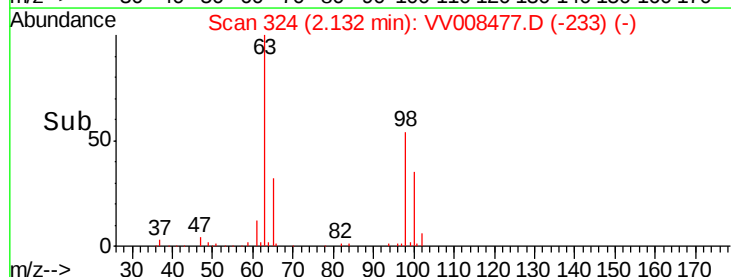
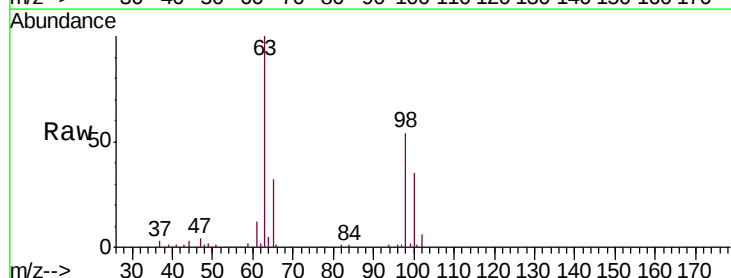
Tgt Ion: 96 Resp: 558

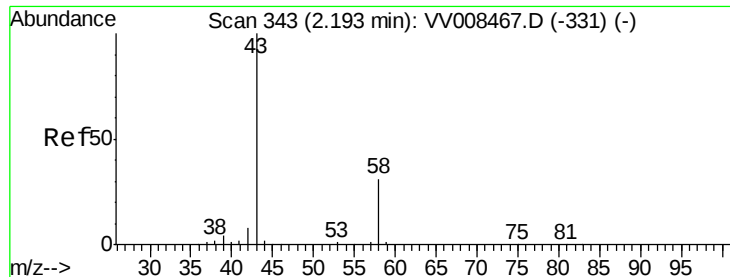
Ion Ratio Lower Upper

96 100

61 1342.3 130.3 242.1#

63 10830.3 84.4 156.8#





#13

Acetone

Concen: 5.596 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

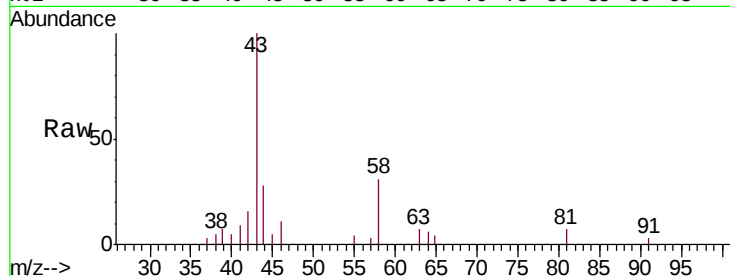
Instrument :
MSVOA_V
ClientSampleId :
ETBQ4

Tgt Ion: 43 Resp: 4818

Ion Ratio Lower Upper

43 100

58 32.2 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) (-)

2.19

3000

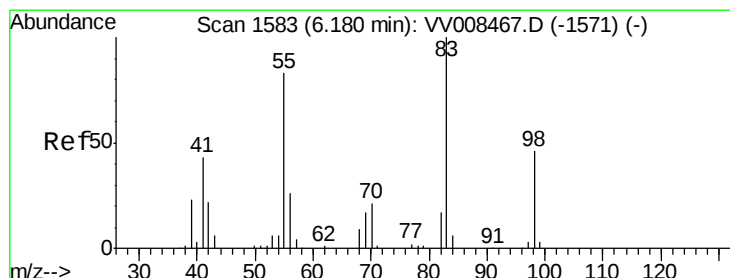
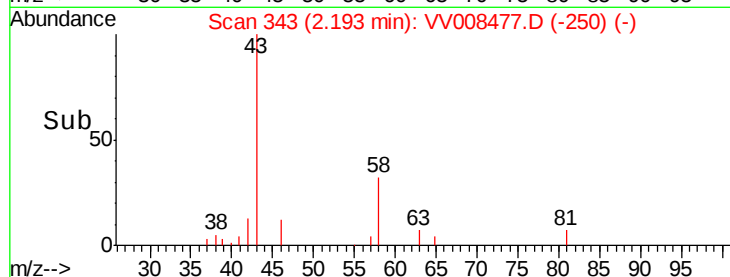
2000

1000

0

2.15 2.20 2.25

Time-->



#35

Methylcyclohexane

Concen: 7.929 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

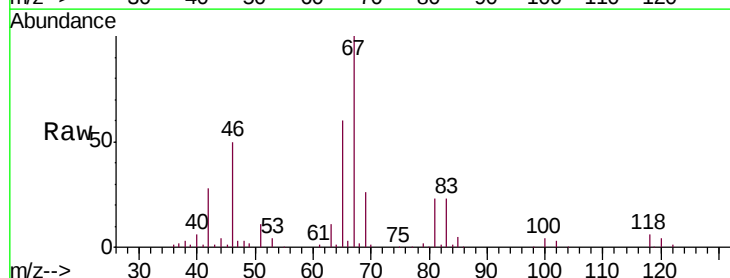
Tgt Ion: 83 Resp: 18958

Ion Ratio Lower Upper

83 100

55 0.5 65.0 97.4#

98 0.9 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV008467.D (-1571) (-)

Ion 55.00 (54.70 to 55.70): VV008467.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VV008467.D (-1571) (-)

6.12

12000

10000

8000

6000

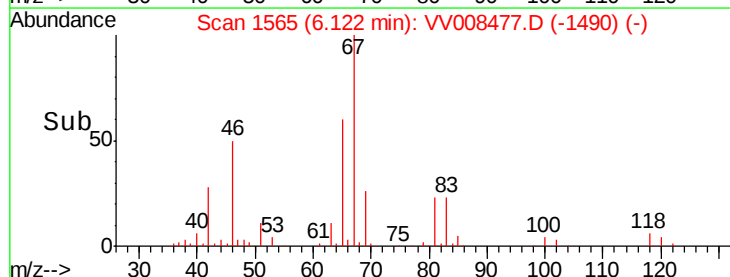
4000

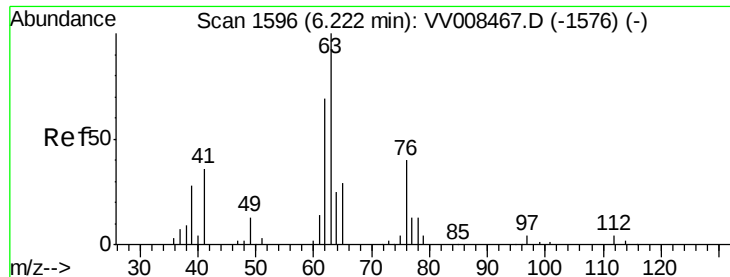
2000

0

6.05 6.10 6.15 6.20

Time-->

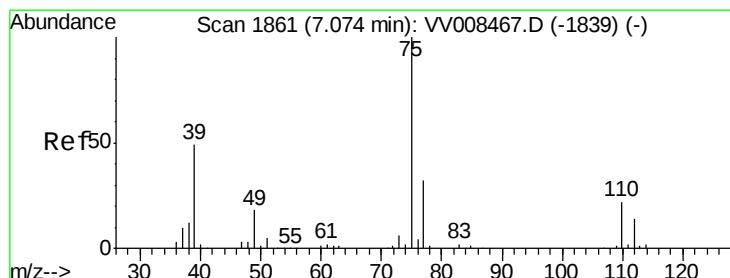
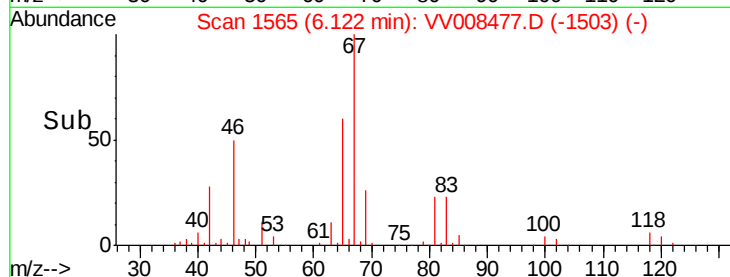
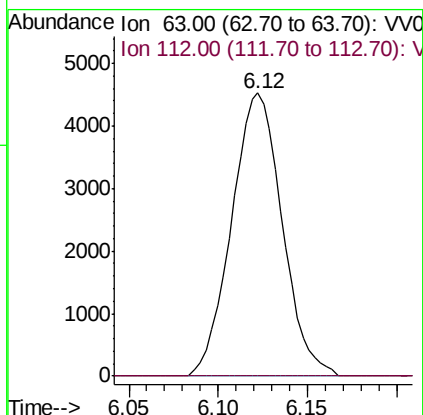
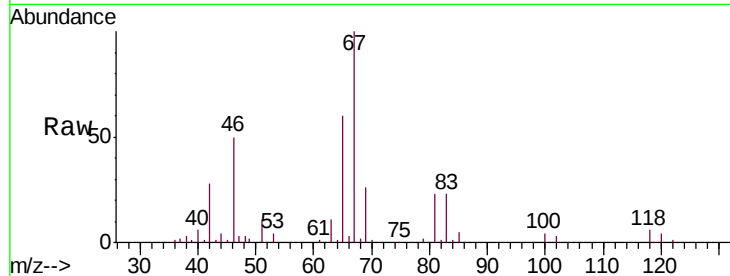




#37
 1,2-Dichloropropane
 Concen: 5.888 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008477.D
 Acq: 30 Oct 2018 18:57

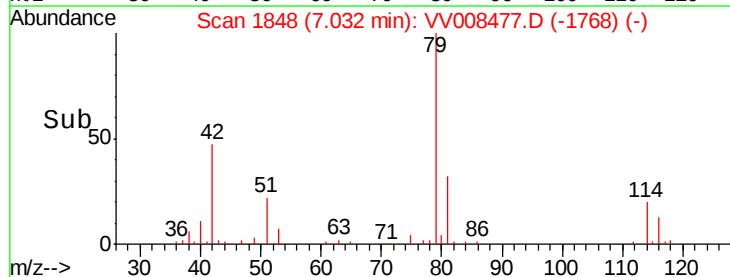
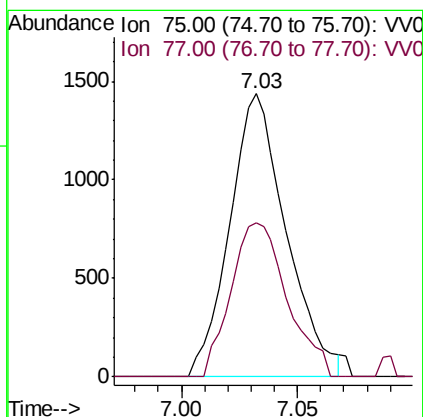
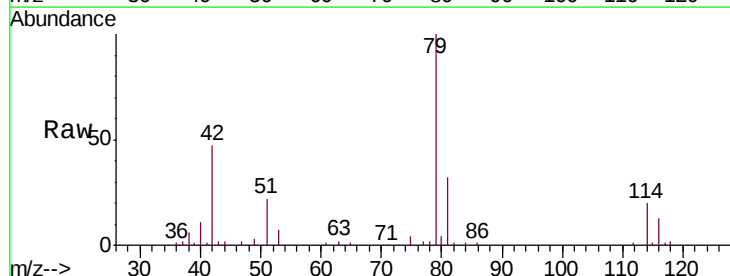
Instrument :
 MSVOA_V
 ClientSampled :
 ETBQ4

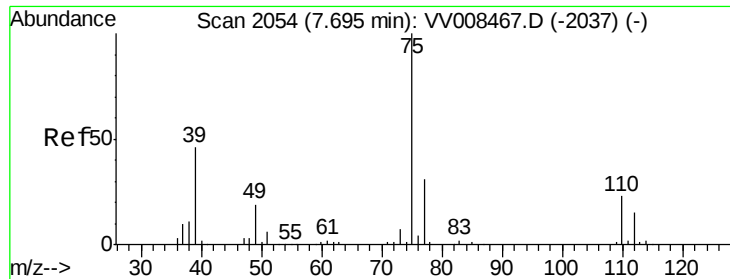
Tgt Ion: 63 Resp: 8932
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.020 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008477.D
 Acq: 30 Oct 2018 18:57

Tgt Ion: 75 Resp: 2432
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

Instrument :

MSVOA_V

ClientSampleId :

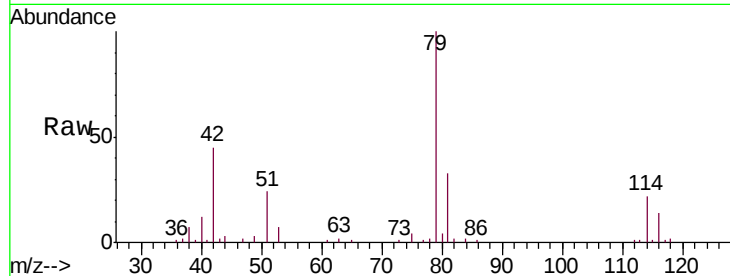
ETBQ4

Tgt Ion: 75 Resp: 1597

Ion Ratio Lower Upper

75 100

77 36.5 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) (-)

7.67

1000

800

600

400

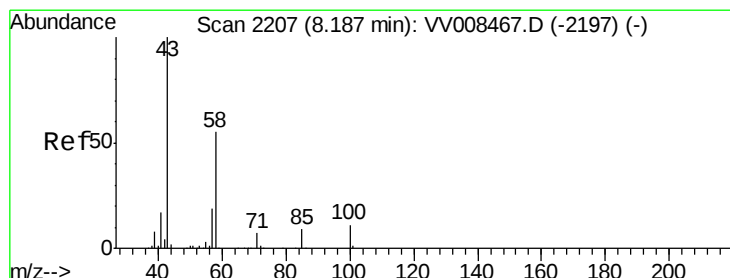
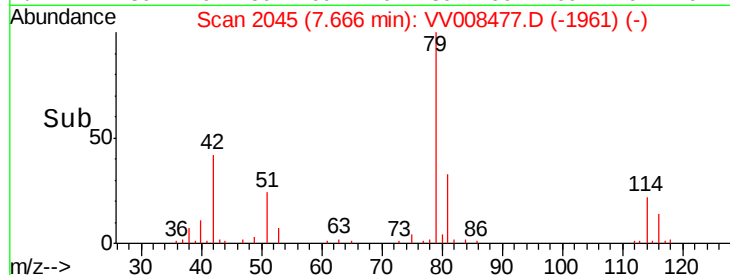
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 5.320 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

Tgt Ion: 43 Resp: 9223

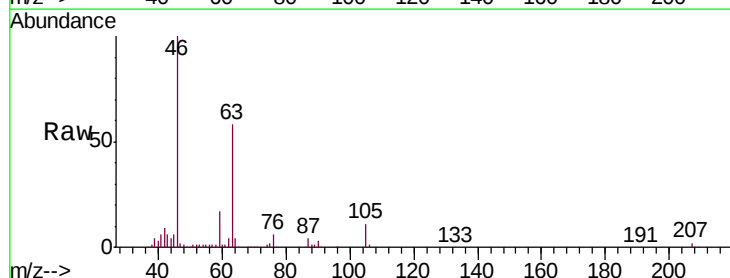
Ion Ratio Lower Upper

43 100

58 20.3 42.6 63.8#

57 20.9 14.8 22.2

100 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VV008467.D (-2197) (-)

Ion 58.00 (57.70 to 58.70): VV008467.D (-2197) (-)

Ion 57.00 (56.70 to 57.70): VV008467.D (-2197) (-)

Ion 100.00 (99.70 to 100.70): VV008467.D (-2197) (-)

8.13

8000

6000

4000

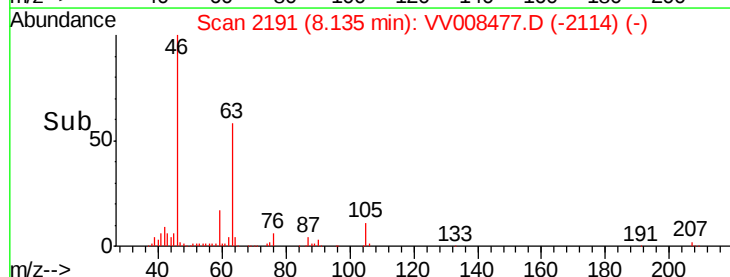
2000

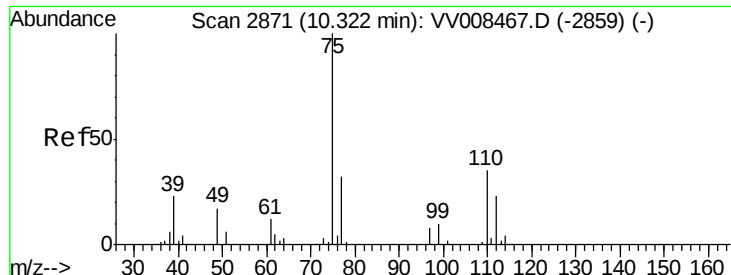
0

8.10

8.15

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.748 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008477.D

Acq: 30 Oct 2018 18:57

Instrument :

MSVOA_V

ClientSampleId :

ETBQ4

Tgt Ion: 75 Resp: 9027

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

