

Data File : VV008464.D
Acq On : 29 Oct 2018 19:21
Operator : SY/MD
Sample : J5716-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX6

Quant Time: Oct 30 07:46:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44293	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.56	69	35727	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	61833	33.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.10%
21) 2-Butanone-d5	3.93	46	108626	97.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.41	84	119329	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.09	65	84083	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.10	84	238218	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.12	67	82710	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.36	98	213216	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.67	79	39520	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
47) 2-Hexanone-d5	8.14	63	80466	93.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.49%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110874	49.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	71597	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%

Target Compounds

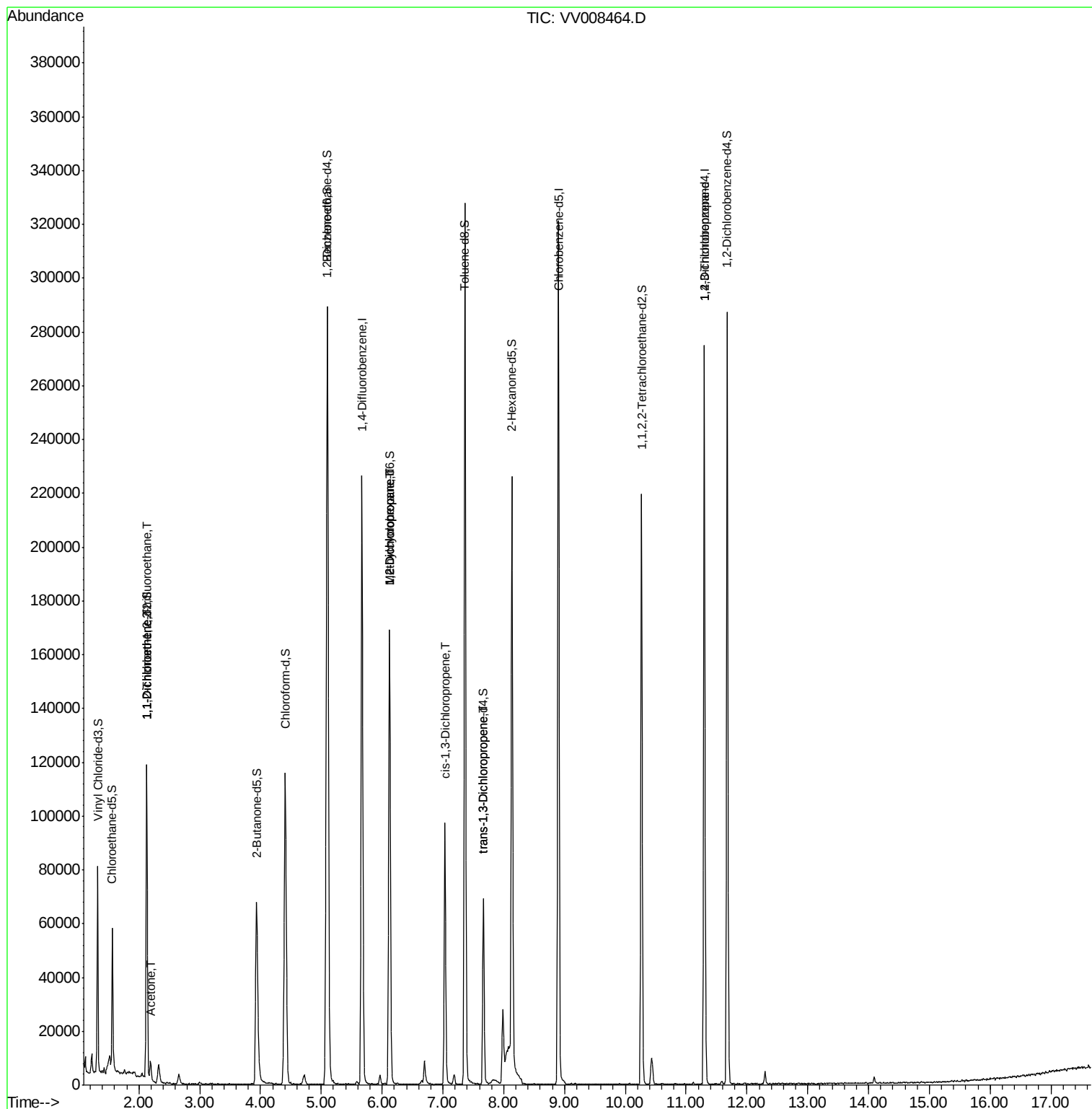
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	485	0.552	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	509	0.616	ug/L #	1
13) Acetone	2.19	43	5234	6.082	ug/L	98
35) Methylcyclohexane	6.12	83	19099	8.055	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8942	5.944	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2144	0.907	ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1672	0.756	ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	8725	4.628	ug/L #	87

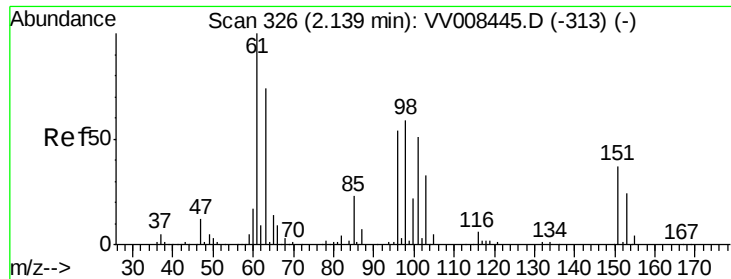
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.552 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Acq: 29 Oct 2018 19:21

Instrument :

MSVOA_V

ClientSampled :

ETBX6

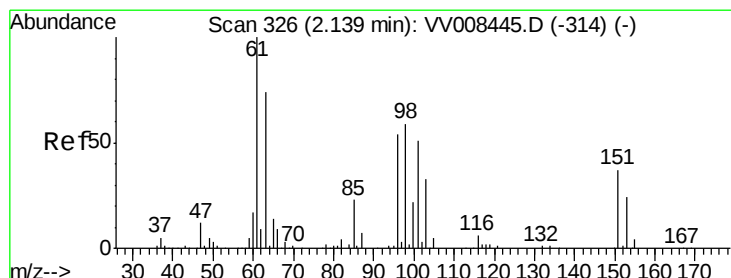
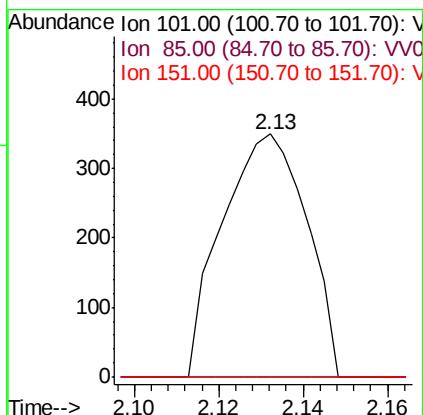
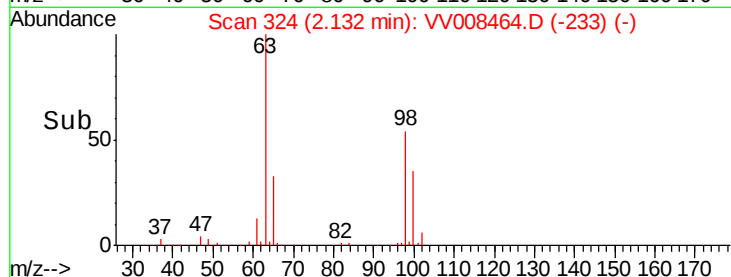
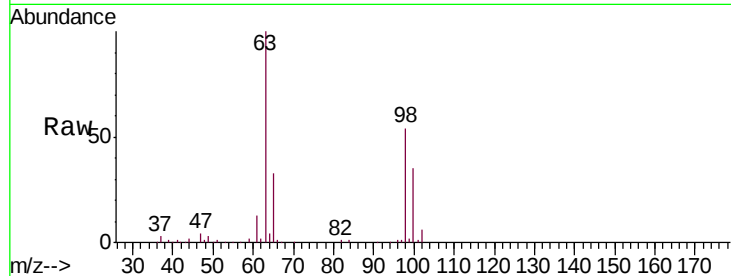
Tgt Ion: 101 Resp: 485

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: 0.616 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008464.D

Acq: 29 Oct 2018 19:21

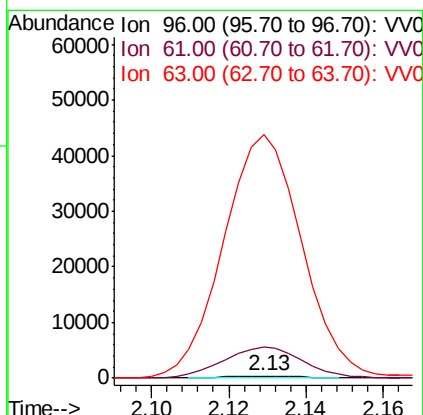
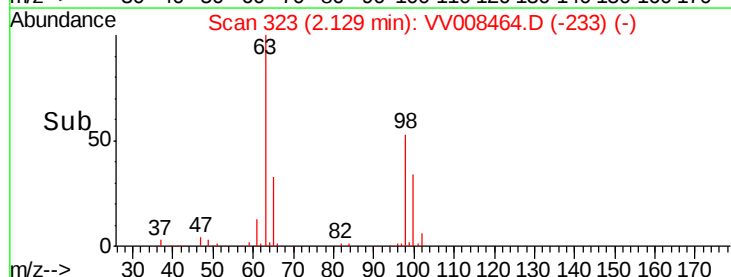
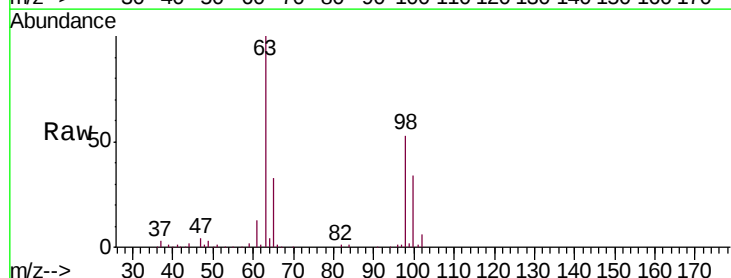
Tgt Ion: 96 Resp: 509

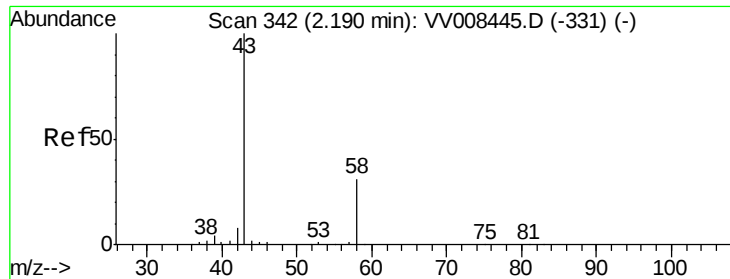
Ion Ratio Lower Upper

96 100

61 1543.8 130.3 242.1#

63 11995.6 84.4 156.8#





#13

Acetone

Concen: 6.082 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008464.D

Acq: 29 Oct 2018 19:21

Instrument :

MSVOA_V

ClientSampleId :

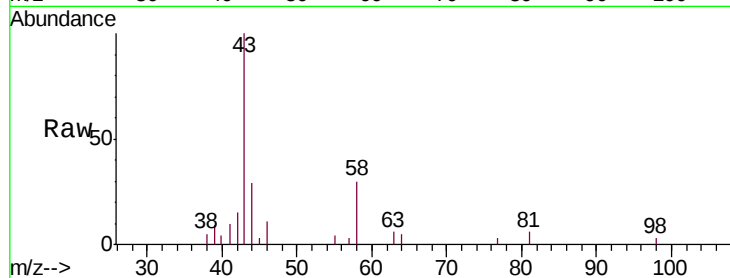
ETBX6

Tgt Ion: 43 Resp: 5234

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-331) (-)

2.19

4000

3000

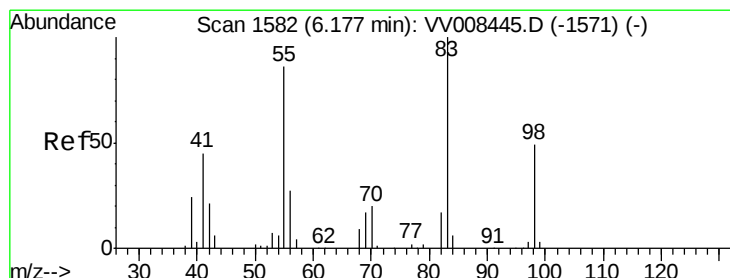
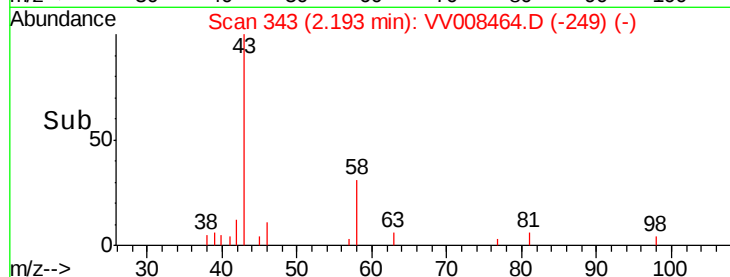
2000

1000

0

2.15 2.20 2.25

Time-->



#35

Methylcyclohexane

Concen: 8.055 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008464.D

Acq: 29 Oct 2018 19:21

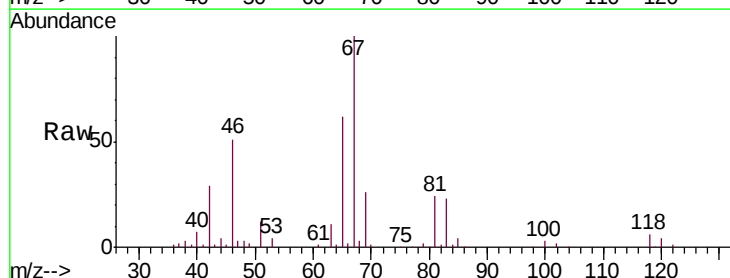
Tgt Ion: 83 Resp: 19099

Ion Ratio Lower Upper

83 100

55 0.3 65.0 97.4#

98 1.4 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV008445.D (-1571) (-)

Ion 55.00 (54.70 to 55.70): VV008445.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VV008445.D (-1571) (-)

6.12

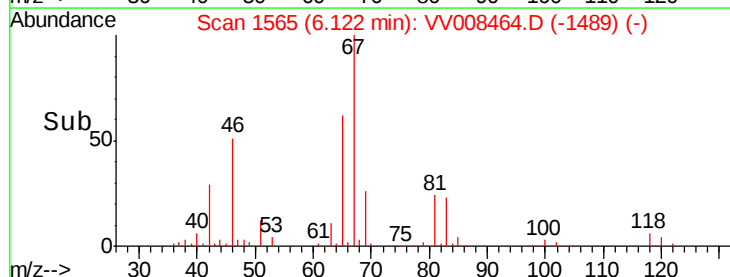
10000

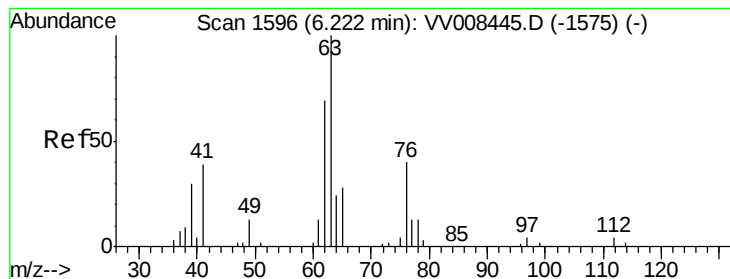
5000

0

6.05 6.10 6.15 6.20

Time-->





#37

1,2-Dichloropropane

Concen: 5.944 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008464.D

Acq: 29 Oct 2018 19:21

Instrument :

MSVOA_V

ClientSampleId :

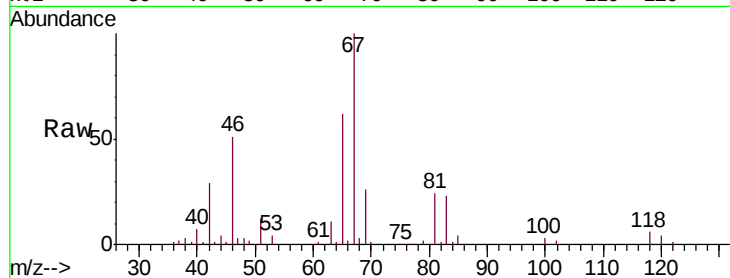
ETBX6

Tgt Ion: 63 Resp: 8942

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV008445.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV008445.D (-1575) (-)

6.12

5000

4000

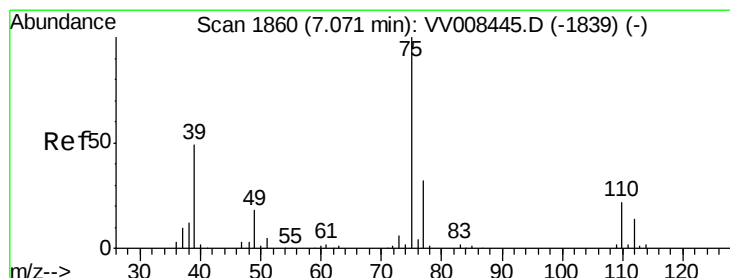
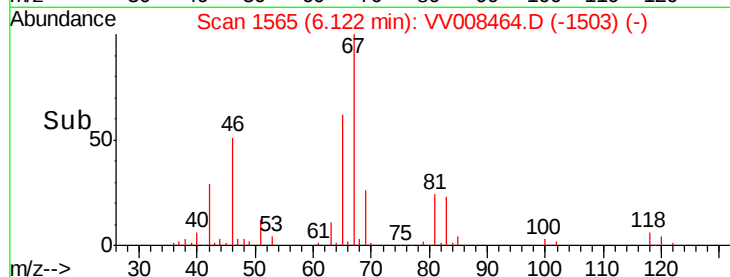
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008464.D

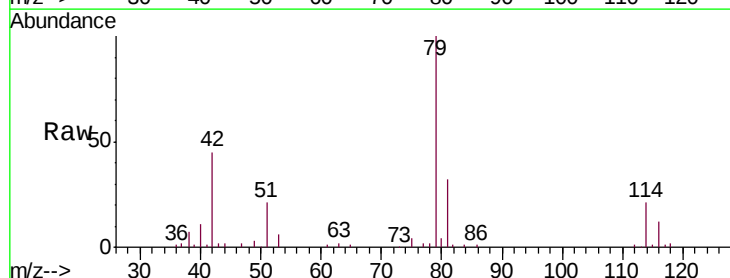
Acq: 29 Oct 2018 19:21

Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 54.0 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-1839) (-)

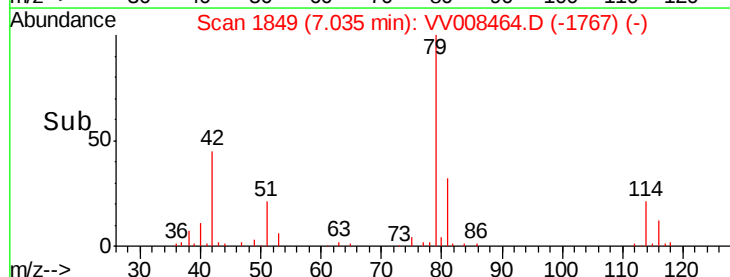
7.04

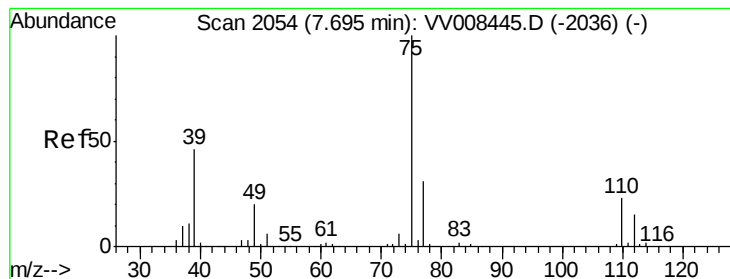
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008464.D

Acq: 29 Oct 2018 19:21

Instrument :

MSVOA_V

ClientSampleId :

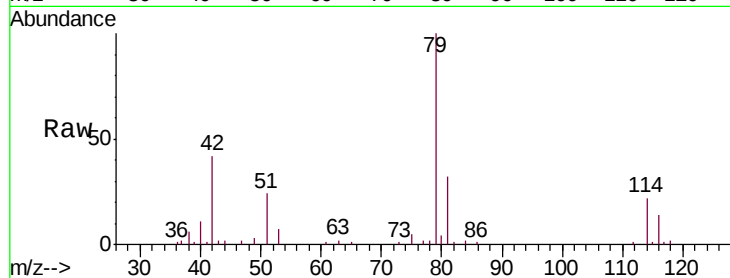
ETBX6

Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

75 100

77 35.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-2036) (-)

7.67

1200

1000

800

600

400

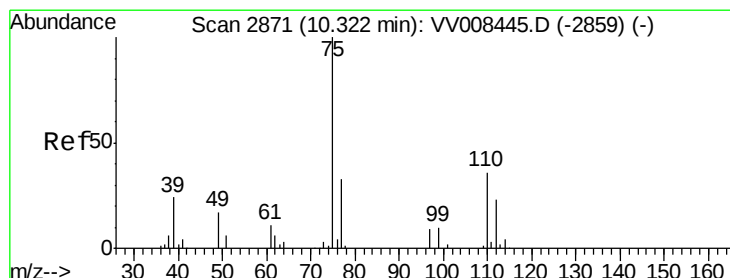
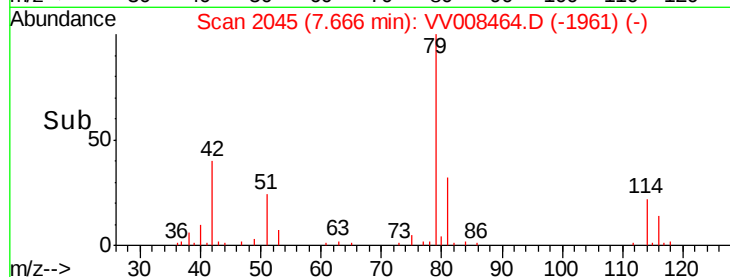
200

0

7.65

7.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.628 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008464.D

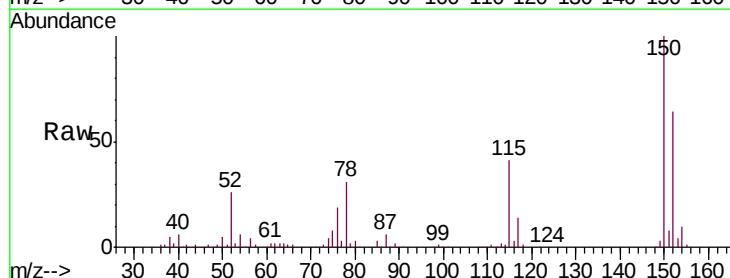
Acq: 29 Oct 2018 19:21

Tgt Ion: 75 Resp: 8725

Ion Ratio Lower Upper

75 100

77 39.4 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-2859) (-)

11.30

6000

5000

4000

3000

2000

1000

0

11.25

11.30

11.35

Time-->

