

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007751.D
 Acq On : 22 Sep 2018 22:27
 Operator : SY/MD
 Sample : J5012-15
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q4

Quant Time: Sep 24 02:36:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	186545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40244	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.38%
7) Chloroethane-d5	1.59	69	40349	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.14	63	77925	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	3.95	46	53639	80.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.11%
24) Chloroform-d	4.41	84	90633	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.09	65	62488	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
32) Benzene-d6	5.11	84	181264	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.13	67	54204	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.74%
41) Toluene-d8	7.36	98	187698	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.67	79	22407	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
47) 2-Hexanone-d5	8.14	63	42422	78.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.85%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79956	41.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	85748	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%

Target Compounds

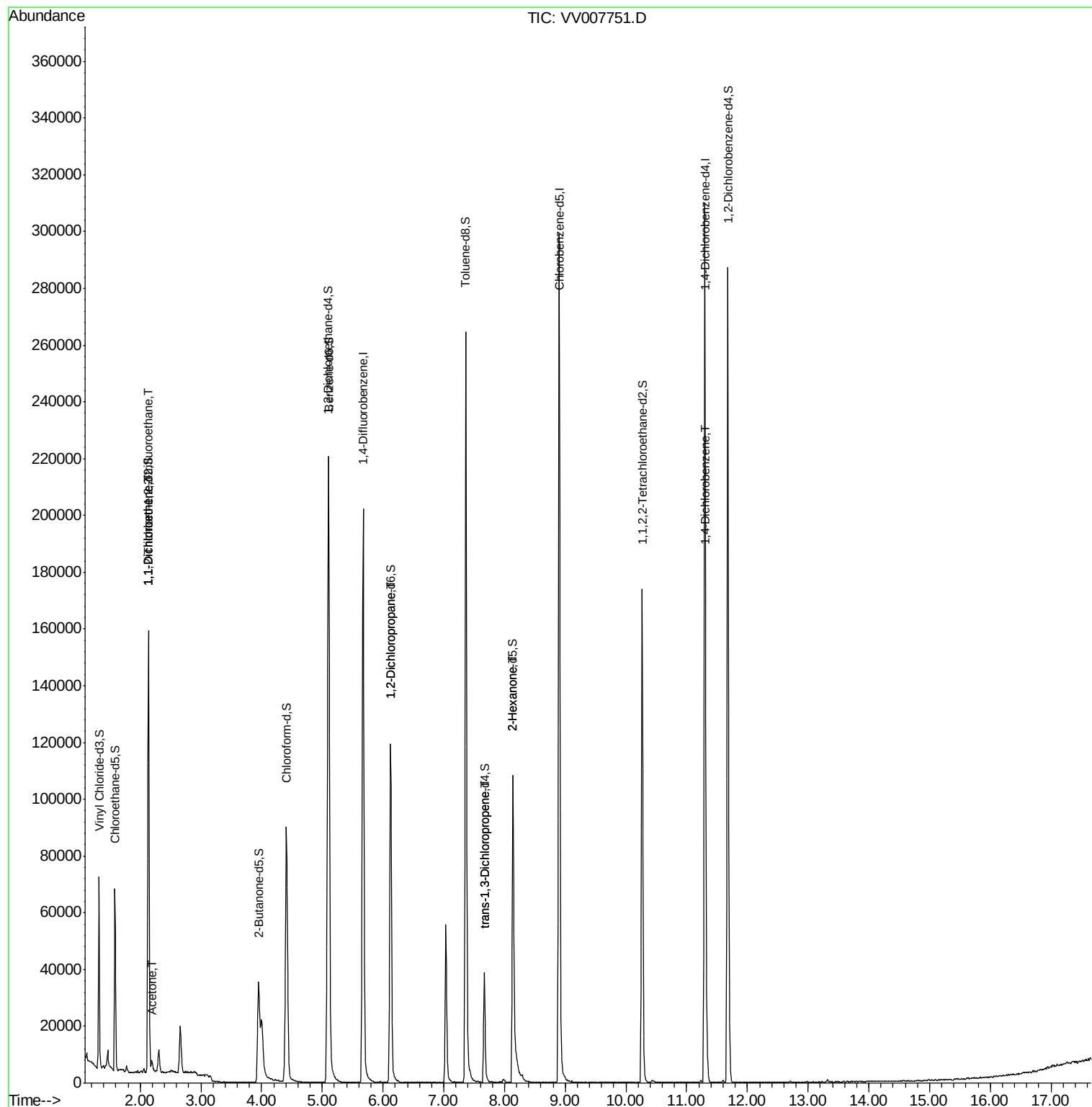
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	782	0.554 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	754	0.609 ug/L #	1
13) Acetone	2.20	43	1643	2.325 ug/L	89
37) 1,2-Dichloropropane	6.13	63	6646	6.123 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1083	0.654 ug/L #	65
48) 2-Hexanone	8.14	43	5424	4.905 ug/L #	78
63) 1,4-Dichlorobenzene	11.32	146	1478	0.484 ug/L #	82

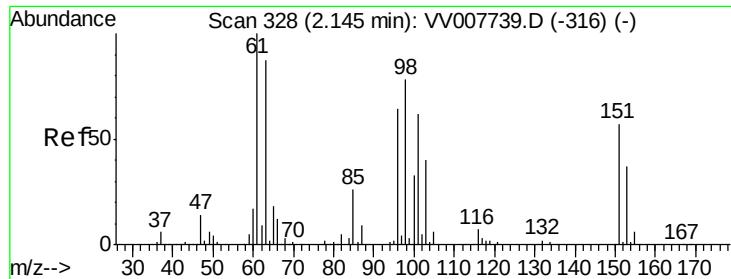
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#10

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

Concen: 0.554 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007751.D

Acq: 22 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

C08Q4

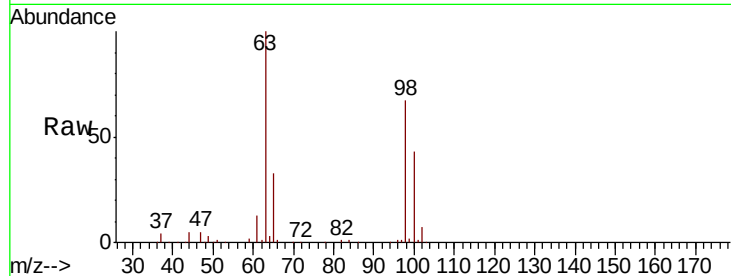
Tgt Ion:101 Resp: 782

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 0.0 72.2 108.2#



Abundance Ion 101.00 (100.70 to 101.70): VV007739.D (-316) (-)

Ion 85.00 (84.70 to 85.70): VV007739.D (-316) (-)

Ion 151.00 (150.70 to 151.70): VV007739.D (-316) (-)

2.14

600

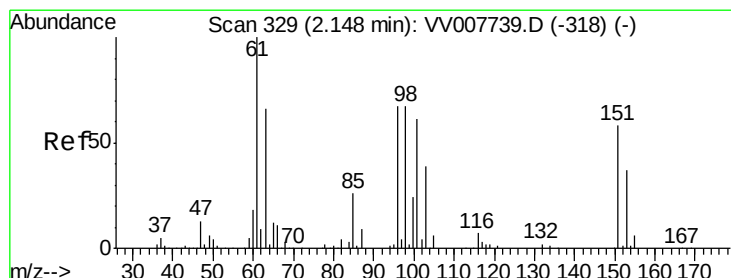
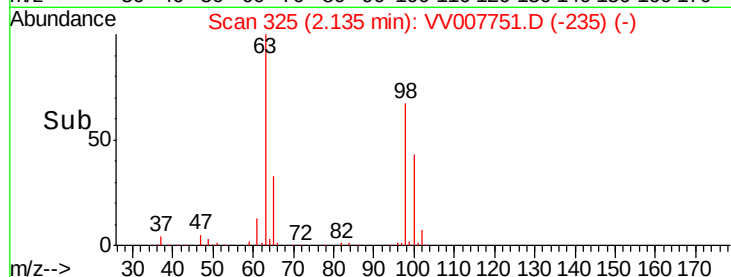
400

200

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007751.D

Acq: 22 Sep 2018 22:27

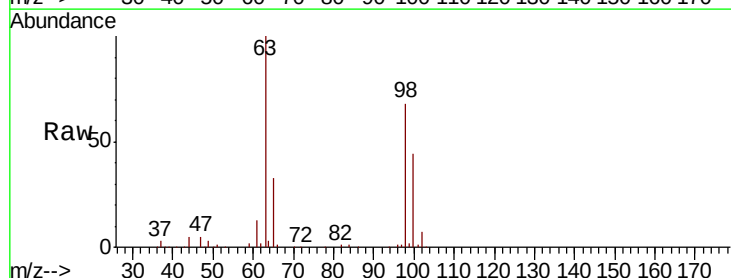
Tgt Ion: 96 Resp: 754

Ion Ratio Lower Upper

96 100

61 1182.8 107.3 199.3#

63 9319.3 78.8 146.4#



Abundance Ion 96.00 (95.70 to 96.70): VV007739.D (-318) (-)

Ion 61.00 (60.70 to 61.70): VV007739.D (-318) (-)

Ion 63.00 (62.70 to 63.70): VV007739.D (-318) (-)

60000

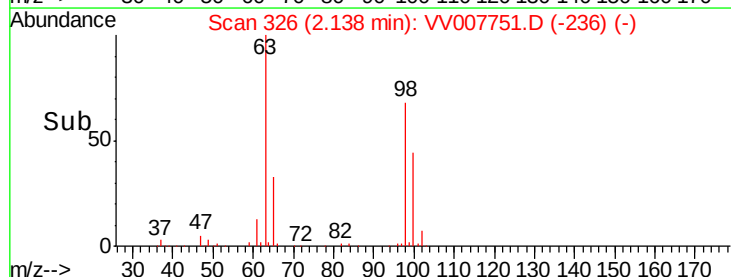
40000

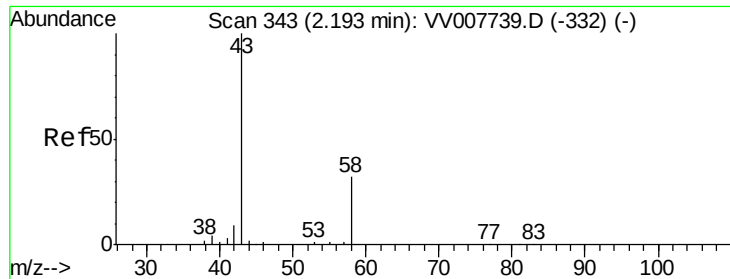
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 2.325 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007751.D

Acq: 22 Sep 2018 22:27

Instrument :

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ClientSampleId :

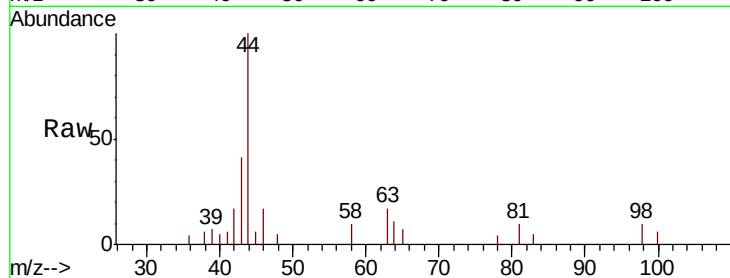
C08Q4

Tgt Ion: 43 Resp: 1643

Ion Ratio Lower Upper

43 100

58 26.6 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007739.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007739.D (-332) (-)

2.20

1200

1000

800

600

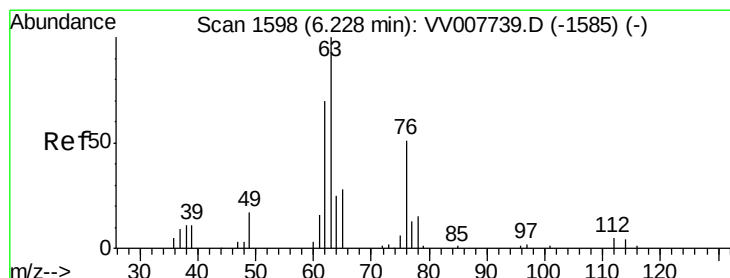
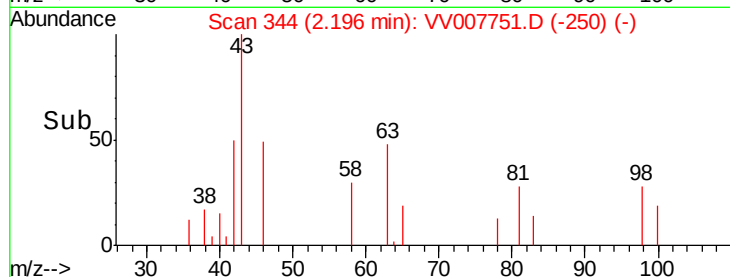
400

200

0

Time-->

2.15 2.20 2.25



#37

1,2-Dichloropropane

Concen: 6.123 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007751.D

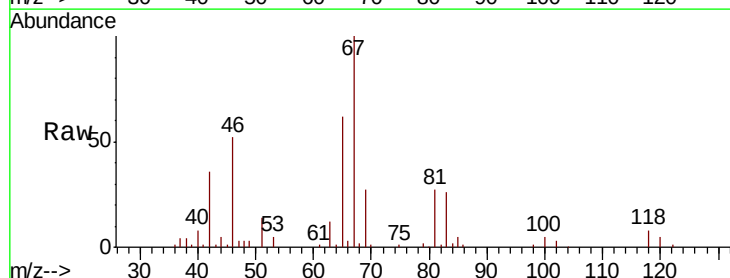
Acq: 22 Sep 2018 22:27

Tgt Ion: 63 Resp: 6646

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV007739.D (-1585) (-)

Ion 112.00 (111.70 to 112.70): VV007739.D (-1585) (-)

6.13

3000

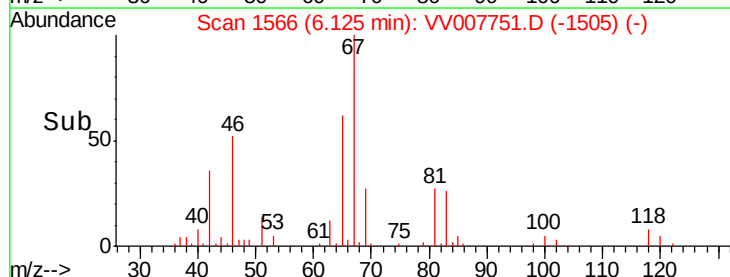
2000

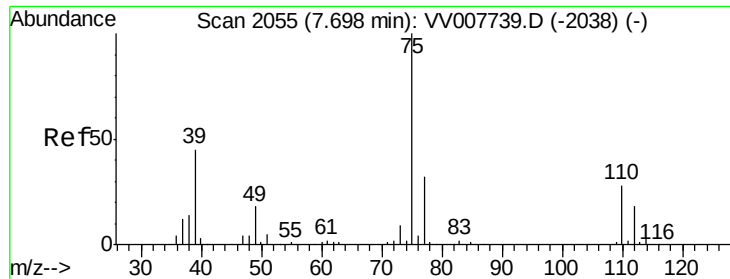
1000

0

Time-->

6.05 6.10 6.15 6.20





#44

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007751.D

Acq: 22 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

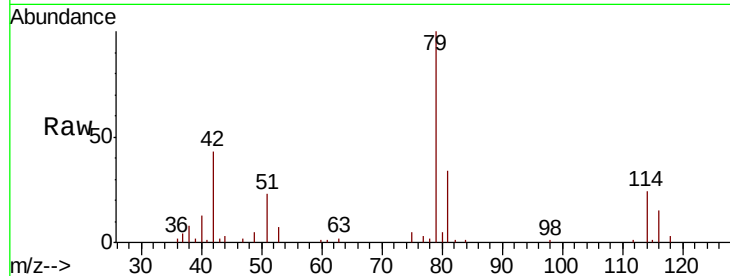
C08Q4

Tgt Ion: 75 Resp: 1083

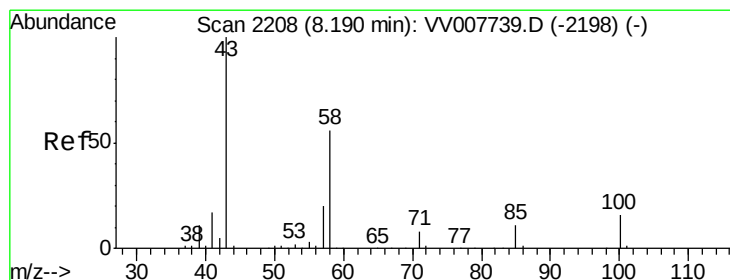
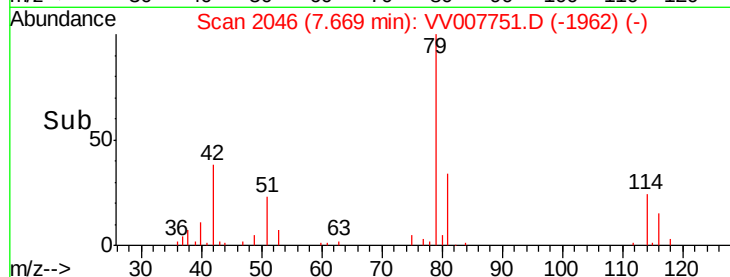
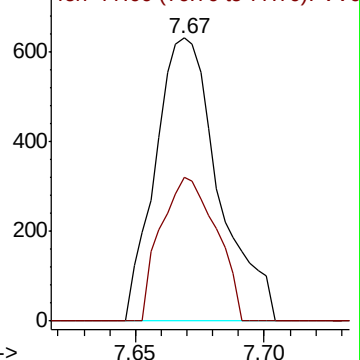
Ion Ratio Lower Upper

75 100

77 50.6 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV007739.D (-2038) (-)



#48

2-Hexanone

Concen: 4.905 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007751.D

Acq: 22 Sep 2018 22:27

Tgt Ion: 43 Resp: 5424

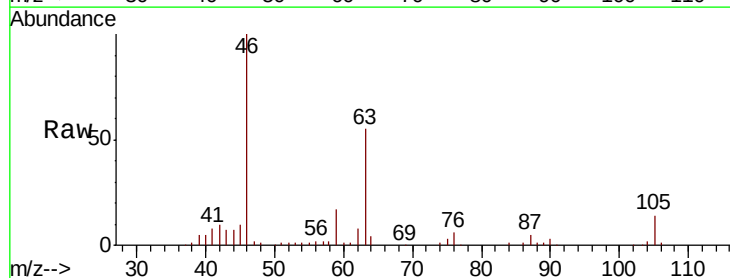
Ion Ratio Lower Upper

43 100

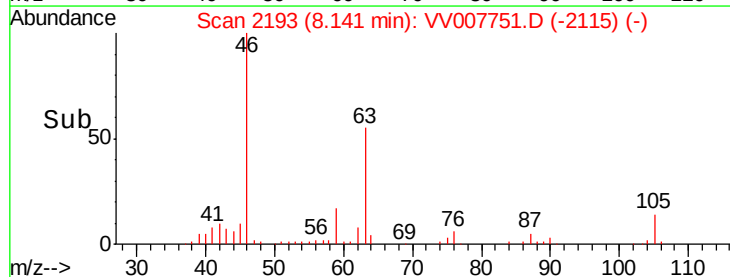
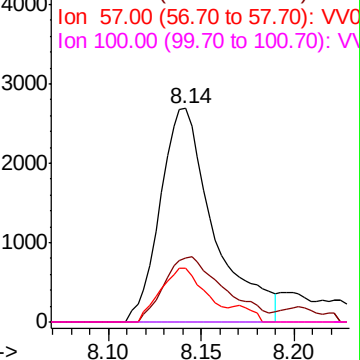
58 34.0 41.4 62.0#

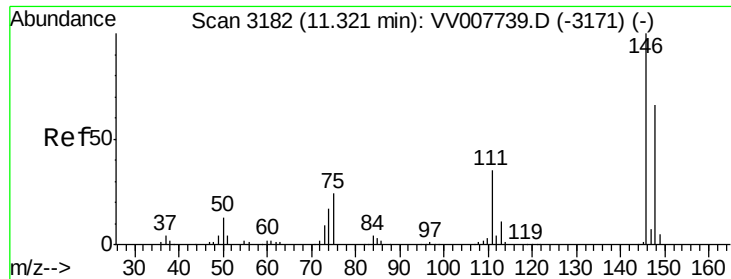
57 21.1 16.0 24.0

100 0.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV007739.D (-2198) (-)





#63

1,4-Dichlorobenzene

Concen: 0.484 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV007751.D

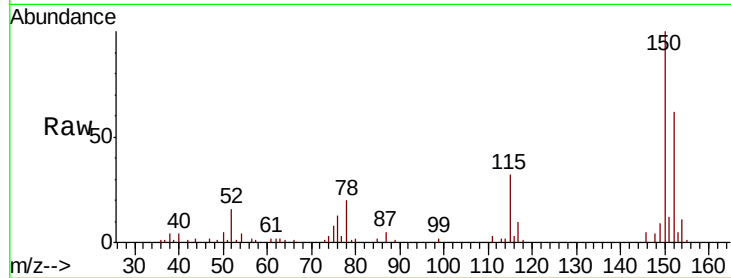
Acq: 22 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

C08Q4



Tgt Ion:	146	Resp:	1478
Ion	Ratio	Lower	Upper
146	100		
111	51.3	24.4	45.4#
148	73.9	45.1	83.7

