

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007750.D
 Acq On : 22 Sep 2018 22:02
 Operator : SY/MD
 Sample : J5012-17
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q6

Quant Time: Sep 24 02:36:32 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	181664	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90986	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39724	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.46%
7) Chloroethane-d5	1.59	69	39447	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.14	63	76836	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	3.95	46	58842	90.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.41	84	89889	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	5.09	65	62749	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.11	84	181418	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.13	67	53718	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.02%
41) Toluene-d8	7.37	98	182302	43.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.30%
43) trans-1,3-Dichloropropene-	7.67	79	22882	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.90%
47) 2-Hexanone-d5	8.14	63	40371	77.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.67%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80829	43.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	84029	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

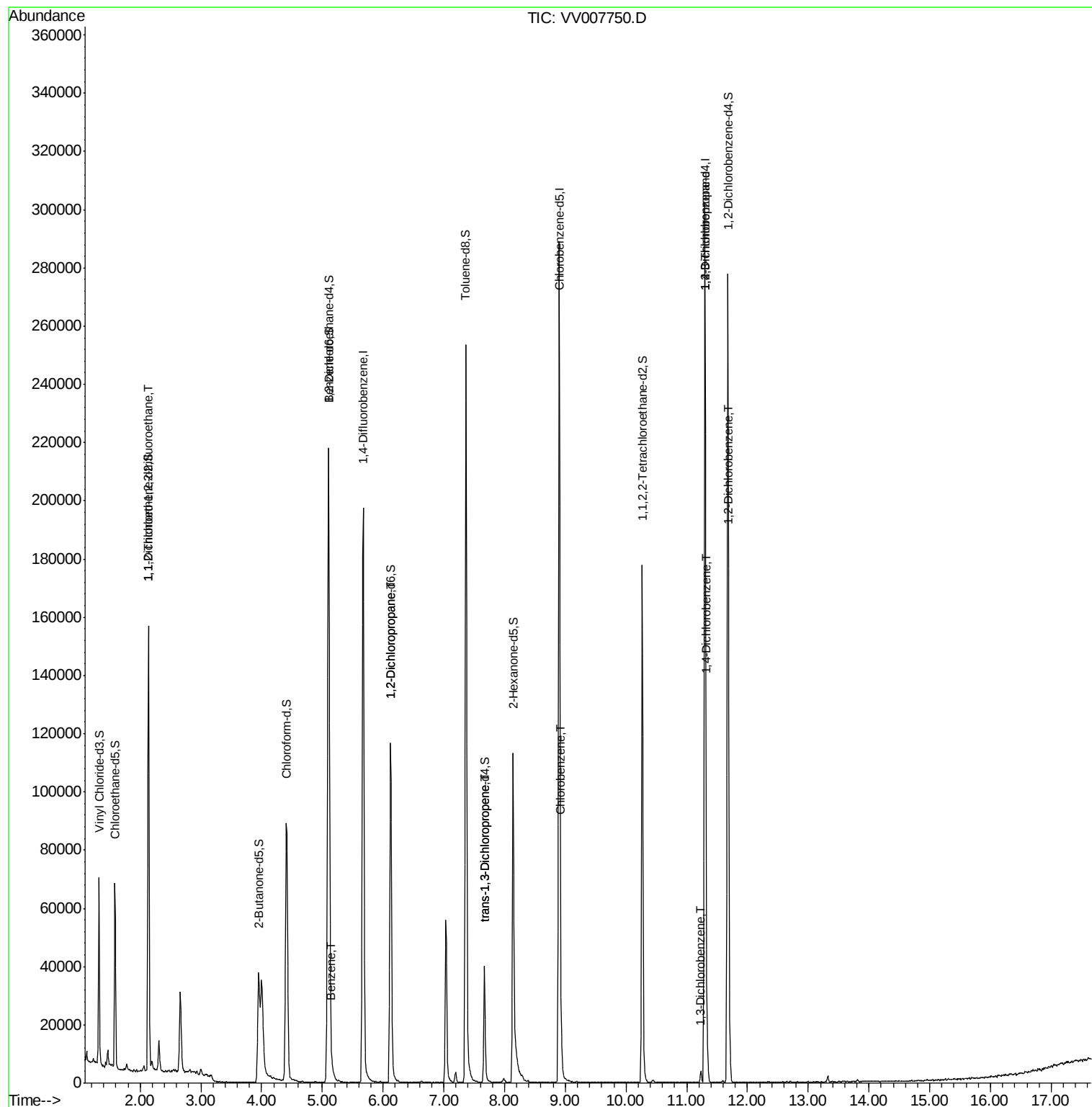
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	871	0.634	ug/L #	14
33) Benzene	5.15	78	2868	0.689	ug/L	100
37) 1,2-Dichloropropane	6.13	63	6481	6.180	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1166	0.728	ug/L	91
51) Chlorobenzene	8.93	112	4256	1.197	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	9622	6.488	ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	2442	0.846	ug/L #	83
63) 1,4-Dichlorobenzene	11.32	146	3533	1.181	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	2282	0.782	ug/L	96

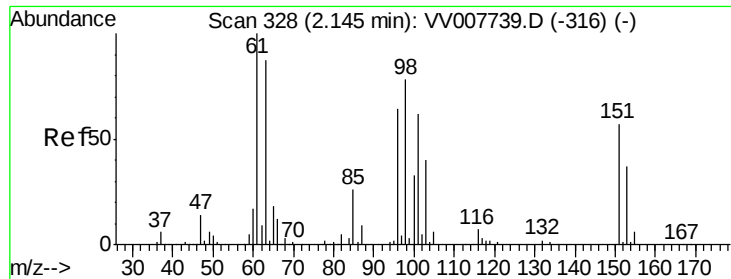
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#10

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

Concen: 0.634 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007750.D

Acq: 22 Sep 2018 22:02

Instrument :

MSVOA_V

ClientSampled :

C08Q6

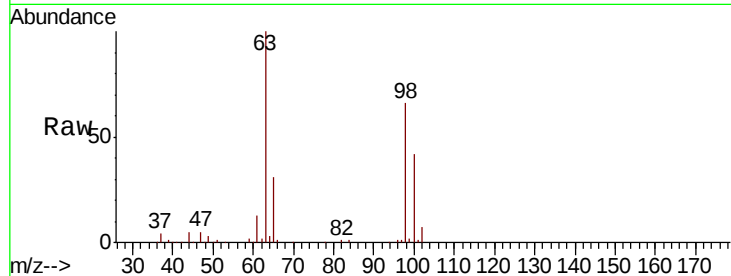
Tgt Ion:101 Resp: 871

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

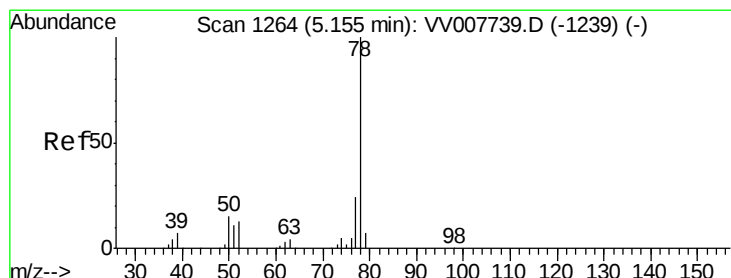
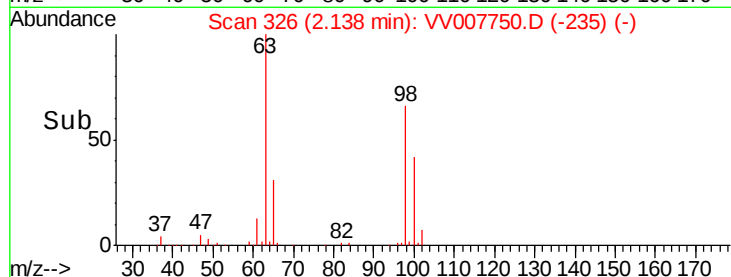
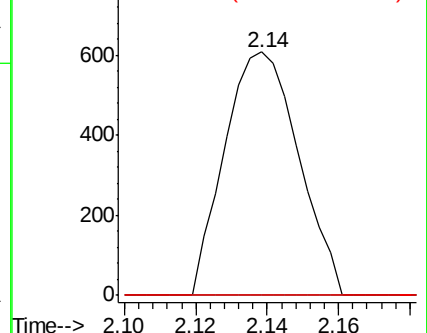
151 0.0 72.2 108.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#33

Benzene

Concen: 0.689 ug/L

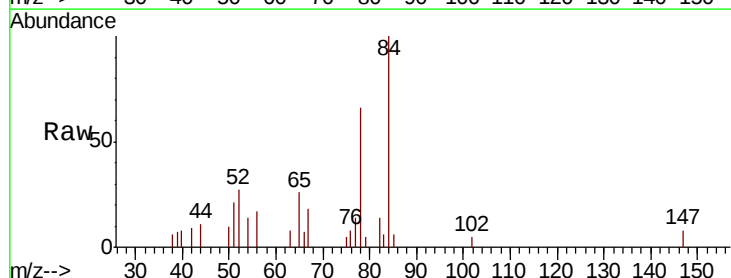
RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

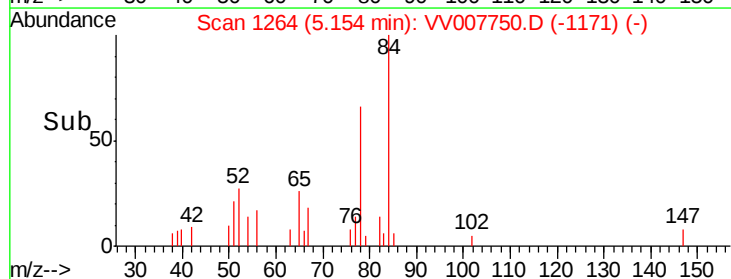
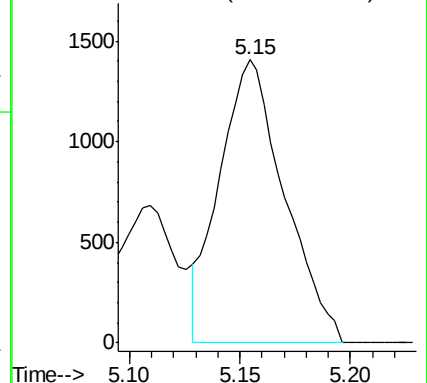
Lab File: VV007750.D

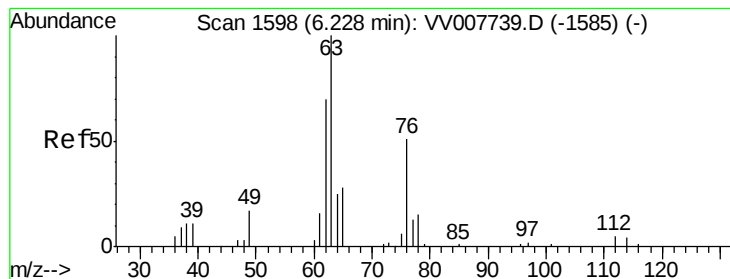
Acq: 22 Sep 2018 22:02

Tgt Ion: 78 Resp: 2868



Abundance Ion 78.00 (77.70 to 78.70): VV0





#37

1,2-Dichloropropane

Concen: 6.180 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007750.D

Acq: 22 Sep 2018 22:02

Instrument :

MSVOA_V

ClientSampleId :

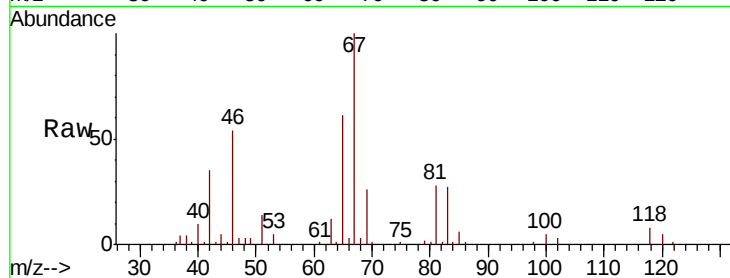
C08Q6

Tgt Ion: 63 Resp: 6481

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

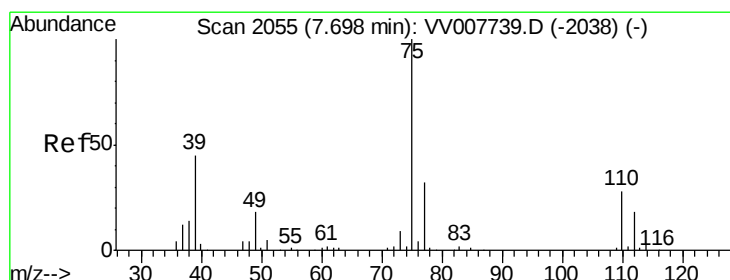
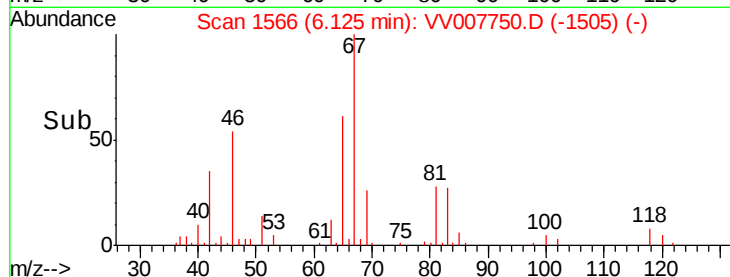
3000

2000

1000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.728 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007750.D

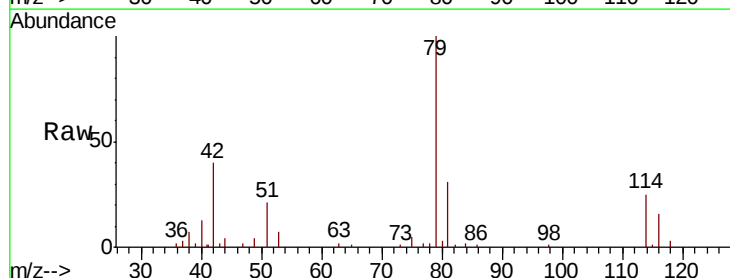
Acq: 22 Sep 2018 22:02

Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

77 36.5 22.0 40.8



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

Ion 77.00 (76.70 to 77.70): VV007739.D (-2038) (-)

7.67

800

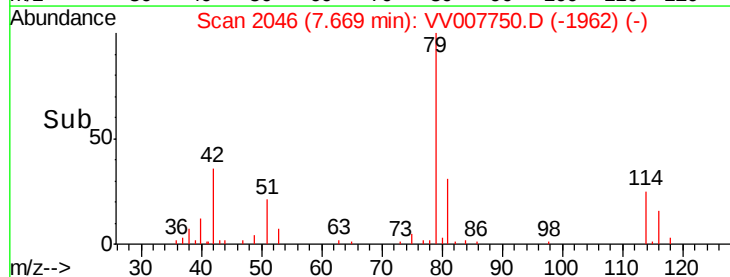
600

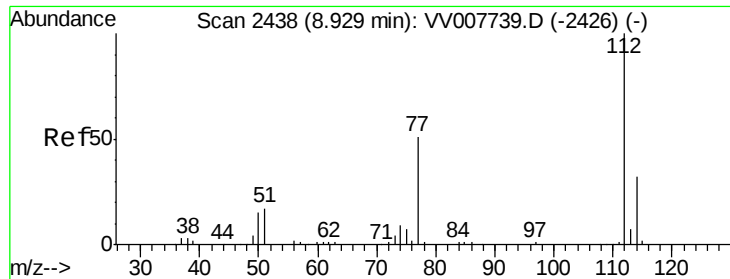
400

200

0

Time-->





#51

Chlorobenzene

Concen: 1.197 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007750.D

Acq: 22 Sep 2018 22:02

Instrument :

MSVOA_V

ClientSampleId :

C08Q6

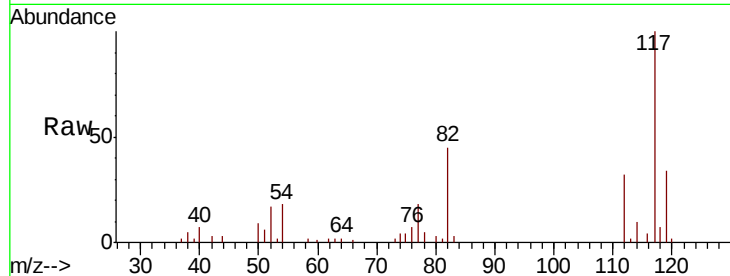
Tgt Ion: 112 Resp: 4256

Ion Ratio Lower Upper

112 100

114 30.0 22.3 41.3

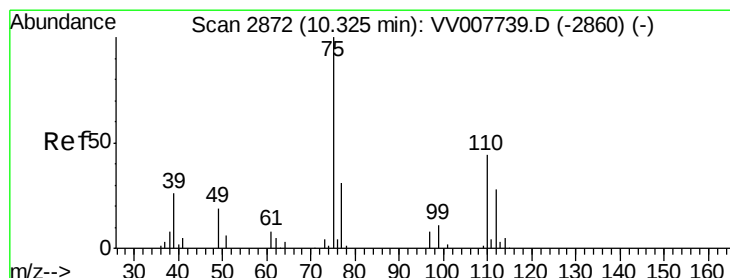
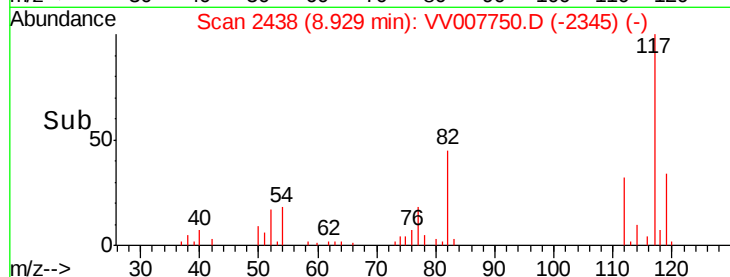
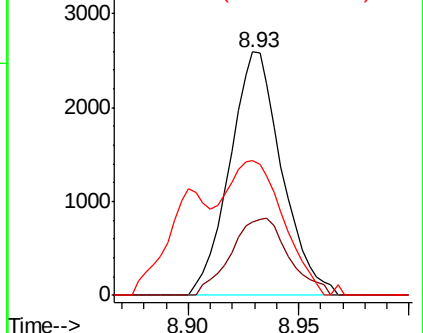
77 55.6 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.488 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007750.D

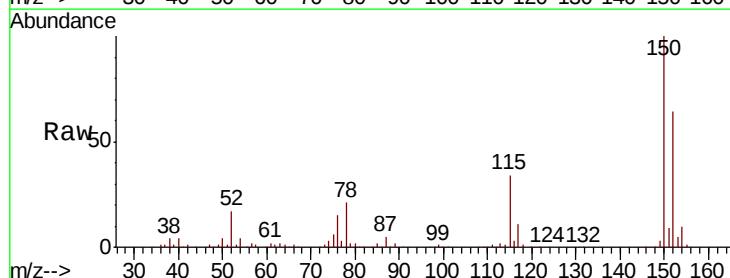
Acq: 22 Sep 2018 22:02

Tgt Ion: 75 Resp: 9622

Ion Ratio Lower Upper

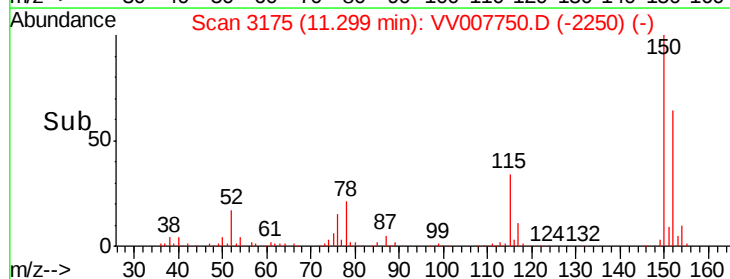
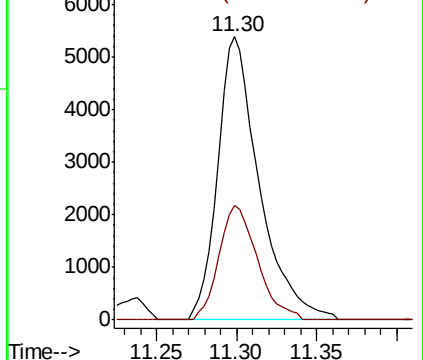
75 100

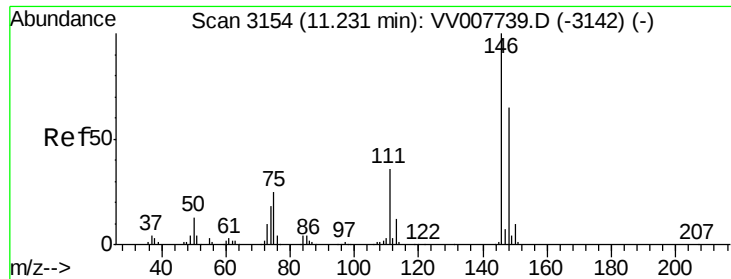
77 37.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 0.846 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007750.D

Acq: 22 Sep 2018 22:02

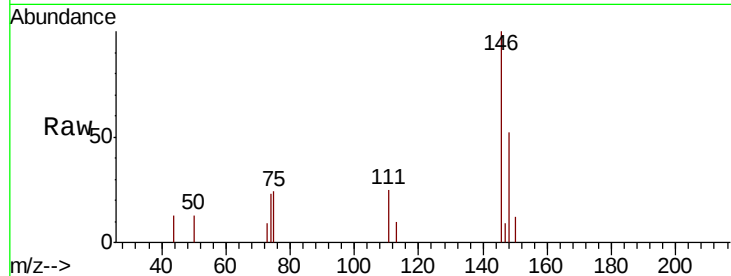
Instrument :

MSVOA_V

ClientSampleId :

C08Q6

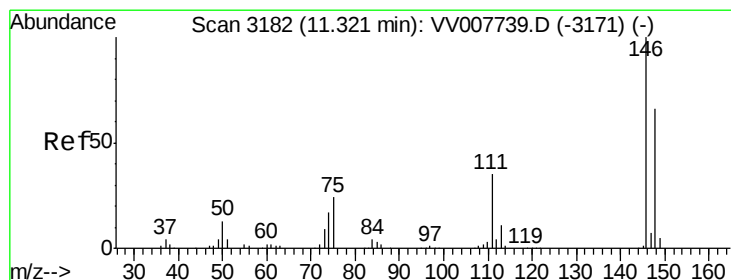
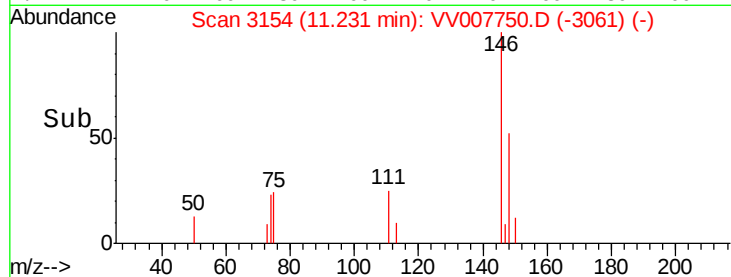
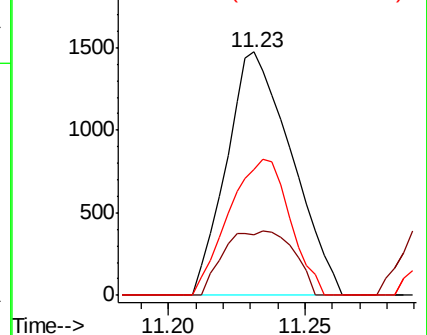
Tgt Ion:	146	Resp:	2442
Ion	Ratio	Lower	Upper
146	100		
111	25.0	25.1	46.7#
148	51.6	45.1	83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 1.181 ug/L

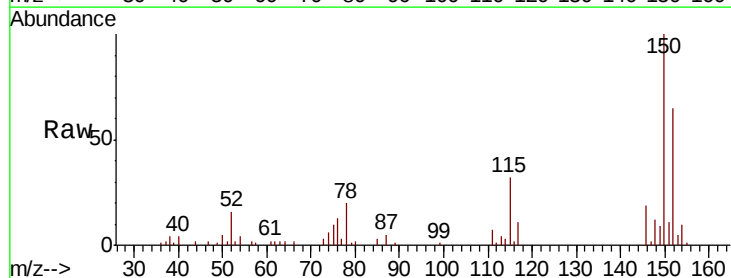
RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007750.D

Acq: 22 Sep 2018 22:02

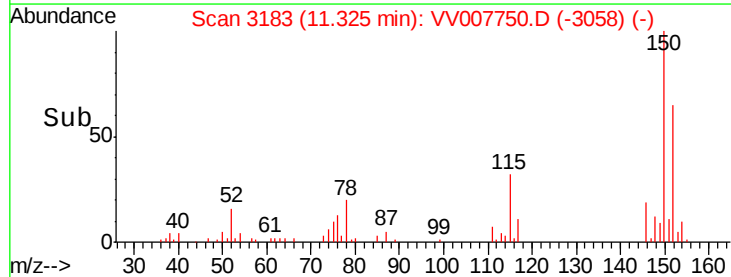
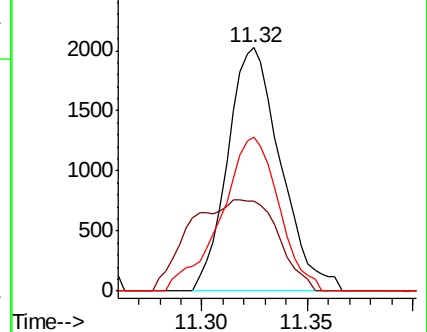
Tgt Ion:	146	Resp:	3533
Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.4	45.4
148	63.1	45.1	83.7

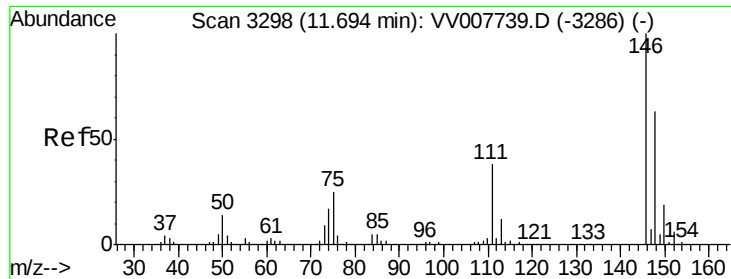


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 0.782 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007750.D
 Acq: 22 Sep 2018 22:02

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	29.8	44.8
148	60.2	50.8	76.2

