

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007742.D
 Acq On : 22 Sep 2018 18:43
 Operator : SY/MD
 Sample : J5012-18
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q7

Quant Time: Sep 24 02:35:38 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	186978	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40868	40.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.42%
7) Chloroethane-d5	1.59	69	39170	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.84%
11) 1,1-Dichloroethene-d2	2.14	63	75894	31.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.36%
21) 2-Butanone-d5	3.95	46	59328	88.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.40%
24) Chloroform-d	4.41	84	90247	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	5.09	65	59522	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
32) Benzene-d6	5.11	84	180914	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
36) 1,2-Dichloropropane-d6	6.13	67	52475	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.54%
41) Toluene-d8	7.36	98	185113	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.67	79	21979	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
47) 2-Hexanone-d5	8.14	63	42512	80.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78368	41.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	83601	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%

Target Compounds

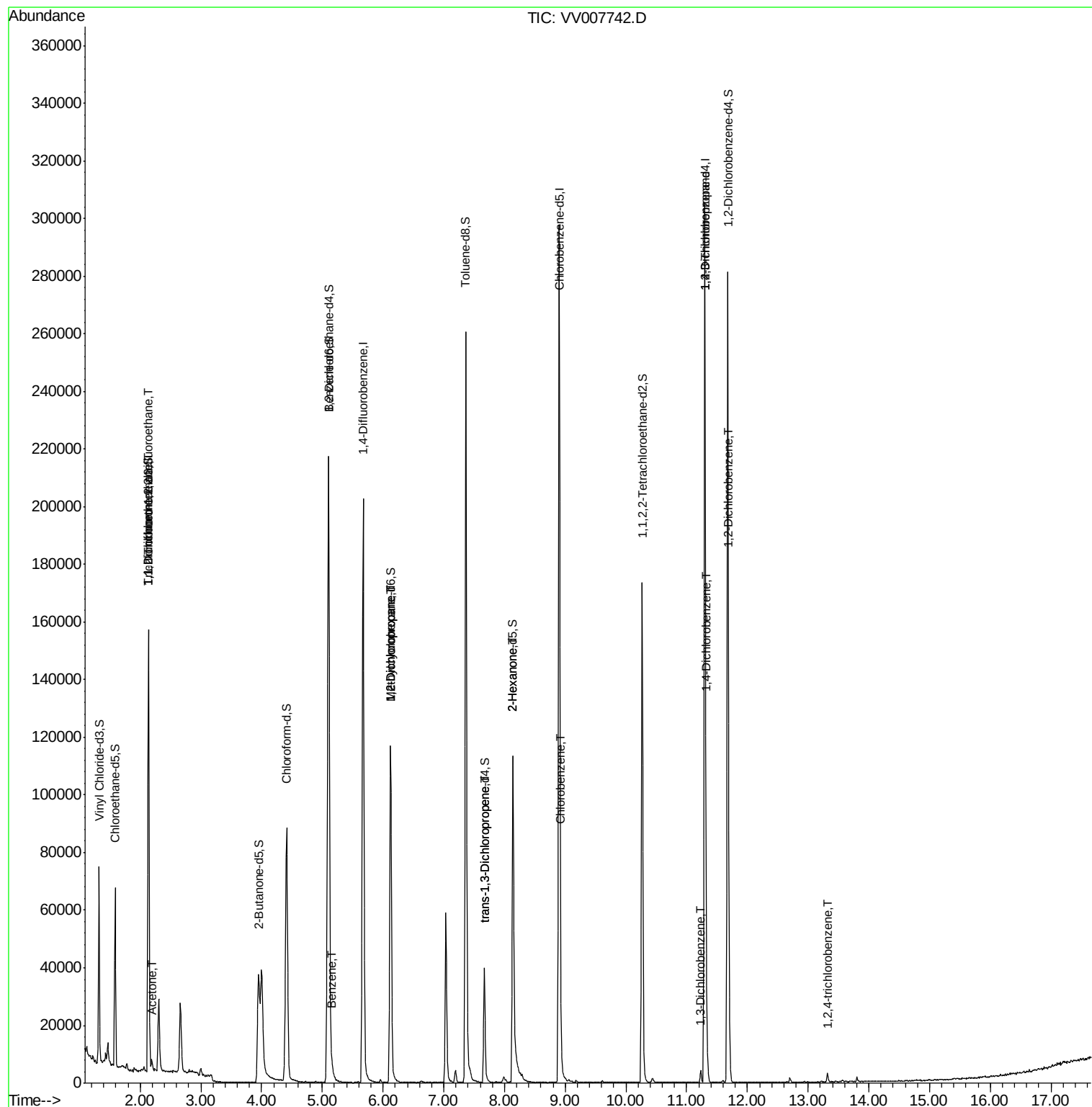
					Qvalue
9) Trichlorofluoromethane	2.14	101	906	0.364 ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	906	0.641 ug/L #	17
13) Acetone	2.20	43	1646	2.324 ug/L	95
33) Benzene	5.16	78	2523	0.596 ug/L	100
35) Methylcyclohexane	6.12	83	13658	7.126 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6722	6.310 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1266	0.779 ug/L #	79
48) 2-Hexanone	8.14	43	4674	4.307 ug/L #	76
51) Chlorobenzene	8.93	112	3796	1.051 ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	9805	6.509 ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	2305	0.790 ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	2913	0.962 ug/L	93
65) 1,2-Dichlorobenzene	11.70	146	1803	0.611 ug/L #	88
68) 1,2,4-trichlorobenzene	13.32	180	1393	0.633 ug/L	97

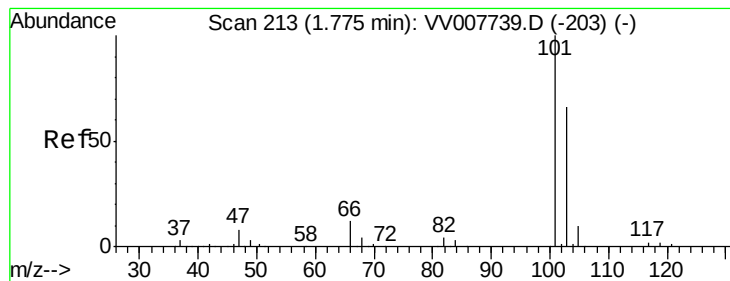
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.364 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.36 min

Lab File: VV007742.D

Acq: 22 Sep 2018 18:43

Instrument :

MSVOA_V

ClientSampleId :

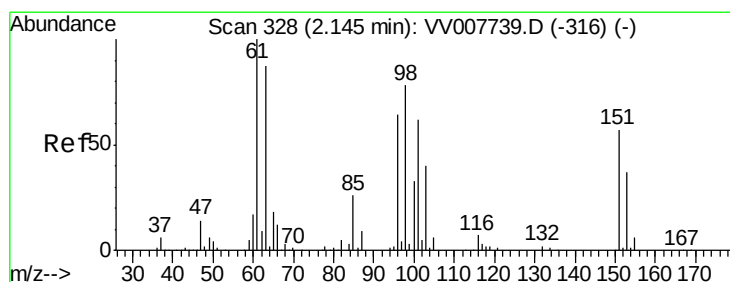
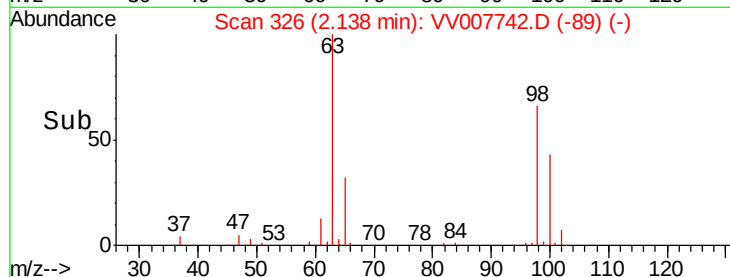
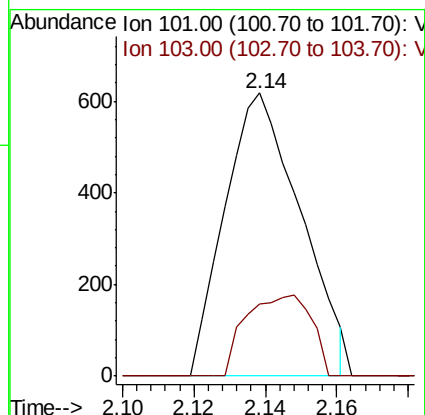
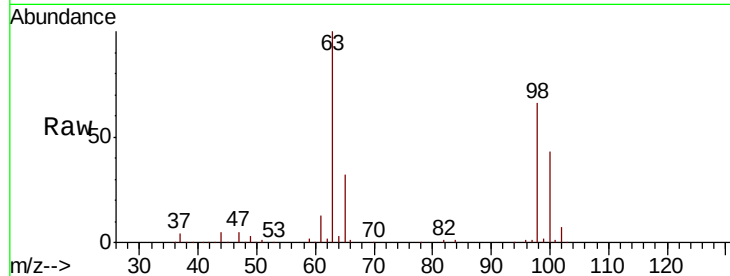
C08Q7

Tgt Ion:101 Resp: 906

Ion Ratio Lower Upper

101 100

103 24.6 51.4 77.2#



#10

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

Concen: 0.641 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007742.D

Acq: 22 Sep 2018 18:43

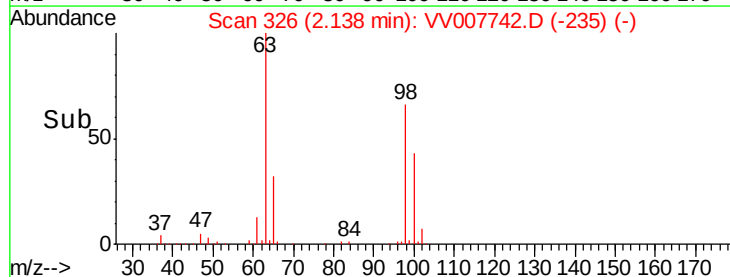
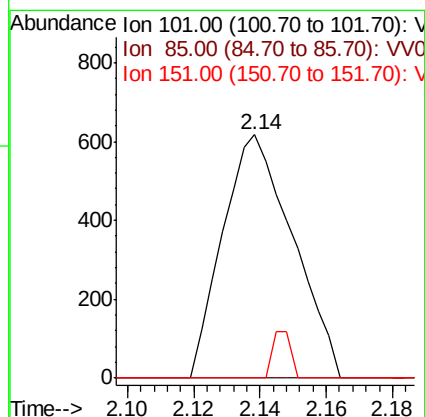
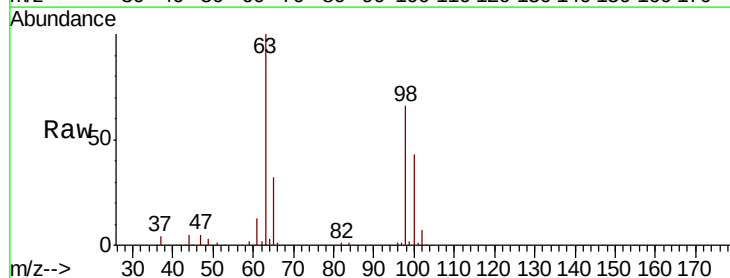
Tgt Ion:101 Resp: 906

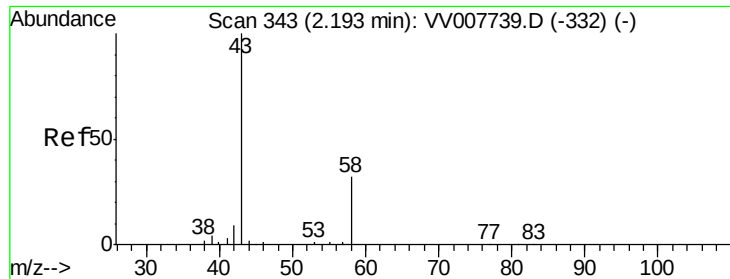
Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 5.0 72.2 108.2#





#13

Acetone

Concen: 2.324 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007742.D

Acq: 22 Sep 2018 18:43

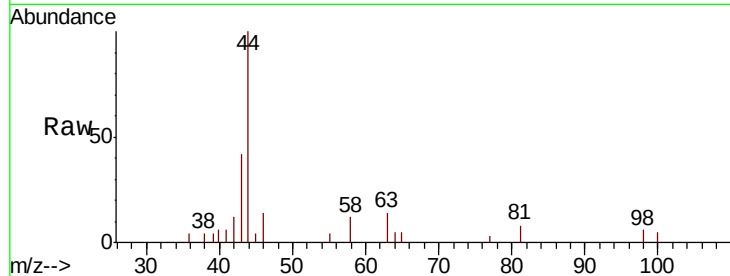
Instrument :
MSVOA_V
ClientSampled :
C08Q7

Tgt Ion: 43 Resp: 1646

Ion Ratio Lower Upper

43 100

58 29.8 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

1500

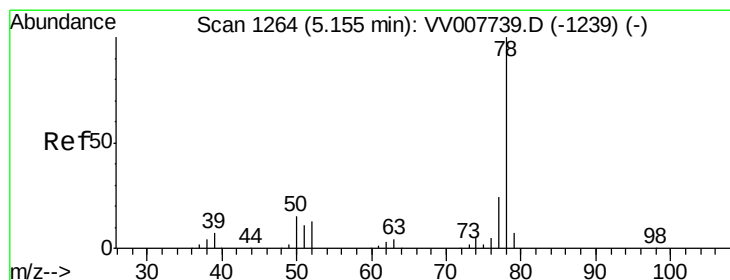
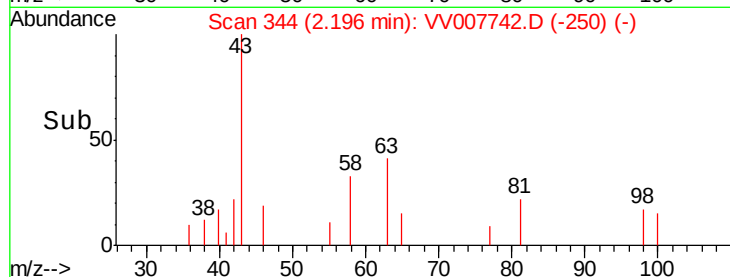
1000

500

0

2.15 2.20

Time-->



#33

Benzene

Concen: 0.596 ug/L

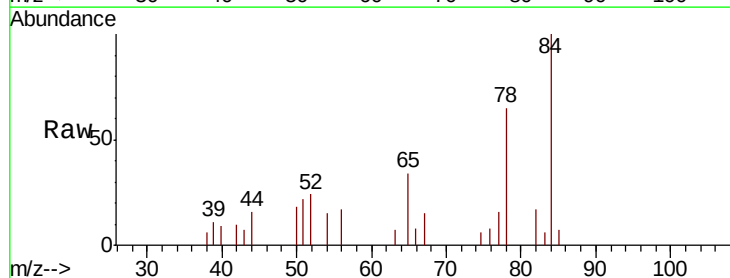
RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV007742.D

Acq: 22 Sep 2018 18:43

Tgt Ion: 78 Resp: 2523



Abundance Ion 78.00 (77.70 to 78.70): VV007739.D (-1239) (-)

5.16

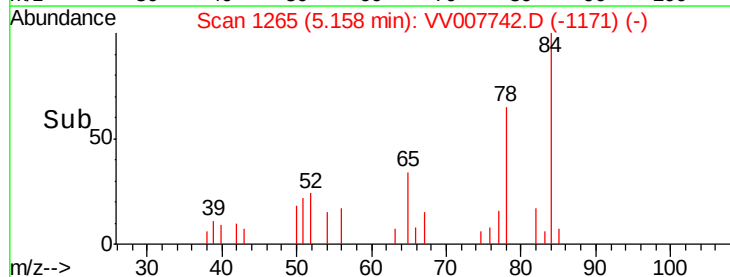
1000

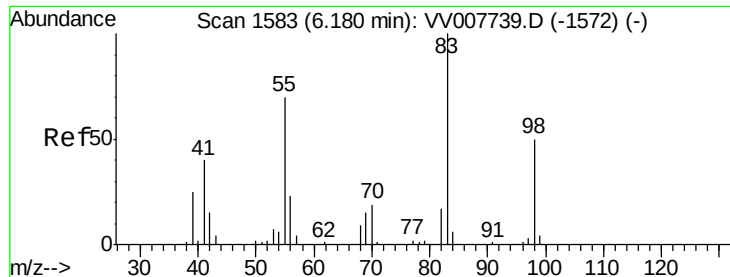
500

0

5.10 5.15 5.20

Time-->

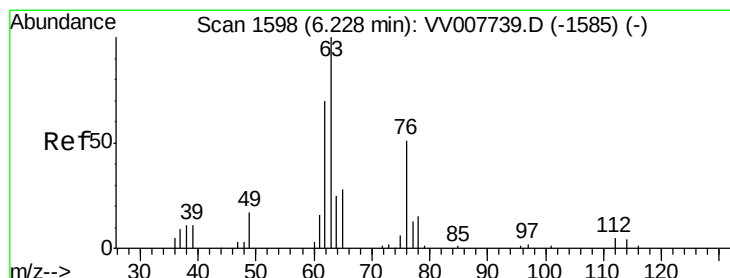
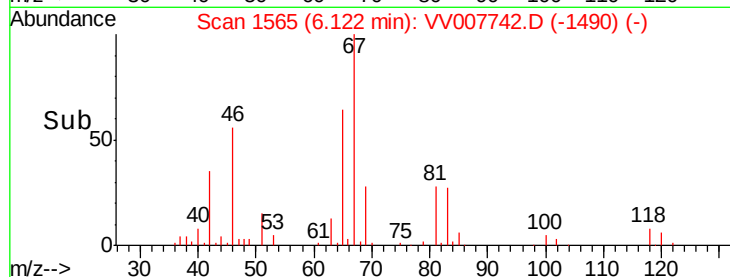
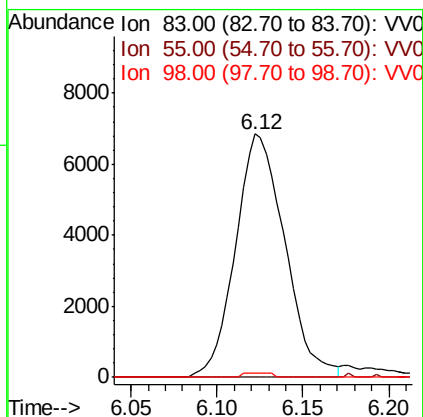
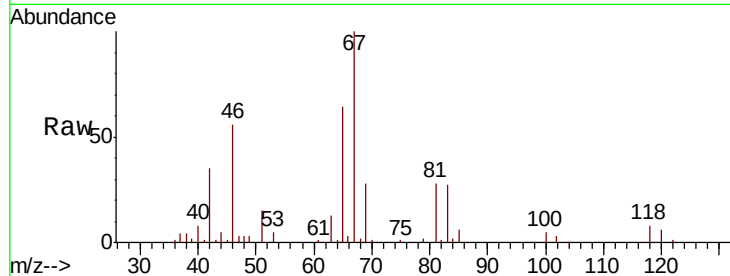




#35
Methylcyclohexane
Concen: 7.126 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007742.D
Acq: 22 Sep 2018 18:43

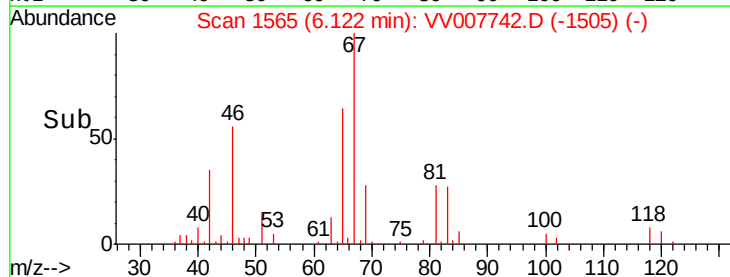
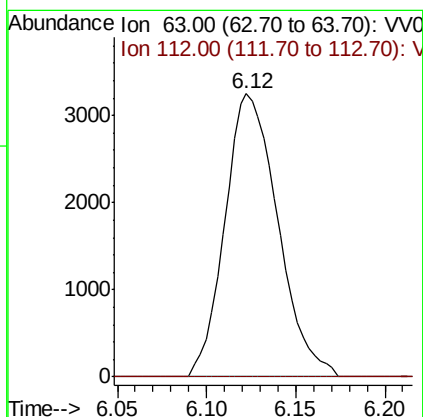
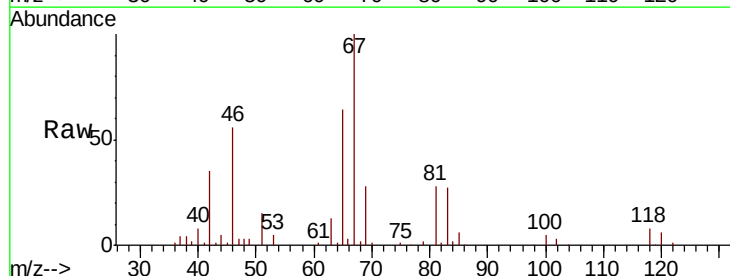
Instrument :
MSVOA_V
ClientSampleId :
C08Q7

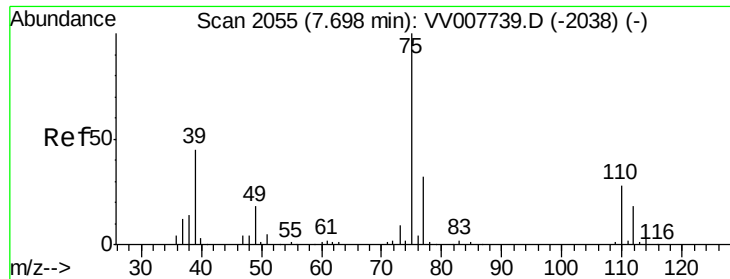
Tgt Ion: 83 Resp: 13658
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 6.310 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007742.D
Acq: 22 Sep 2018 18:43

Tgt Ion: 63 Resp: 6722
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

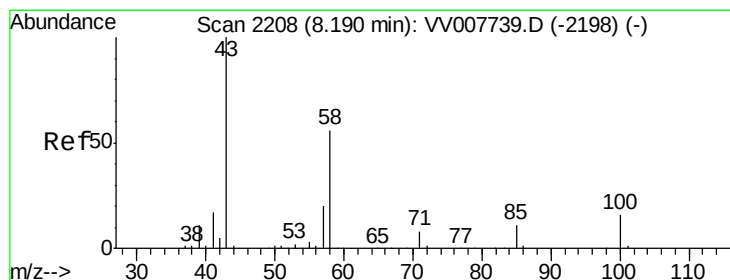
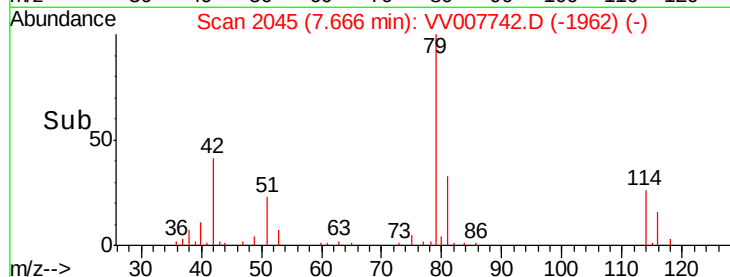
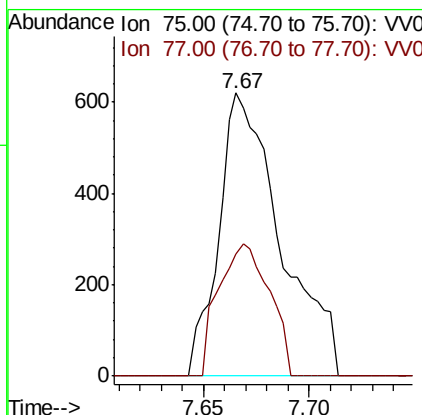
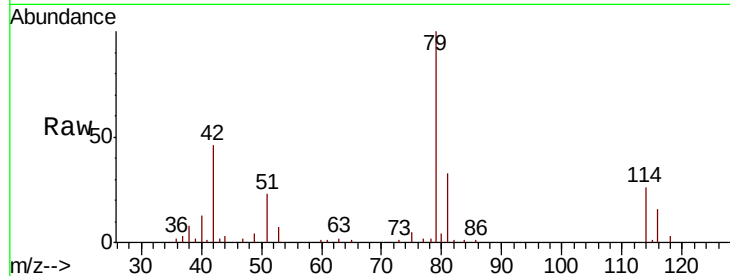




#44
trans-1,3-Dichloropropene
Concen: 0.779 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007742.D
Acq: 22 Sep 2018 18:43

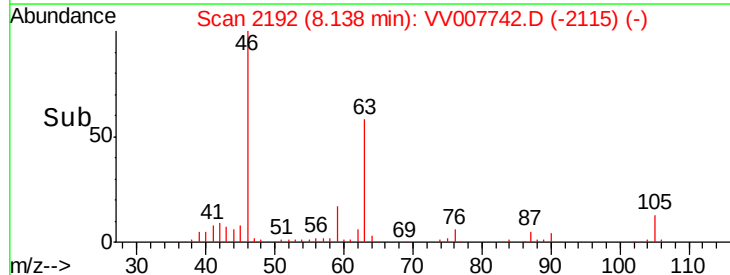
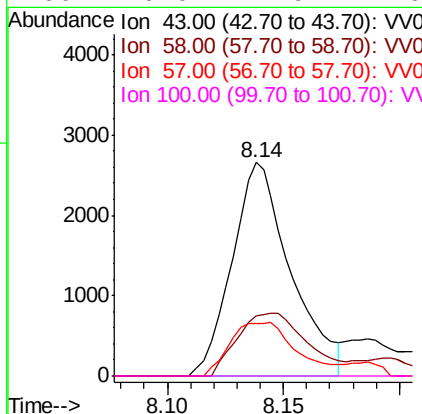
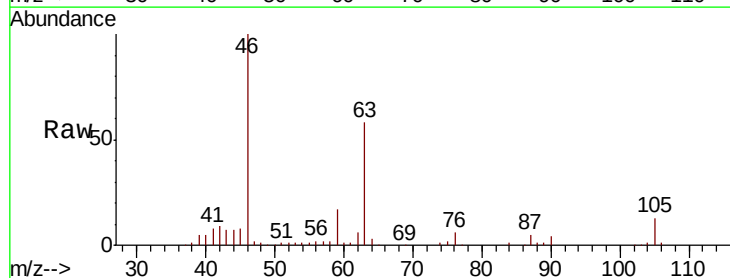
Instrument :
MSVOA_V
ClientSampleId :
C08Q7

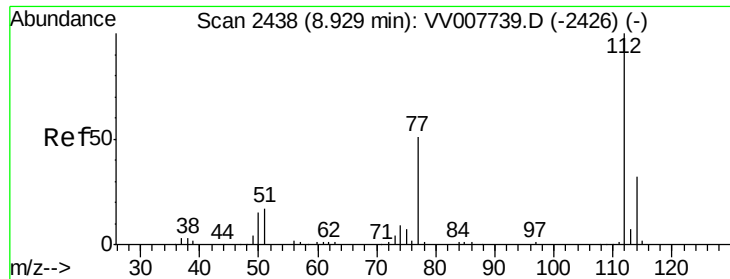
Tgt Ion: 75 Resp: 1266
Ion Ratio Lower Upper
75 100
77 43.2 22.0 40.8#



#48
2-Hexanone
Concen: 4.307 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007742.D
Acq: 22 Sep 2018 18:43

Tgt Ion: 43 Resp: 4674
Ion Ratio Lower Upper
43 100
58 35.3 41.4 62.0#
57 12.4 16.0 24.0#
100 0.0 11.9 17.9#





#51

Chlorobenzene

Concen: 1.051 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007742.D

Acq: 22 Sep 2018 18:43

Instrument :

MSVOA_V

ClientSampleId :

C08Q7

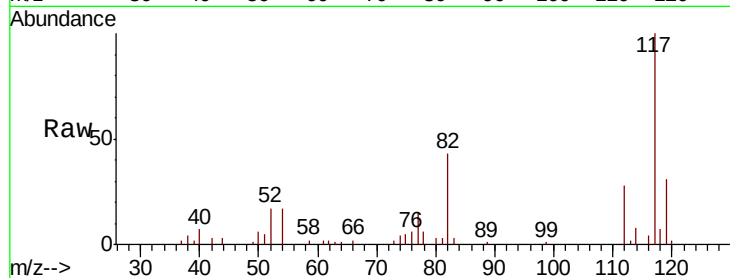
Tgt Ion: 112 Resp: 3796

Ion Ratio Lower Upper

112 100

114 29.7 22.3 41.3

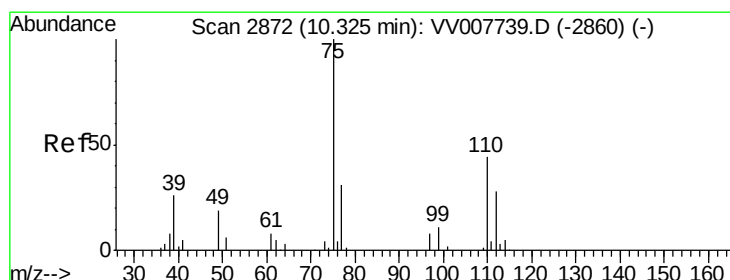
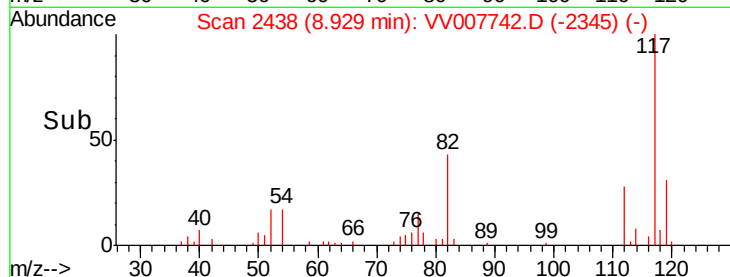
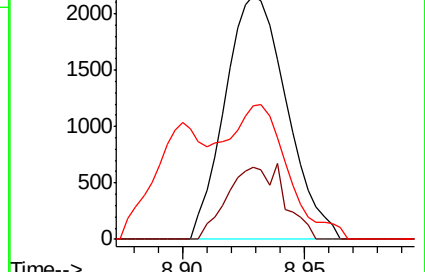
77 54.6 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): VV007739.D (-2426) (-)

Ion 114.00 (113.70 to 114.70): VV007739.D (-2426) (-)

Ion 77.00 (76.70 to 77.70): VV007739.D (-2426) (-)



#59

1,2,3-Trichloropropane

Concen: 6.509 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007742.D

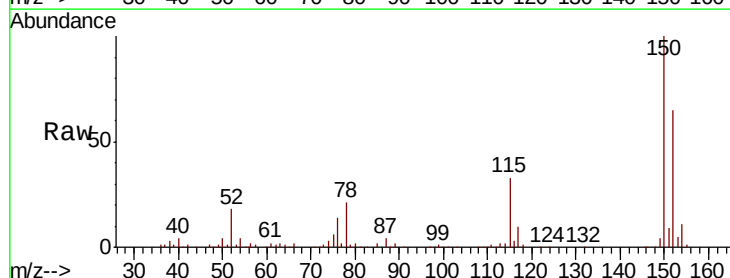
Acq: 22 Sep 2018 18:43

Tgt Ion: 75 Resp: 9805

Ion Ratio Lower Upper

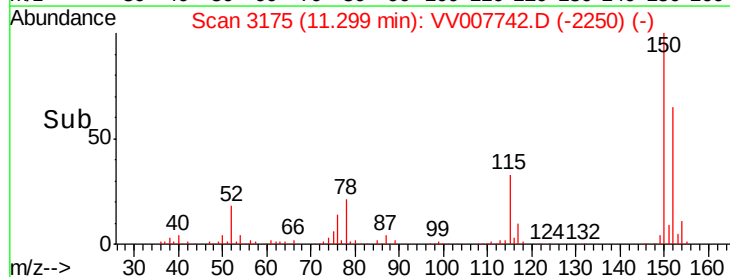
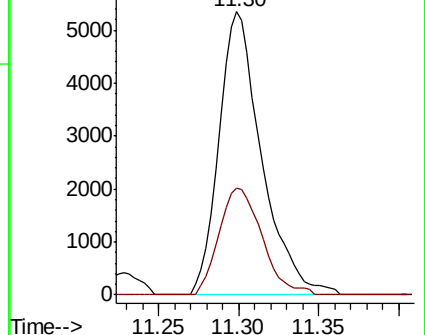
75 100

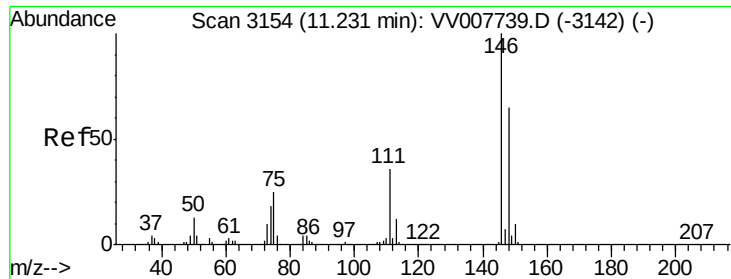
77 37.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV007739.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007739.D (-2860) (-)

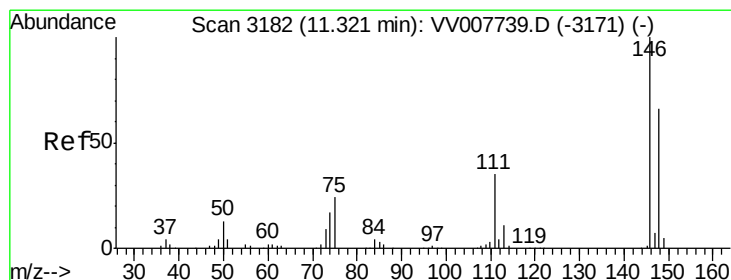
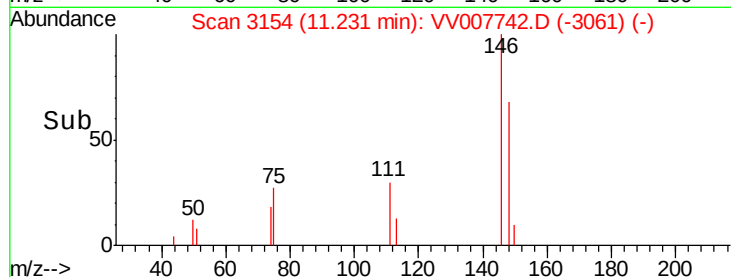
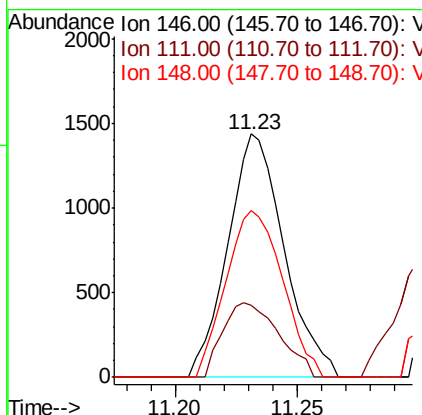
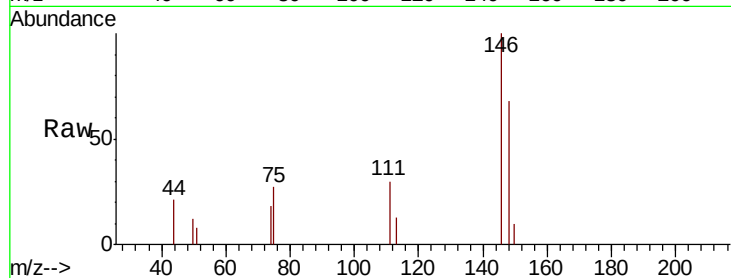




#62
 1,3-Dichlorobenzene
 Concen: 0.790 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: VV007742.D
 Acq: 22 Sep 2018 18:43

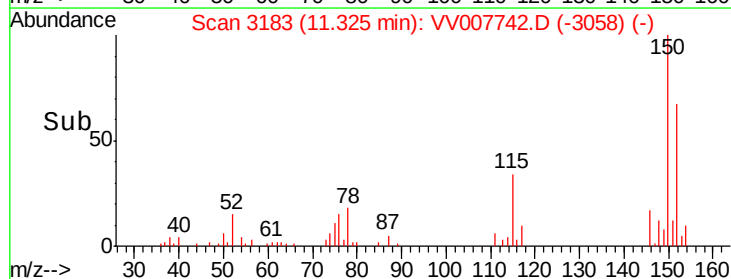
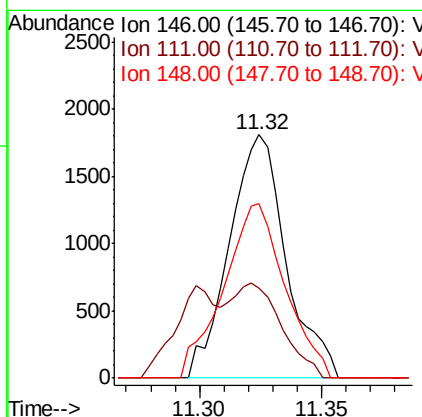
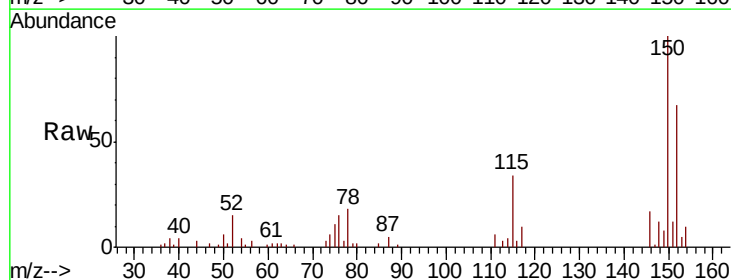
Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q7

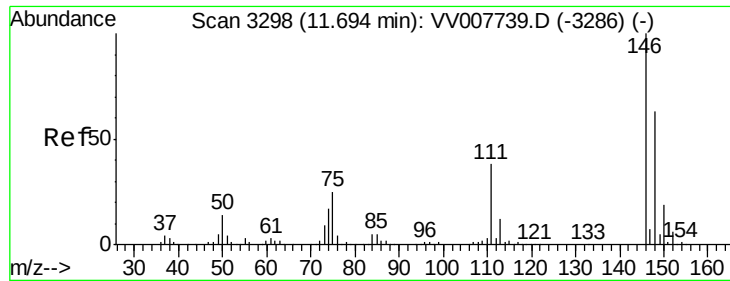
Tgt Ion	Ratio	Lower	Upper
146	100		
111	29.6	25.1	46.7
148	68.4	45.1	83.9



#63
 1,4-Dichlorobenzene
 Concen: 0.962 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007742.D
 Acq: 22 Sep 2018 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	24.4	45.4
148	71.6	45.1	83.7

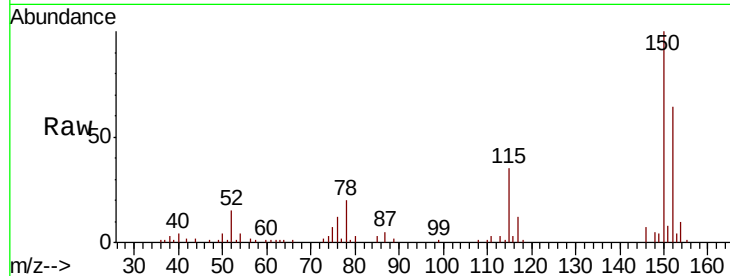




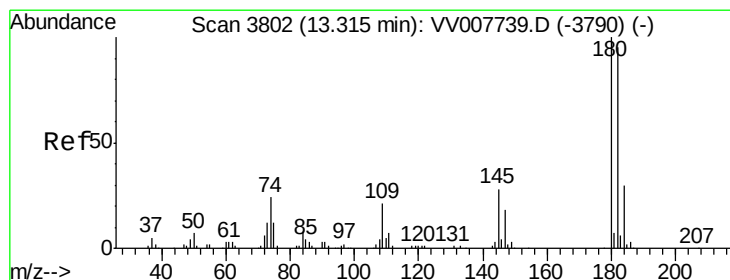
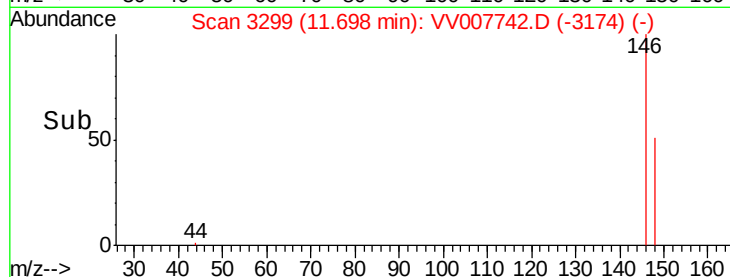
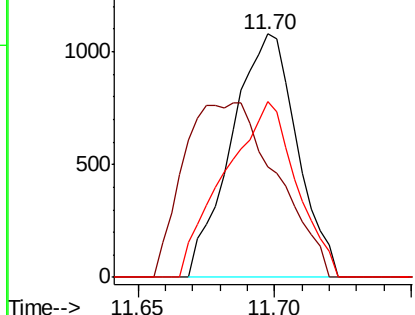
#65
 1,2-Dichlorobenzene
 Concen: 0.611 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007742.D
 Acq: 22 Sep 2018 18:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q7

Tgt Ion:146 Resp: 1803
 Ion Ratio Lower Upper
 146 100
 111 45.4 29.8 44.8#
 148 72.3 50.8 76.2

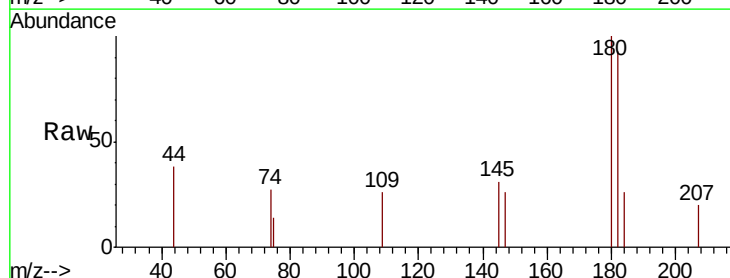


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.633 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007742.D
 Acq: 22 Sep 2018 18:43

Tgt Ion:180 Resp: 1393
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.0 115.6
 145 29.0 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

