

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007747.D
 Acq On : 22 Sep 2018 20:47
 Operator : SY/MD
 Sample : J5012-13
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q2

Quant Time: Sep 24 02:36:10 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	188781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40514	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.98%
7) Chloroethane-d5	1.59	69	39595	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.94%
11) 1,1-Dichloroethene-d2	2.14	63	77257	31.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.88%
21) 2-Butanone-d5	3.95	46	57797	85.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.29%
24) Chloroform-d	4.41	84	89460	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.09	65	60484	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
32) Benzene-d6	5.11	84	178214	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
36) 1,2-Dichloropropane-d6	6.13	67	53116	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.30%
41) Toluene-d8	7.36	98	183535	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	7.67	79	22043	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
47) 2-Hexanone-d5	8.14	63	38980	71.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78737	40.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	87992	43.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.56%

Target Compounds

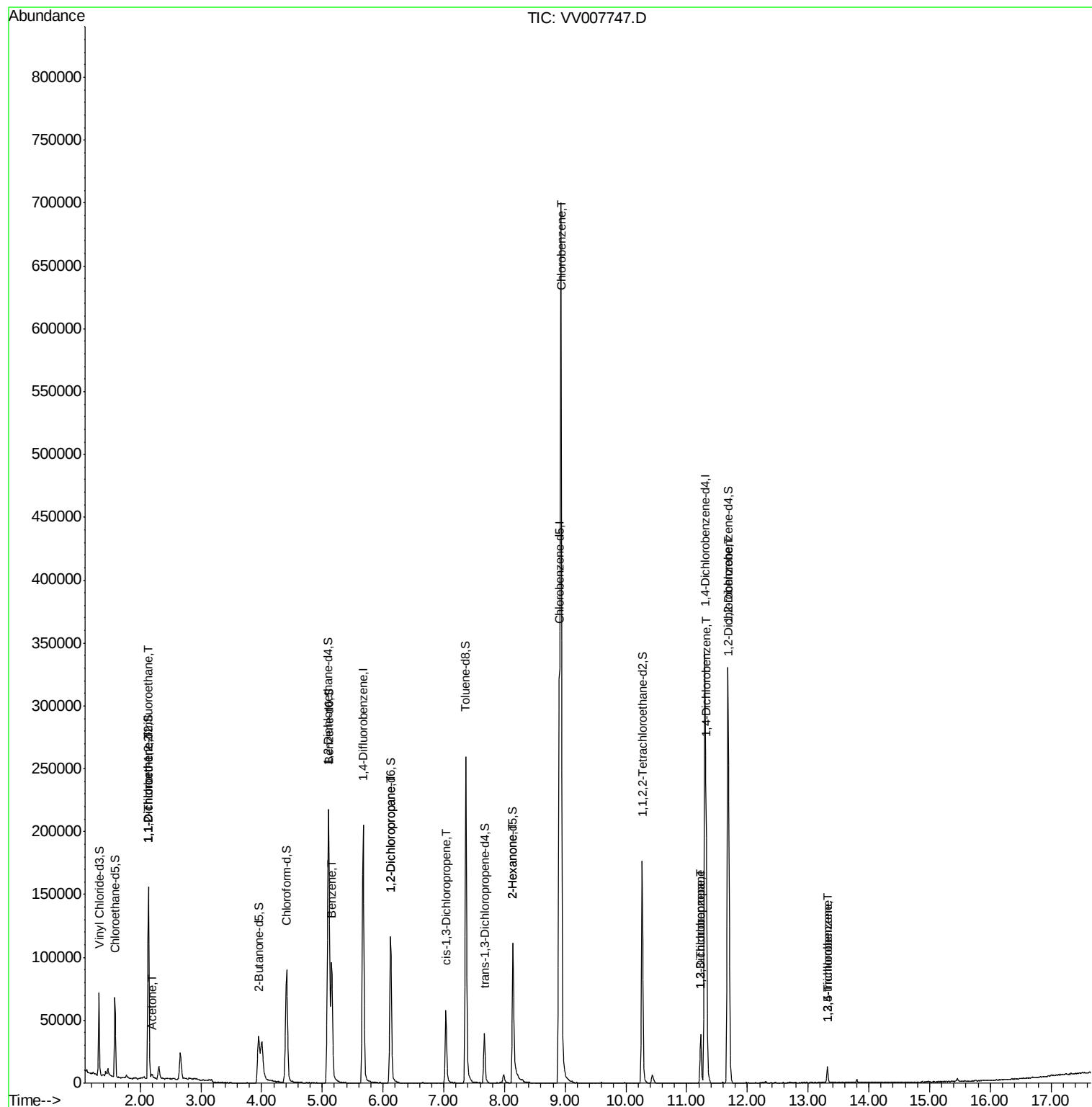
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	787	0.551	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	787	0.629	ug/L #	1
13) Acetone	2.19	43	1501	2.099	ug/L	96
33) Benzene	5.15	78	91360	21.030	ug/L	100
37) 1,2-Dichloropropane	6.13	63	6627	6.059	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1640	0.933	ug/L #	59
48) 2-Hexanone	8.14	43	5060	4.541	ug/L #	72
51) Chlorobenzene	8.93	112	391064	105.427	ug/L	98
59) 1,2,3-Trichloropropane	11.23	75	4386	2.836	ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	18390	5.937	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	73569	22.897	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	64225	20.505	ug/L	98
67) 1,3,5-Trichlorobenzene	13.32	180	4611	1.772	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	4611	1.975	ug/L	94

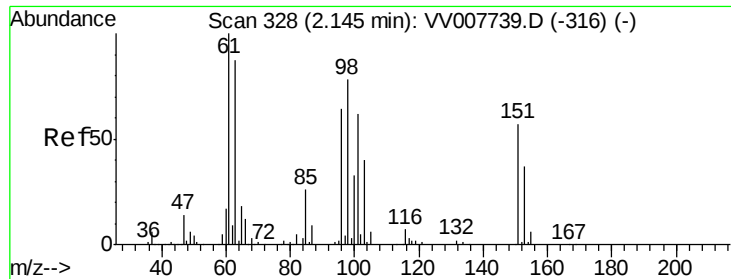
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.551 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Instrument :

MSVOA_V

ClientSampleId :

C08Q2

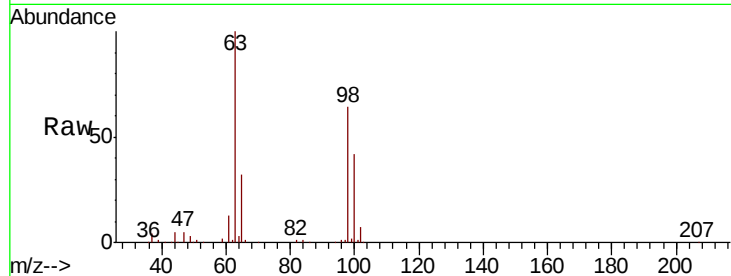
Tgt Ion: 101 Resp: 787

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

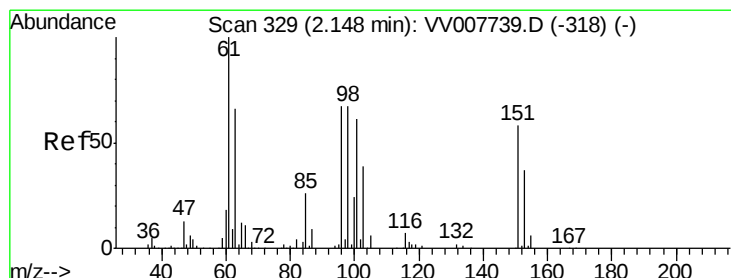
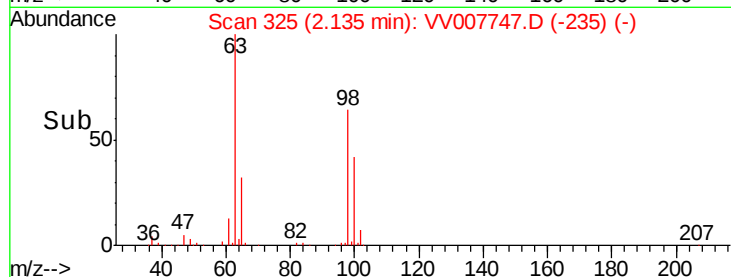
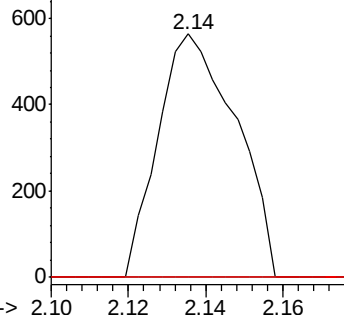
151 0.0 72.2 108.2#



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



#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

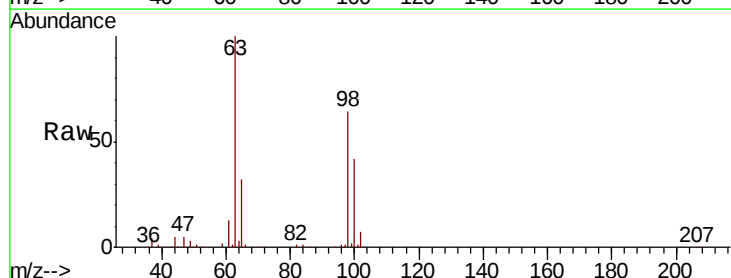
Tgt Ion: 96 Resp: 787

Ion Ratio Lower Upper

96 100

61 1371.3 107.3 199.3#

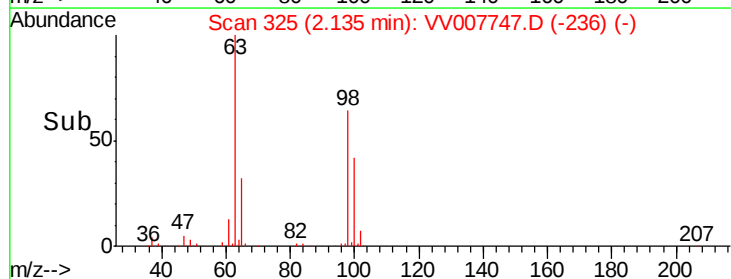
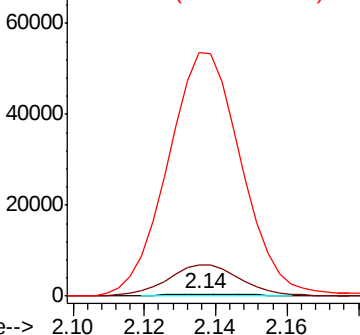
63 10552.8 78.8 146.4#

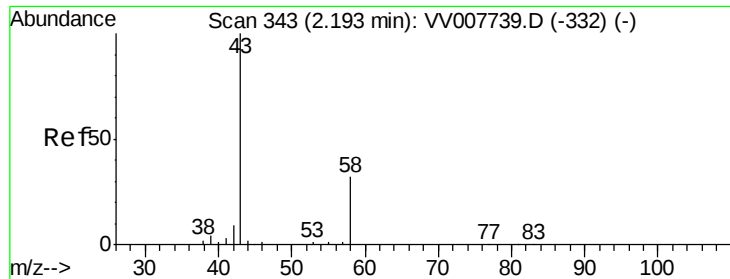


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.099 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Instrument :

MSVOA_V

ClientSampleId :

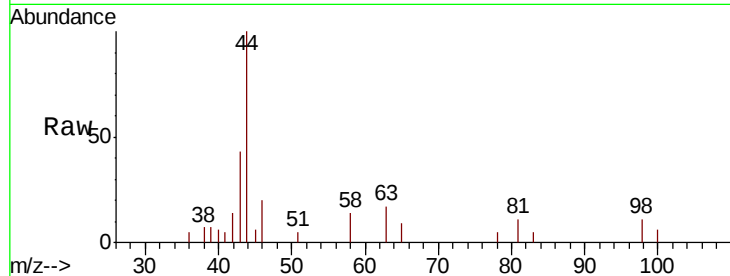
C08Q2

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

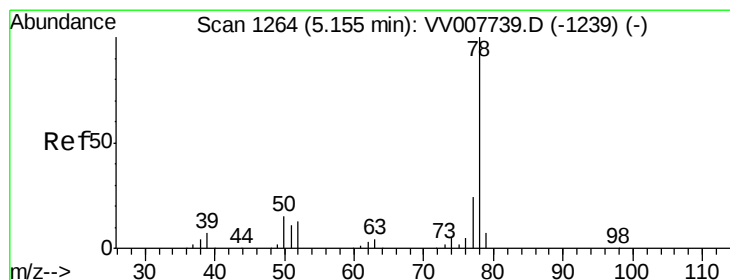
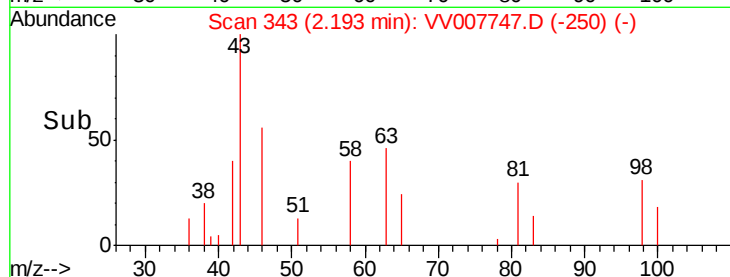
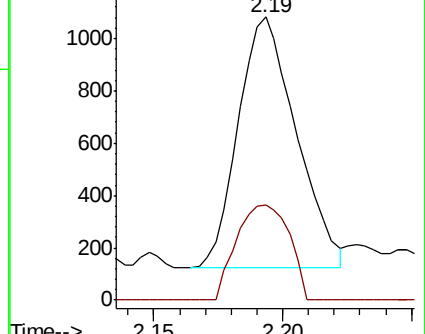
43 100

58 34.7 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) (-)



#33

Benzene

Concen: 21.030 ug/L

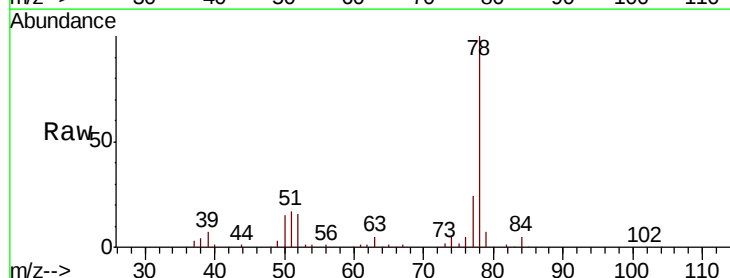
RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

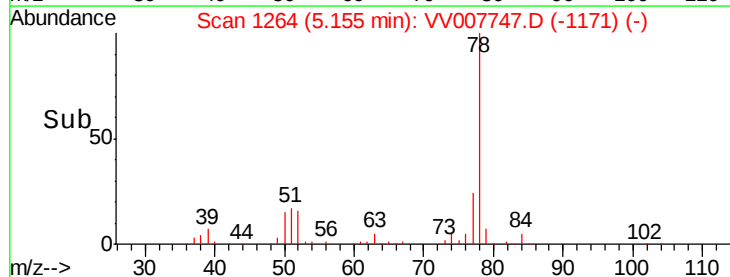
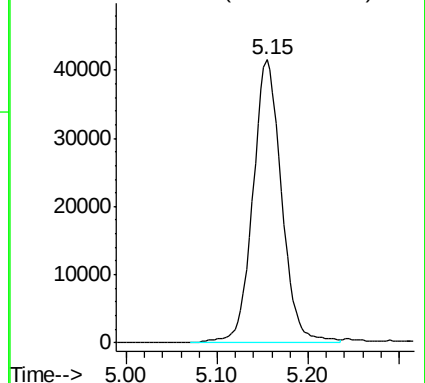
Lab File: VV007747.D

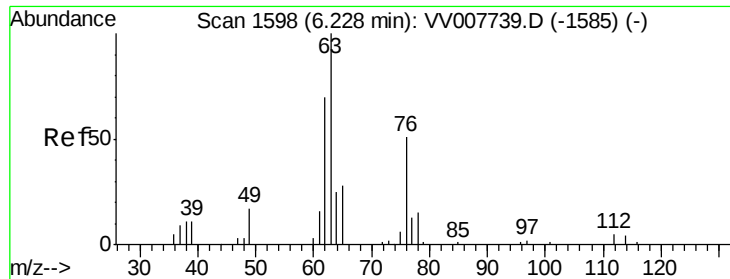
Acq: 22 Sep 2018 20:47

Tgt Ion: 78 Resp: 91360



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

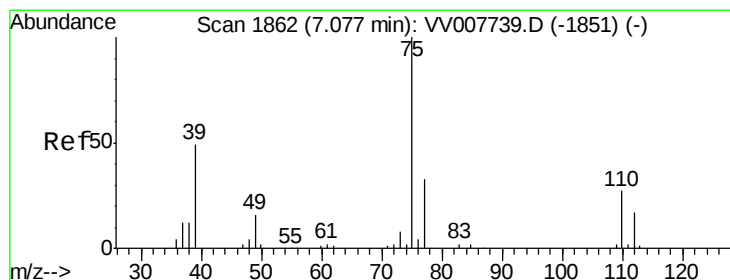
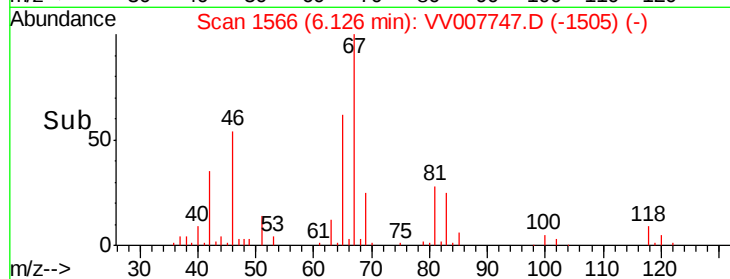
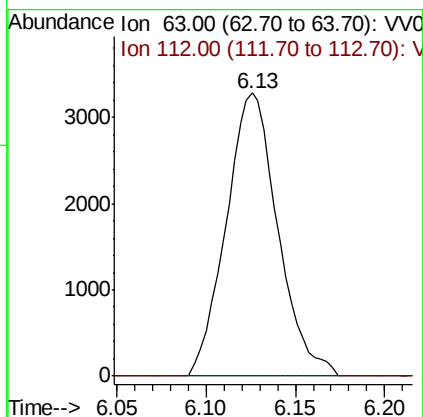
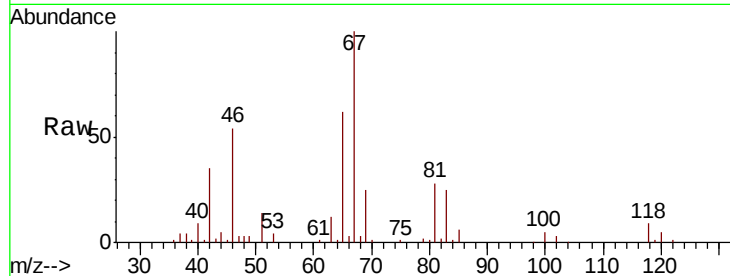




#37
 1,2-Dichloropropane
 Concen: 6.059 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

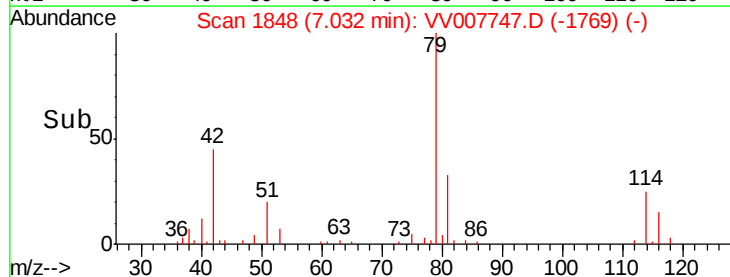
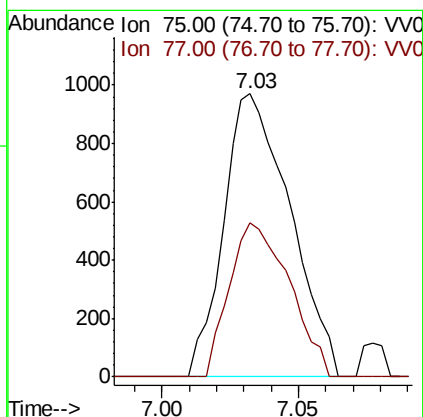
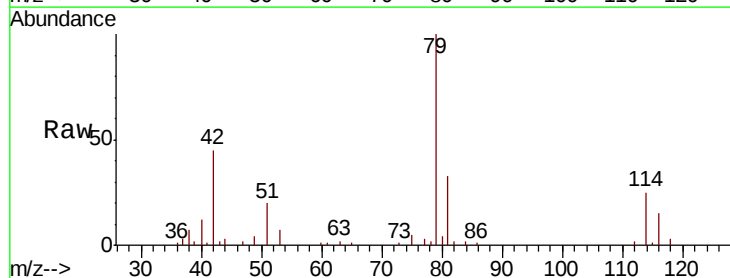
Instrument :
 MSVOA_V
 ClientSampled :
 C08Q2

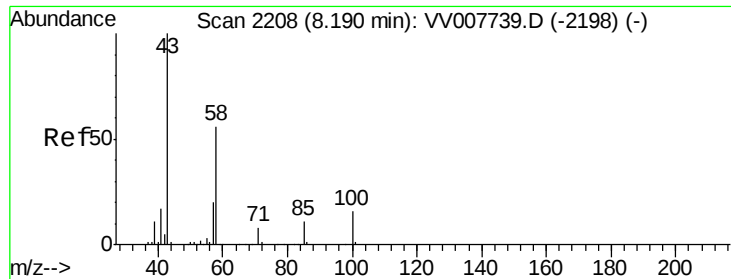
Tgt Ion: 63 Resp: 6627
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

Tgt Ion: 75 Resp: 1640
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.0 40.8#

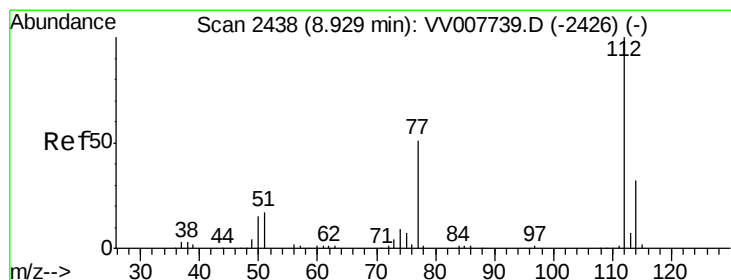
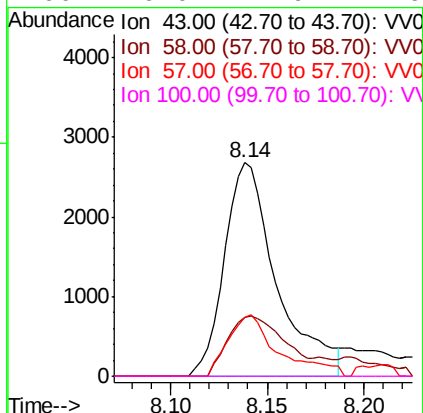
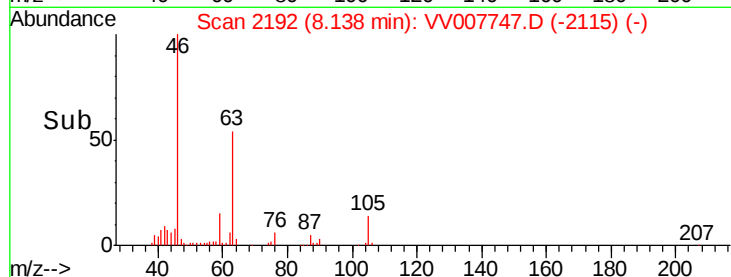
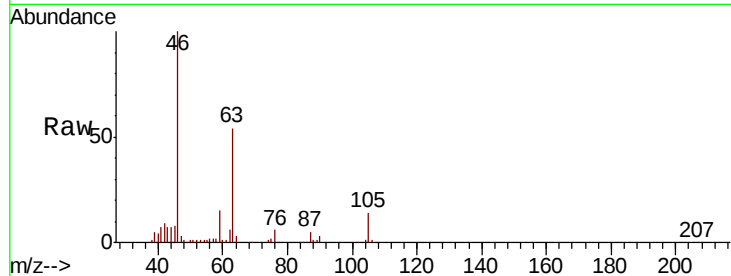




#48
 2-Hexanone
 Concen: 4.541 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

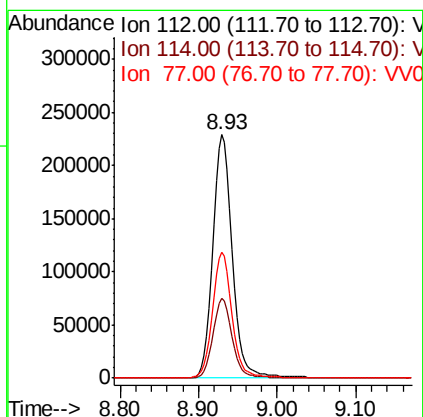
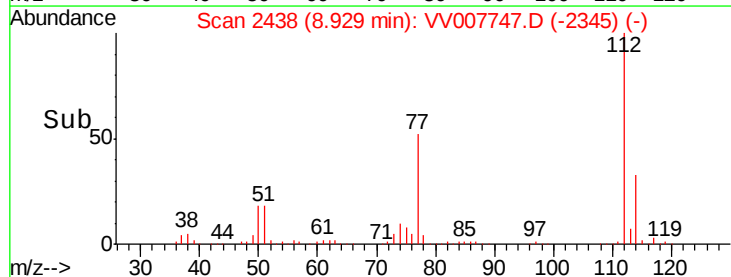
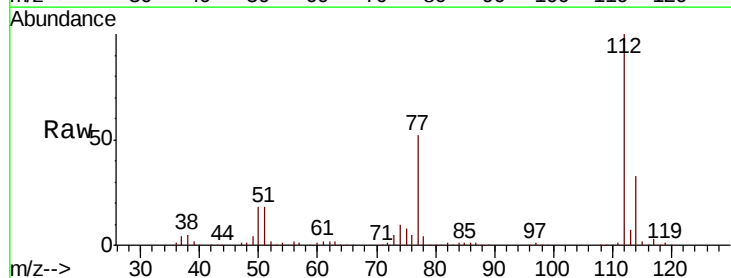
Instrument :
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 ClientSampleId :
 C08Q2

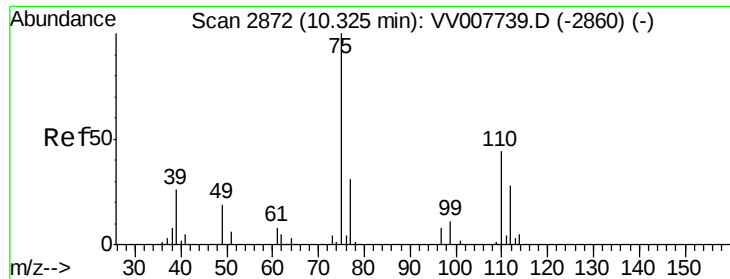
Tgt Ion: 43 Resp: 5060
 Ion Ratio Lower Upper
 43 100
 58 30.2 41.4 62.0#
 57 27.7 16.0 24.0#
 100 0.0 11.9 17.9#



#51
 Chlorobenzene
 Concen: 105.427 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

Tgt Ion: 112 Resp: 391064
 Ion Ratio Lower Upper
 112 100
 114 32.7 22.3 41.3
 77 51.9 40.6 60.8





#59

1,2,3-Trichloropropane

Concen: 2.836 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.90 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Instrument :

MSVOA_V

ClientSampleId :

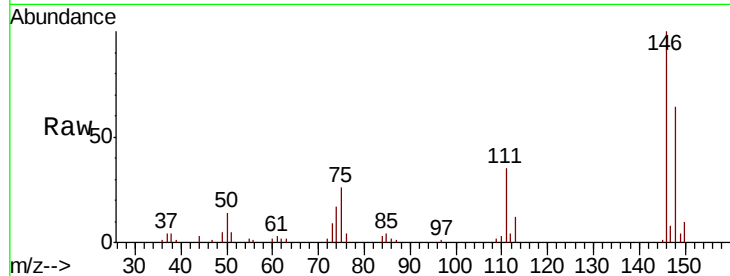
C08Q2

Tgt Ion: 75 Resp: 4386

Ion Ratio Lower Upper

75 100

77 0.0 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) (-)

8000

6000

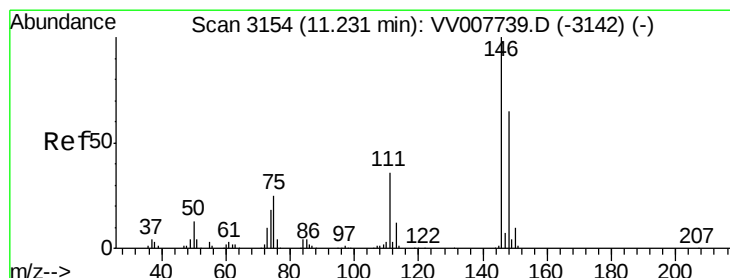
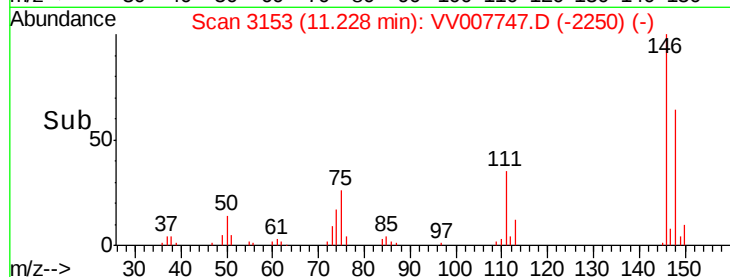
4000

2000

0

11.20 11.25

Time-->



#62

1,3-Dichlorobenzene

Concen: 5.937 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

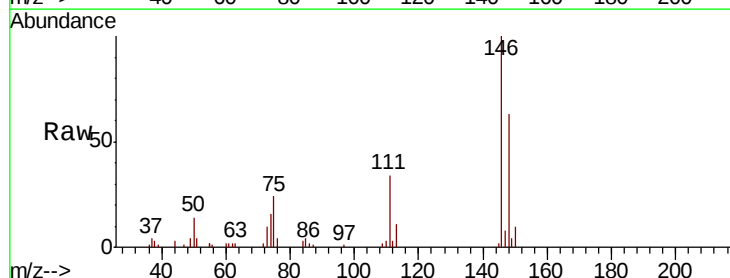
Tgt Ion: 146 Resp: 18390

Ion Ratio Lower Upper

146 100

111 34.5 25.1 46.7

148 62.9 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): VV007739.D (-3142) (-)

Ion 111.00 (110.70 to 111.70): VV007739.D (-3142) (-)

Ion 148.00 (147.70 to 148.70): VV007739.D (-3142) (-)

60000

50000

40000

30000

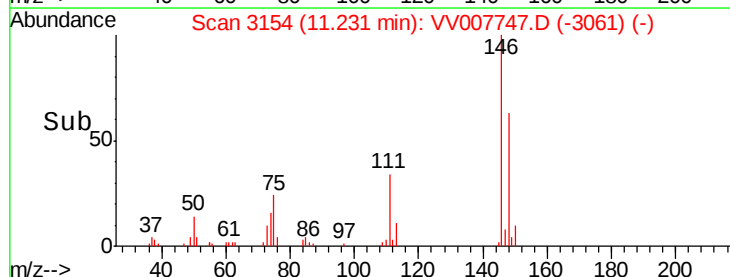
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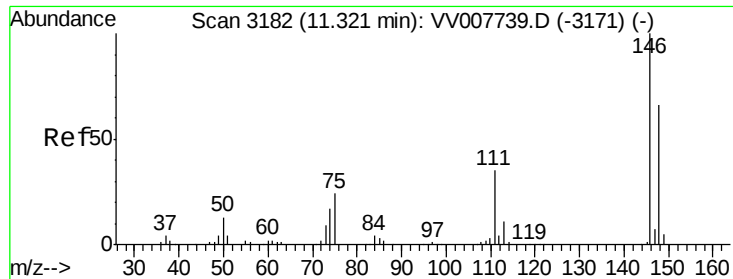
10000

0

11.20 11.25 11.30

Time-->

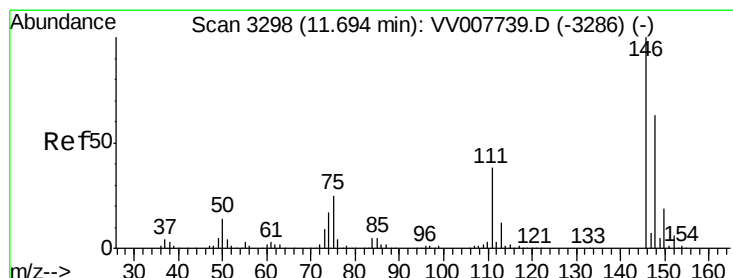
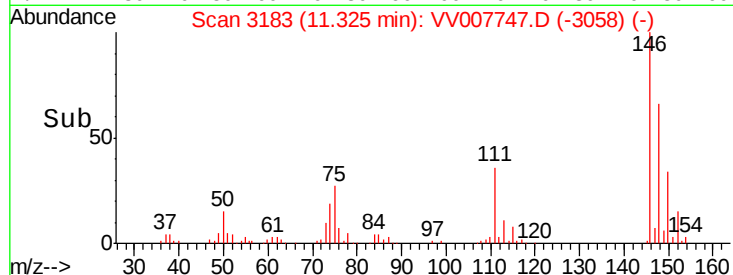
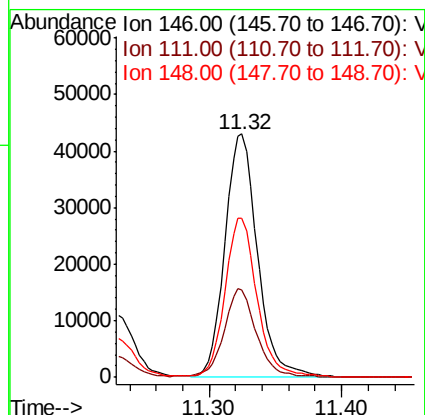
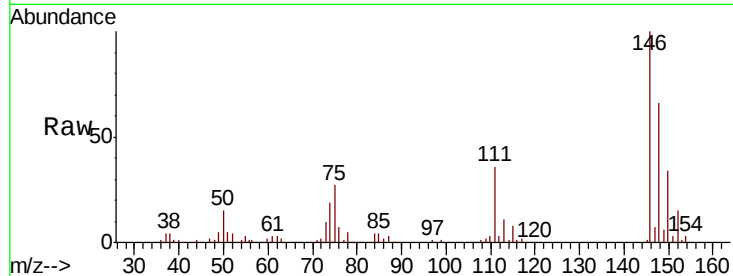




#63
 1,4-Dichlorobenzene
 Concen: 22.897 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

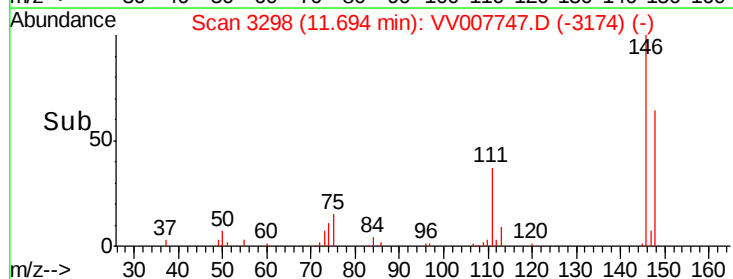
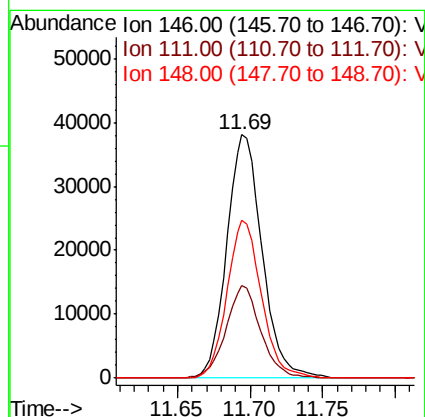
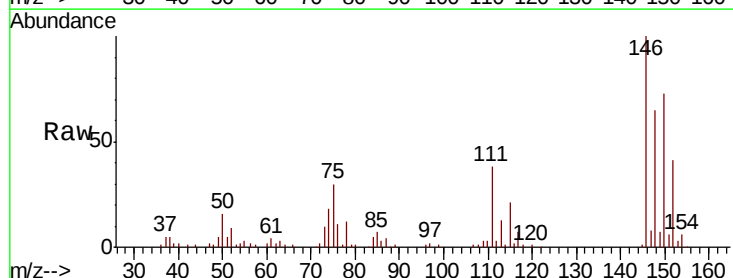
Instrument :
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 C08Q2

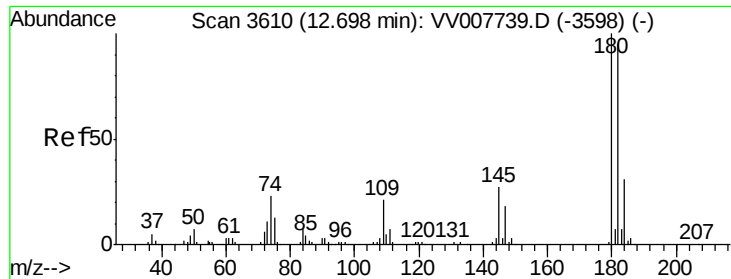
Tgt Ion:146 Resp: 73569
 Ion Ratio Lower Upper
 146 100
 111 36.1 24.4 45.4
 148 65.6 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 20.505 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

Tgt Ion:146 Resp: 64225
 Ion Ratio Lower Upper
 146 100
 111 38.1 29.8 44.8
 148 64.8 50.8 76.2

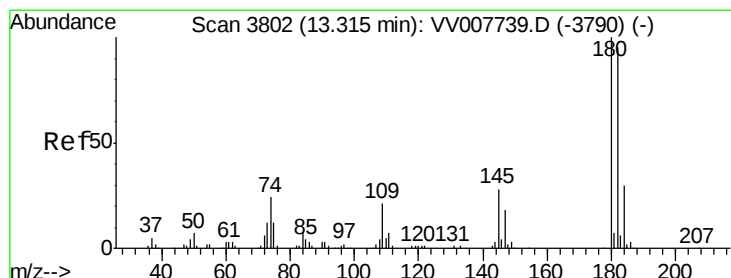
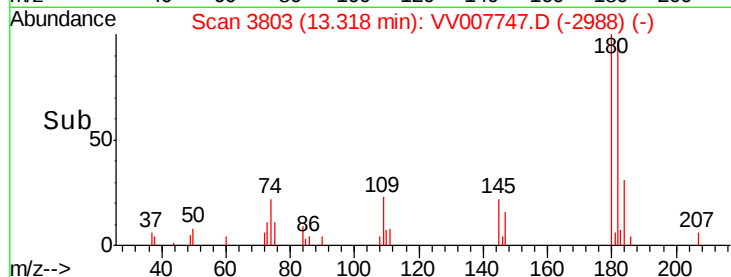
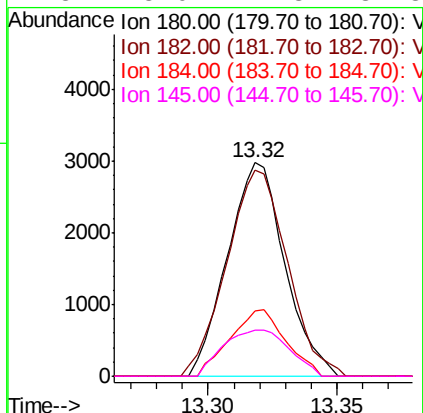
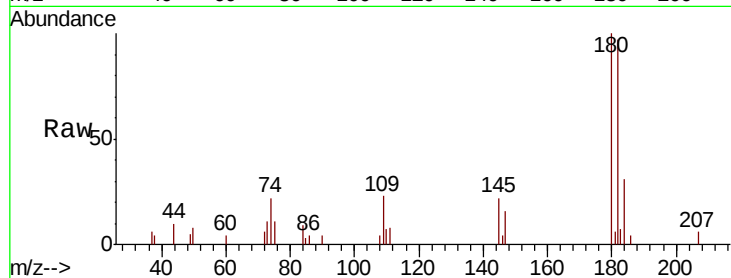




#67
 1,3,5-Trichlorobenzene
 Concen: 1.772 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.62 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q2

Tgt Ion:180 Resp: 4611
 Ion Ratio Lower Upper
 180 100
 182 102.3 77.6 116.4
 184 30.2 24.7 37.1
 145 25.0 21.8 32.8



#68
 1,2,4-trichlorobenzene
 Concen: 1.975 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007747.D
 Acq: 22 Sep 2018 20:47

Tgt Ion:180 Resp: 4611
 Ion Ratio Lower Upper
 180 100
 182 102.3 77.0 115.6
 145 25.0 22.2 33.2

