

Data File : VV008967.D
Acq On : 15 Dec 2018 06:15
Operator : SY/MD
Sample : J6383-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0937

Quant Time: Dec 15 19:58:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208220	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195359	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46425	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.56	69	37492	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.13	63	96475	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.20%
21) 2-Butanone-d5	3.93	46	89034	109.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.66%
24) Chloroform-d	4.41	84	120153	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.08	65	82199	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.10	84	247404	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.12	67	74788	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.36	98	228117	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.67	79	34530	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.13	63	59759	102.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91349	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	99512	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	784	0.552 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	865	0.669 ug/L #	1
13) Acetone	2.19	43	23252	19.046 ug/L	100
15) Methyl Acetate	2.32	43	1995	1.510 ug/L #	49
33) Benzene	5.15	78	4672	0.868 ug/L	100
35) Methylcyclohexane	6.12	83	18280	7.929 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	8500	6.105 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2084	0.939 ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	1354	0.654 ug/L #	67
51) Chlorobenzene	8.93	112	91773	23.344 ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	4980	2.840 ug/L #	42
62) 1,3-Dichlorobenzene	11.23	146	17682	5.892 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	83297	27.566 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	642633	210.900 ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	93212	48.195 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	93212	70.262 ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	63906	47.835 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
Quantitation Report (Not Reviewed)

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QLast Update : Sat Dec 15 01:01:00 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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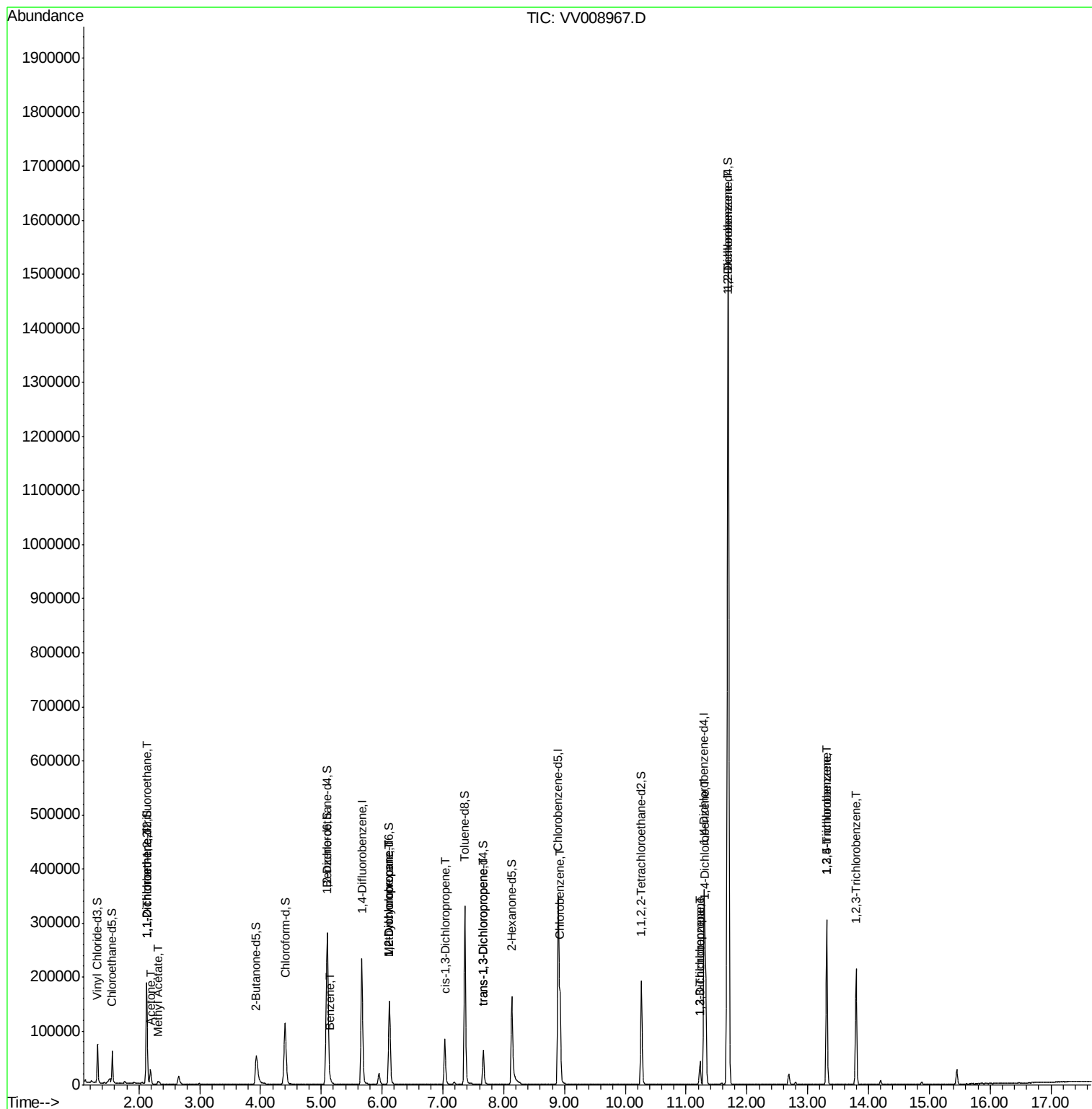
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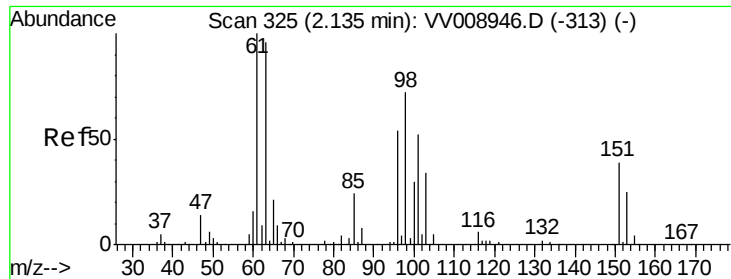
Data File : VV008967.D

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Acq On       : 15 Dec 2018   06:15
Operator    : SY/MD
Sample      : J6383-03
Misc        : 5.0 mL/MSVOA_V/WATER
ALS Vial     : 46      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0937

Quant Time: Dec 15 19:58:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration





#10

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

Concen: 0.552 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampleId :

C0937

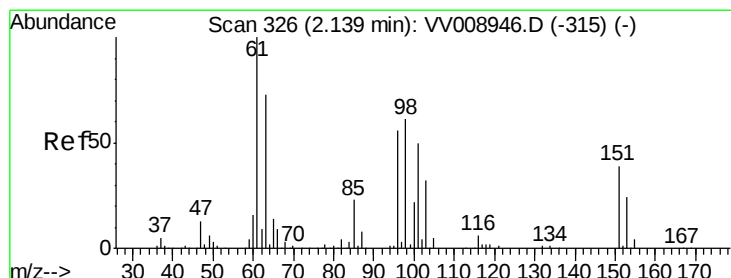
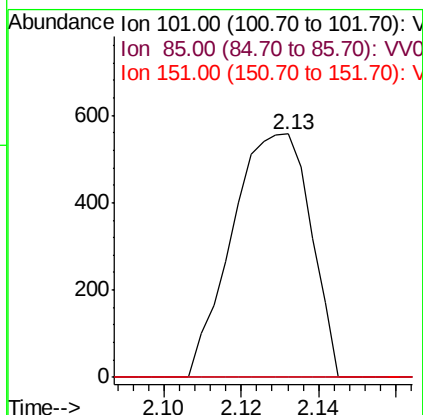
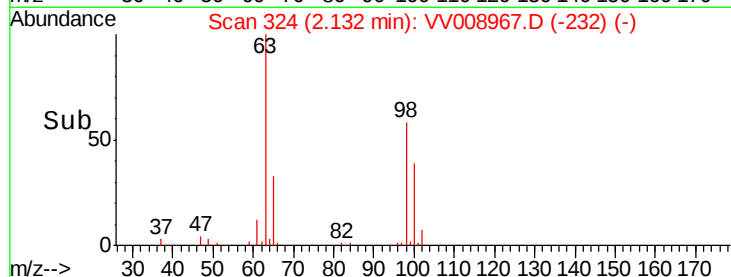
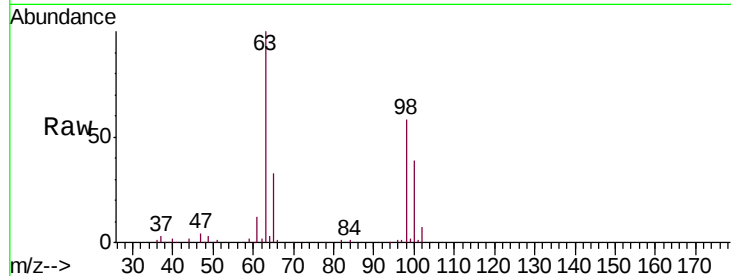
Tgt Ion:101 Resp: 784

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#



#12

1,1-Dichloroethene

Concen: 0.669 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

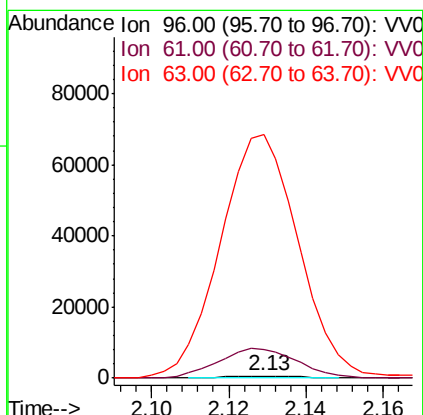
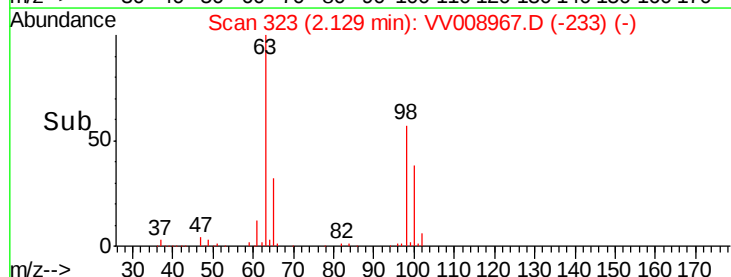
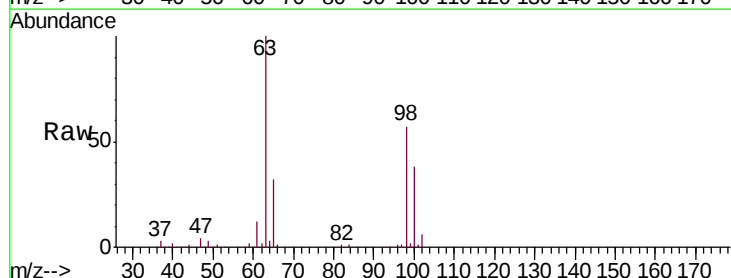
Tgt Ion: 96 Resp: 865

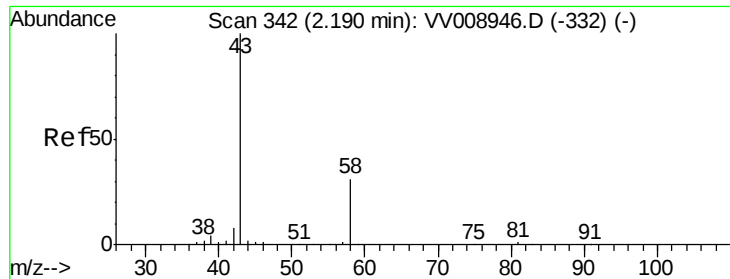
Ion Ratio Lower Upper

96 100

61 1320.4 119.1 221.3#

63 11012.2 96.0 178.2#





#13

Acetone

Concen: 19.046 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampled :

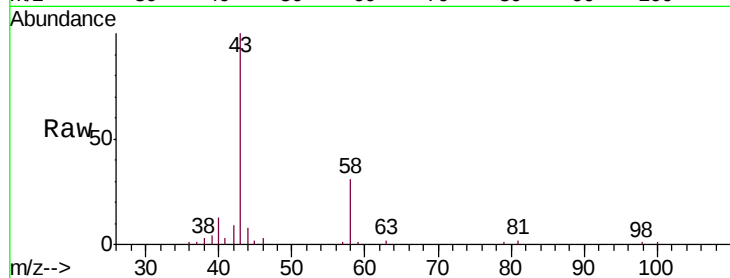
C0937

Tgt Ion: 43 Resp: 23252

Ion Ratio Lower Upper

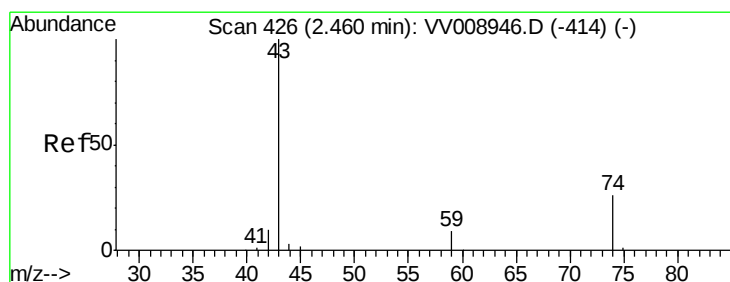
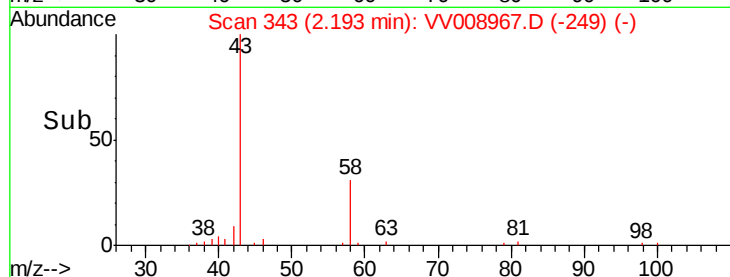
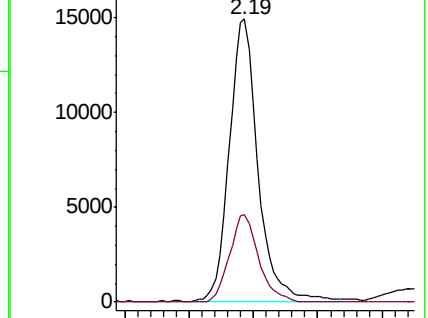
43 100

58 31.0 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV008946.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV008946.D (-332) (-)



#15

Methyl Acetate

Concen: 1.510 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.14 min

Lab File: VV008967.D

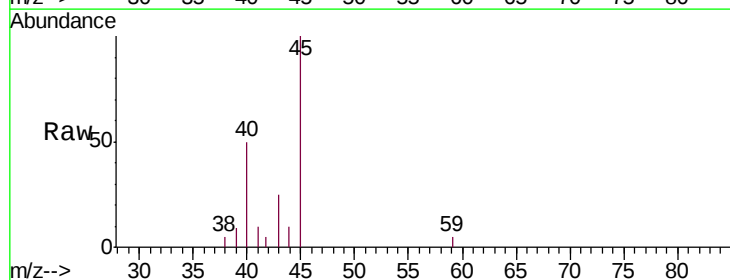
Acq: 15 Dec 2018 06:15

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

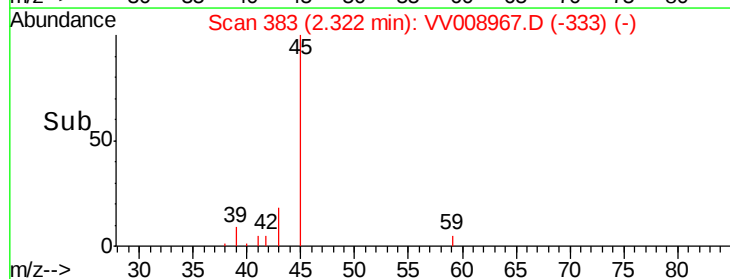
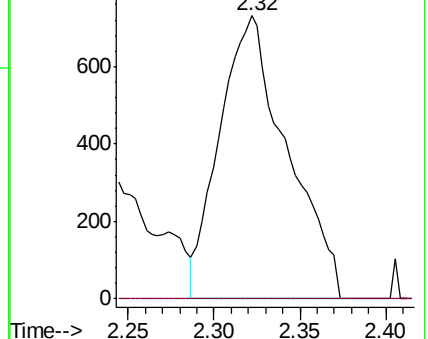
43 100

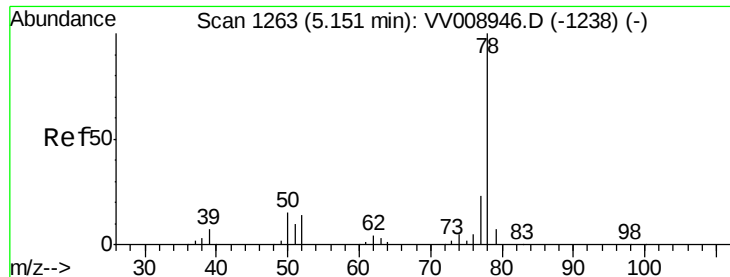
74 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VV008946.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV008946.D (-414) (-)

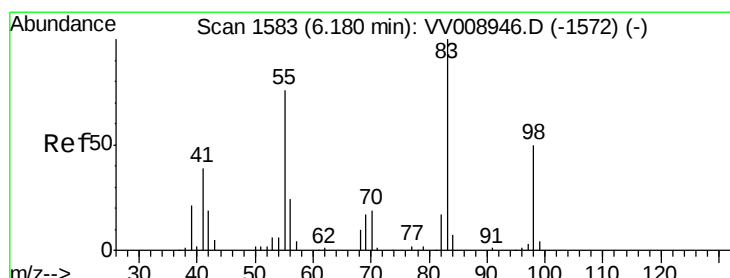
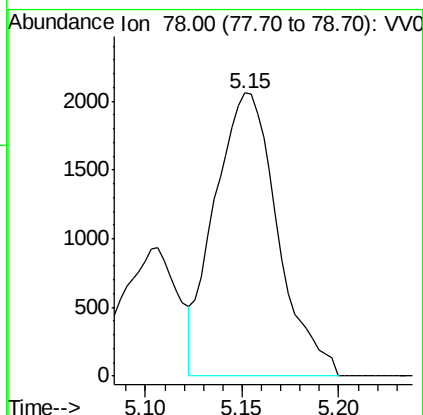
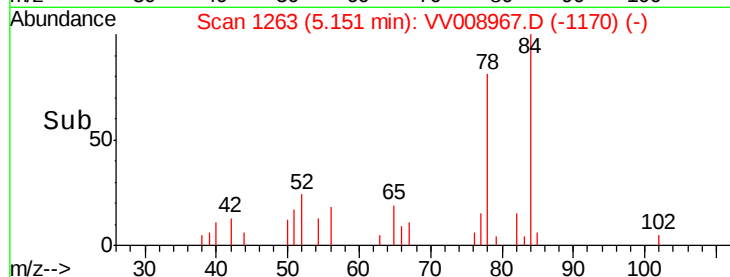
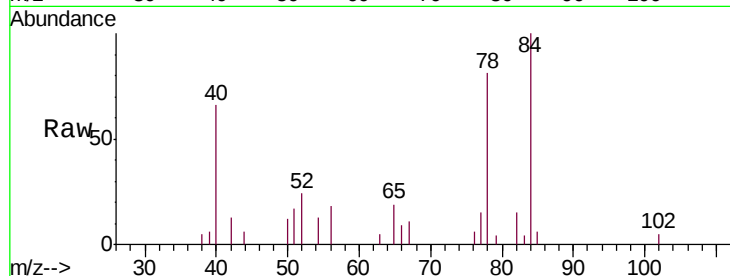




#33
Benzene
Concen: 0.868 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008967.D
Acq: 15 Dec 2018 06:15

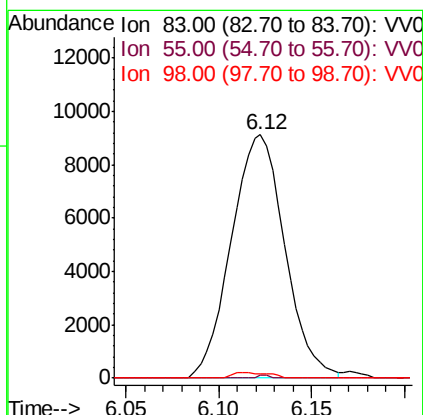
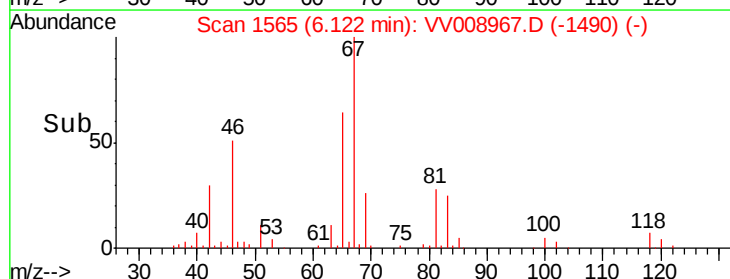
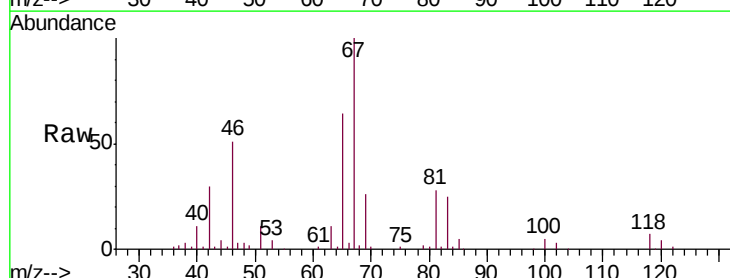
Instrument :
MSVOA_V
ClientSampled :
C0937

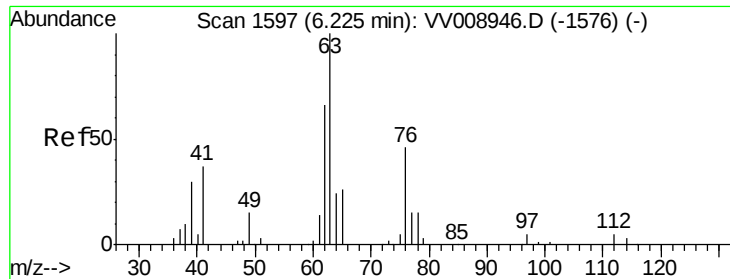
Tgt Ion: 78 Resp: 4672



#35
Methylcyclohexane
Concen: 7.929 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008967.D
Acq: 15 Dec 2018 06:15

Tgt Ion: 83 Resp: 18280
Ion Ratio Lower Upper
83 100
55 0.2 57.8 86.8#
98 1.6 39.0 58.4#

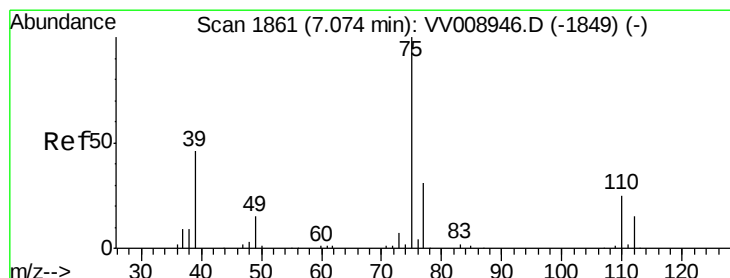
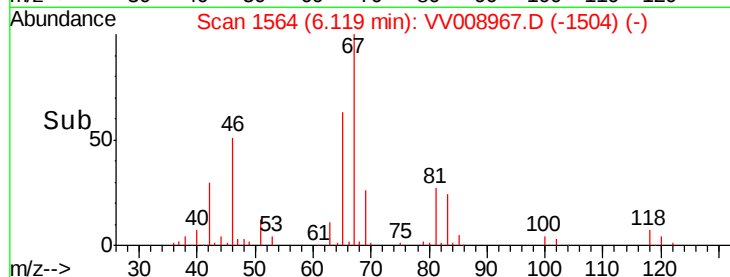
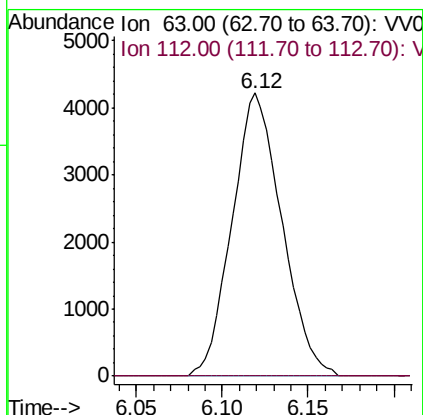
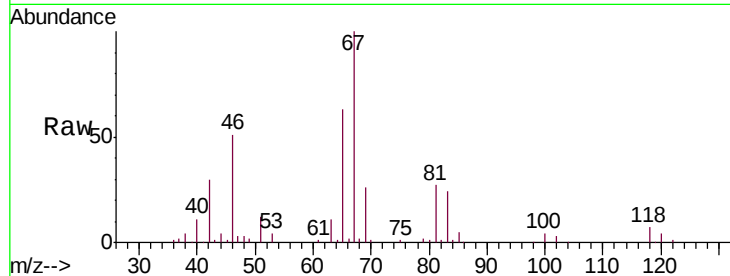




#37
 1,2-Dichloropropane
 Concen: 6.105 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

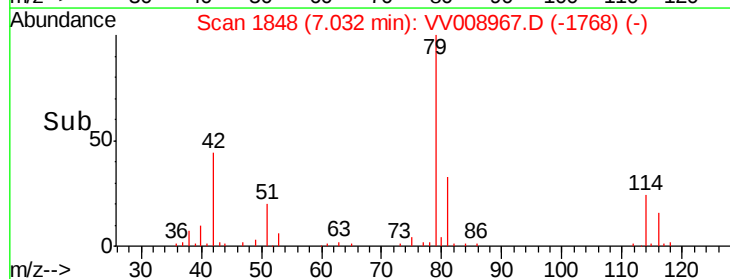
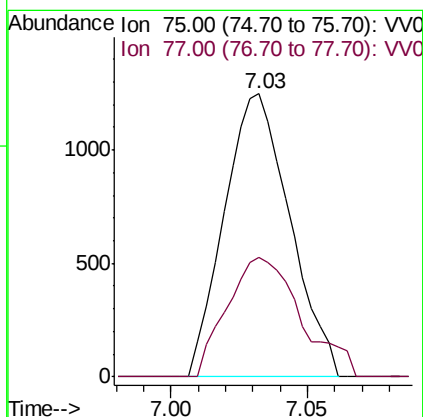
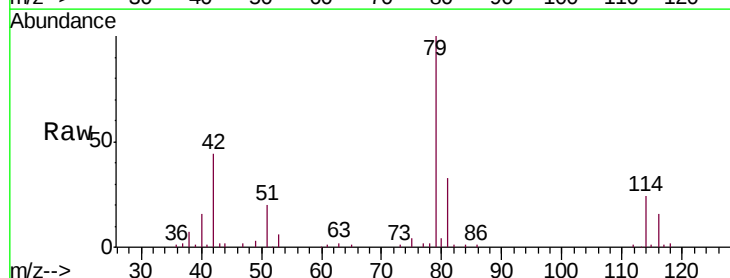
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 MSVOA_V
 ClientSampleId :
 C0937

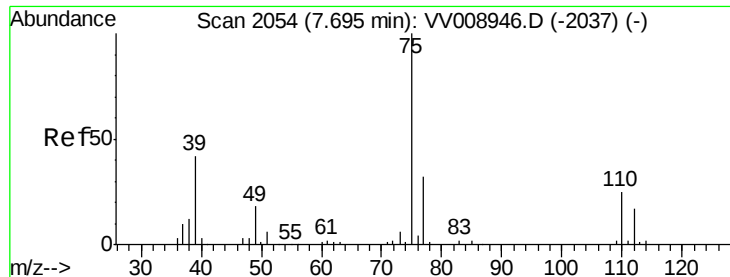
Tgt Ion: 63 Resp: 8500
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Tgt Ion: 75 Resp: 2084
 Ion Ratio Lower Upper
 75 100
 77 42.3 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampleId :

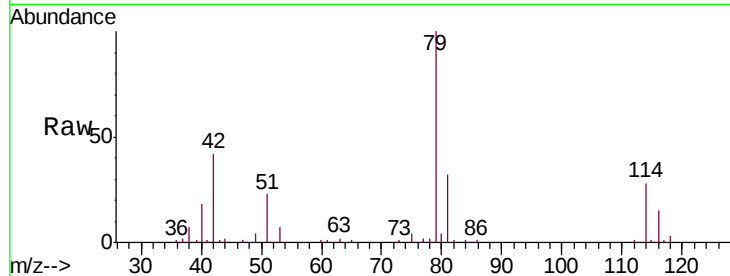
C0937

Tgt Ion: 75 Resp: 1354

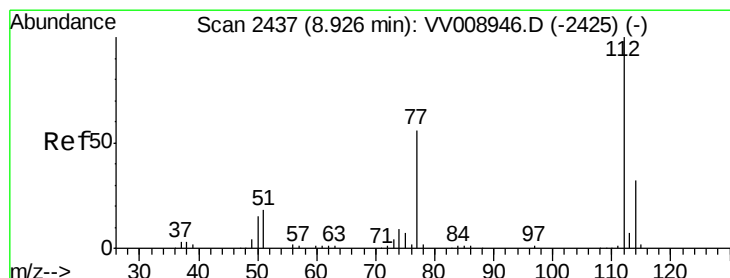
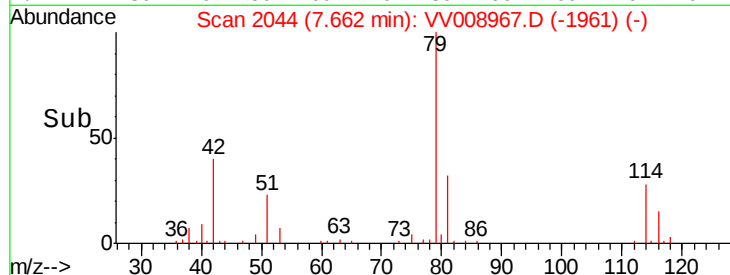
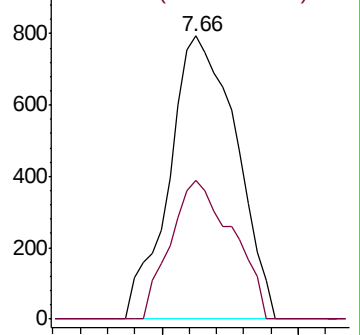
Ion Ratio Lower Upper

75 100

77 49.1 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2037) (-)



#51

Chlorobenzene

Concen: 23.344 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

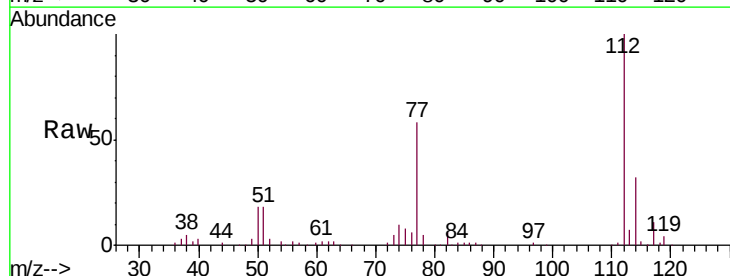
Tgt Ion: 112 Resp: 91773

Ion Ratio Lower Upper

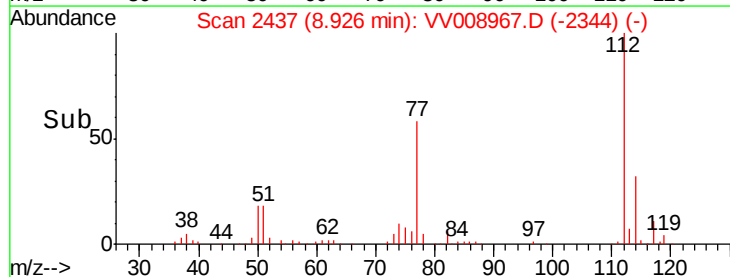
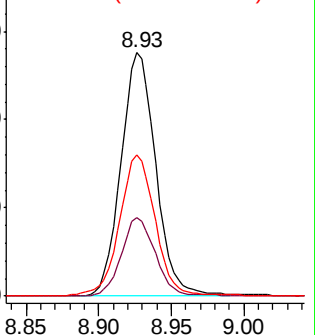
112 100

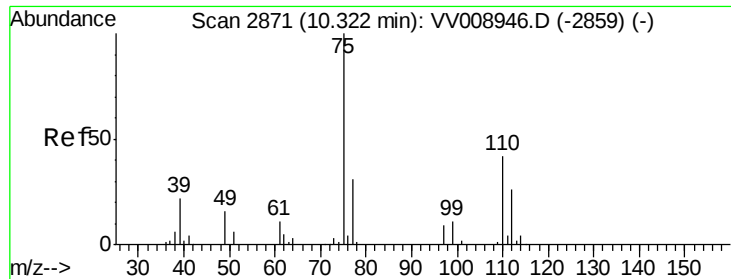
114 32.4 22.3 41.5

77 57.7 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): VV008946.D (-2425) (-)





#59

1,2,3-Trichloropropane

Concen: 2.840 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampled :

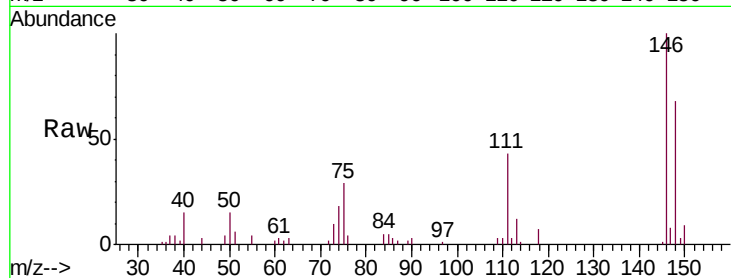
C0937

Tgt Ion: 75 Resp: 4980

Ion Ratio Lower Upper

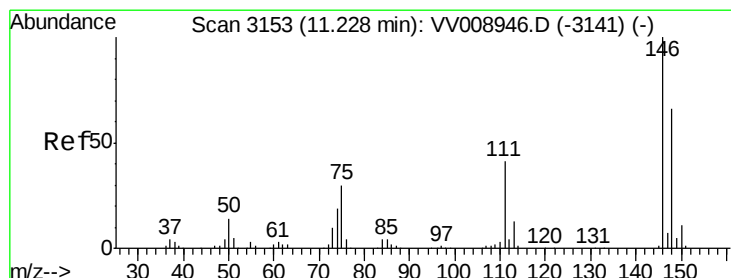
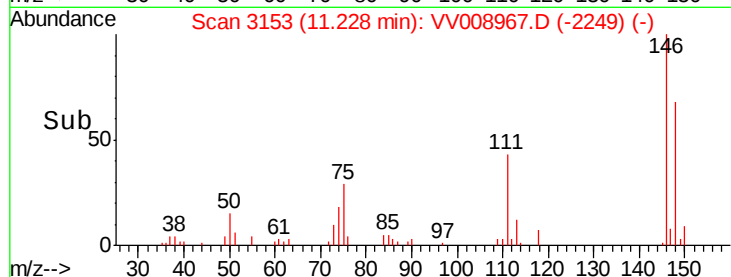
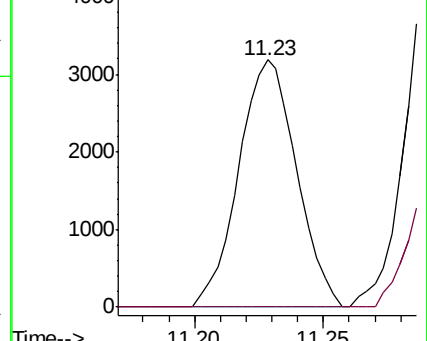
75 100

77 0.0 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008946.D (-2859) (-)



#62

1,3-Dichlorobenzene

Concen: 5.892 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

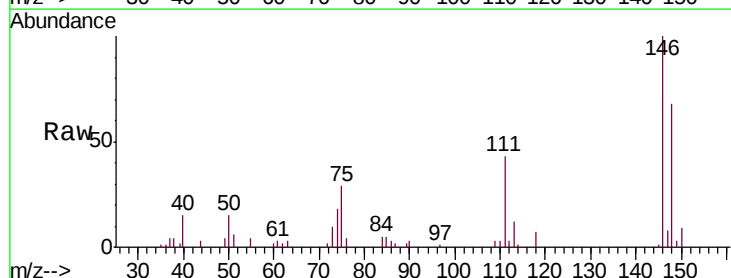
Tgt Ion: 146 Resp: 17682

Ion Ratio Lower Upper

146 100

111 43.4 28.3 52.7

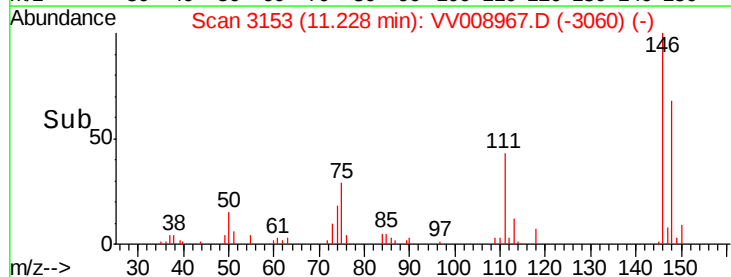
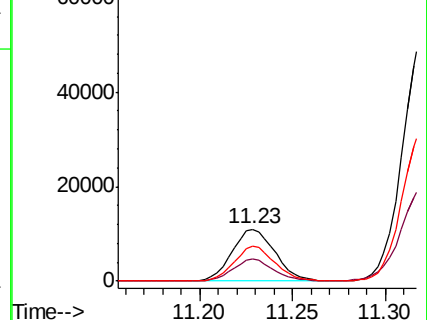
148 68.0 44.9 83.5

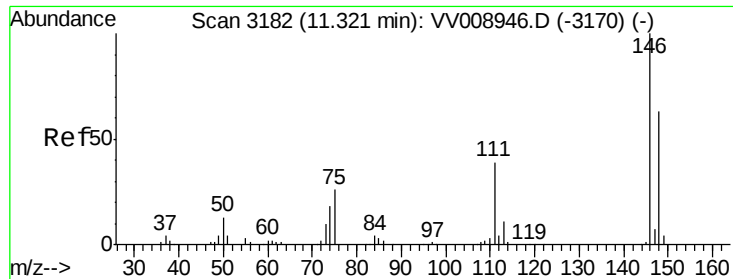


Abundance Ion 146.00 (145.70 to 146.70): VV008946.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV008946.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008946.D (-3141) (-)

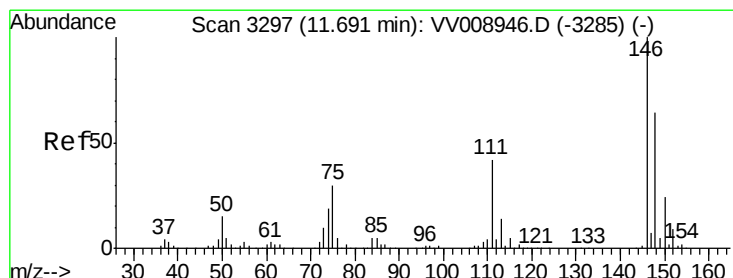
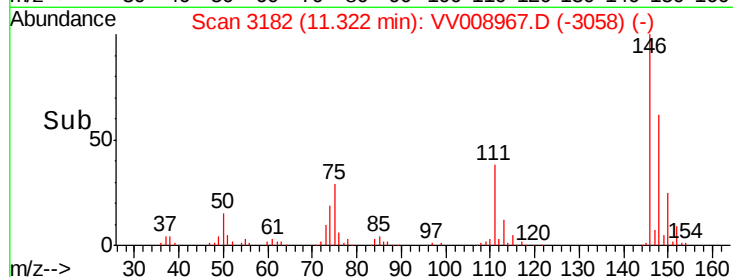
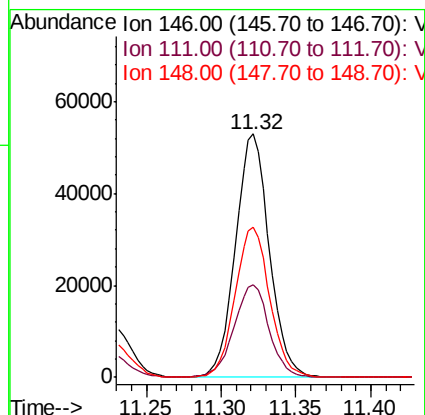
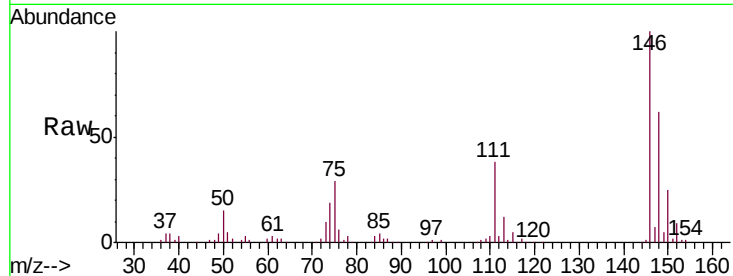




#63
 1,4-Dichlorobenzene
 Concen: 27.566 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

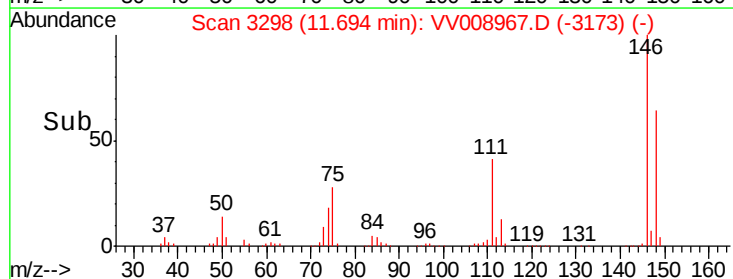
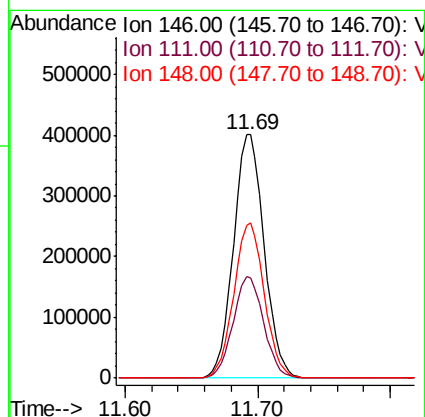
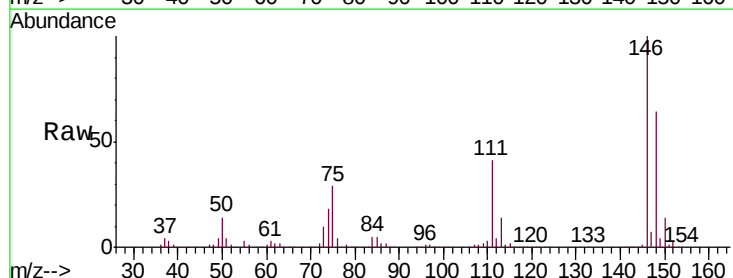
Instrument :
 MSVOA_V
 ClientSampleId :
 C0937

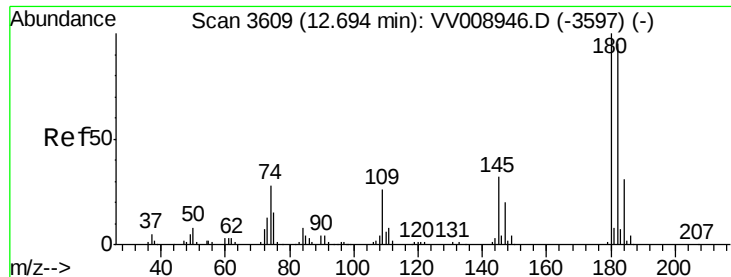
Tgt Ion:146 Resp: 83297
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.9 51.9
 148 61.6 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 210.900 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Tgt Ion:146 Resp: 642633
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.8 49.2
 148 63.7 50.5 75.7

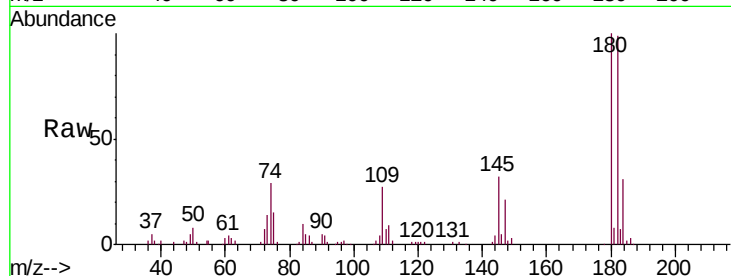




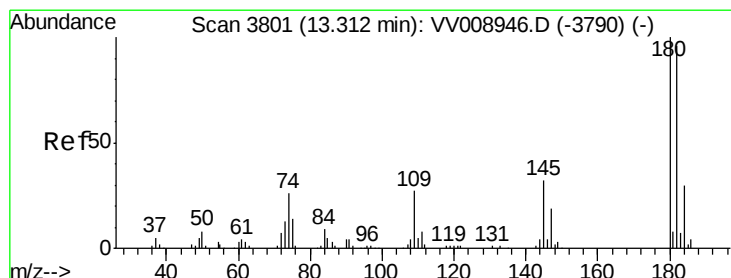
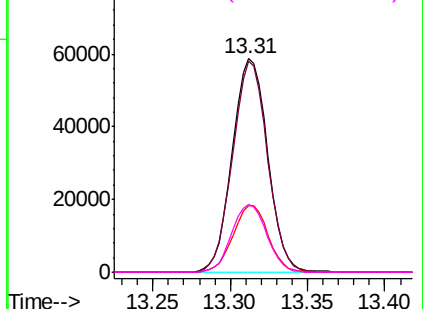
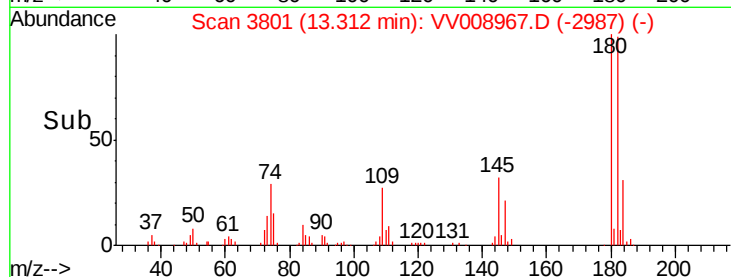
#67
 1,3,5-Trichlorobenzene
 Concen: 48.195 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.62 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0937

Tgt Ion:180 Resp: 93212
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.4 113.0
 184 31.0 24.2 36.2
 145 31.5 25.0 37.4

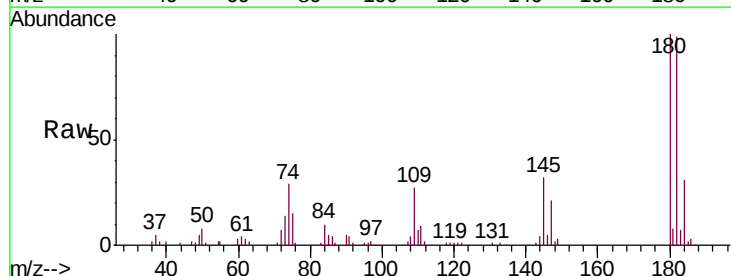


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

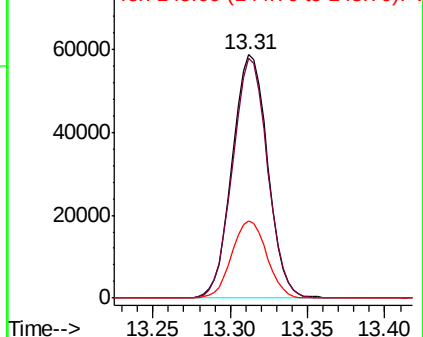
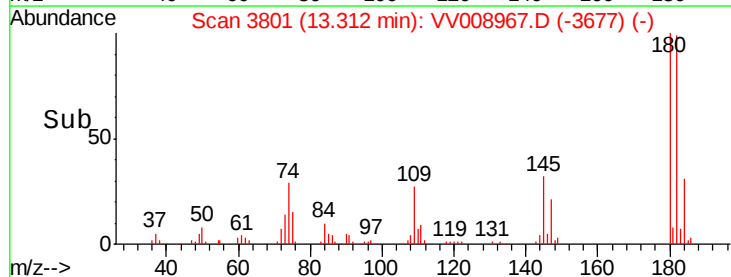


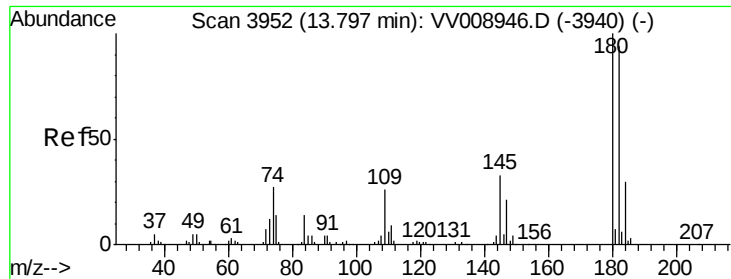
#68
 1,2,4-trichlorobenzene
 Concen: 70.262 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Tgt Ion:180 Resp: 93212
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.7 113.5
 145 31.5 25.0 37.4



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

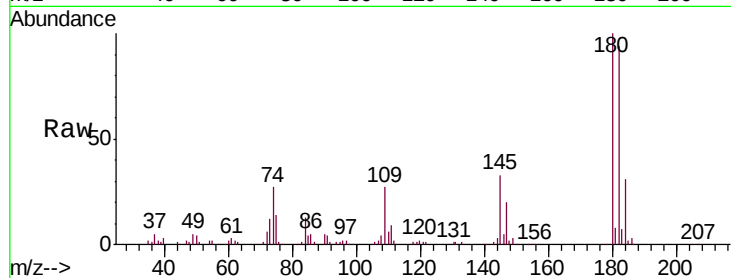




#70
 1,2,3-Trichlorobenzene
 Concen: 47.835 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0937

Tgt Ion:180 Resp: 63906
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 115.0
 145 33.8 26.1 39.1



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

