

Data File : VV008717.D
Acq On : 26 Nov 2018 16:08
Operator : SY/MD
Sample : J6036-01DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0923DL

Quant Time: Nov 27 03:14:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	301377	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	278591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85545	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.48%
7) Chloroethane-d5	1.57	69	64828	55.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.64%
11) 1,1-Dichloroethene-d2	2.13	63	117310	33.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.86%
21) 2-Butanone-d5	4.05	46	254	0.15	ug/L	0.12
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.15%#
24) Chloroform-d	4.41	84	189306	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.08	65	124158	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.10	84	399857	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
36) 1,2-Dichloropropane-d6	6.12	67	127574	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.18%
41) Toluene-d8	7.36	98	363165	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.67	79	56449	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.13	63	107402	87.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	162997	44.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	136034	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

					Qvalue
6) Bromomethane	1.52	94	1118	1.444 ug/L	82
9) Trichlorofluoromethane	2.13	101	1217	0.412 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1217	0.714 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	934	0.610 ug/L #	1
13) Acetone	2.19	43	6581	3.838 ug/L	98
33) Benzene	5.15	78	70821	7.907 ug/L	100
35) Methylcyclohexane	6.12	83	28684	7.319 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13741	5.680 ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3709	1.079 ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	2282	0.730 ug/L	88
51) Chlorobenzene	8.93	112	620128	104.646 ug/L	93
59) 1,2,3-Trichloropropane	11.23	75	12773	4.168 ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	40326	9.504 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	383413	88.666 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	621074	141.815 ug/L	96
67) 1,3,5-Trichlorobenzene	13.31	180	78558	26.593 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	78558	35.044 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.80	180	26333	11.424	ug/L	97

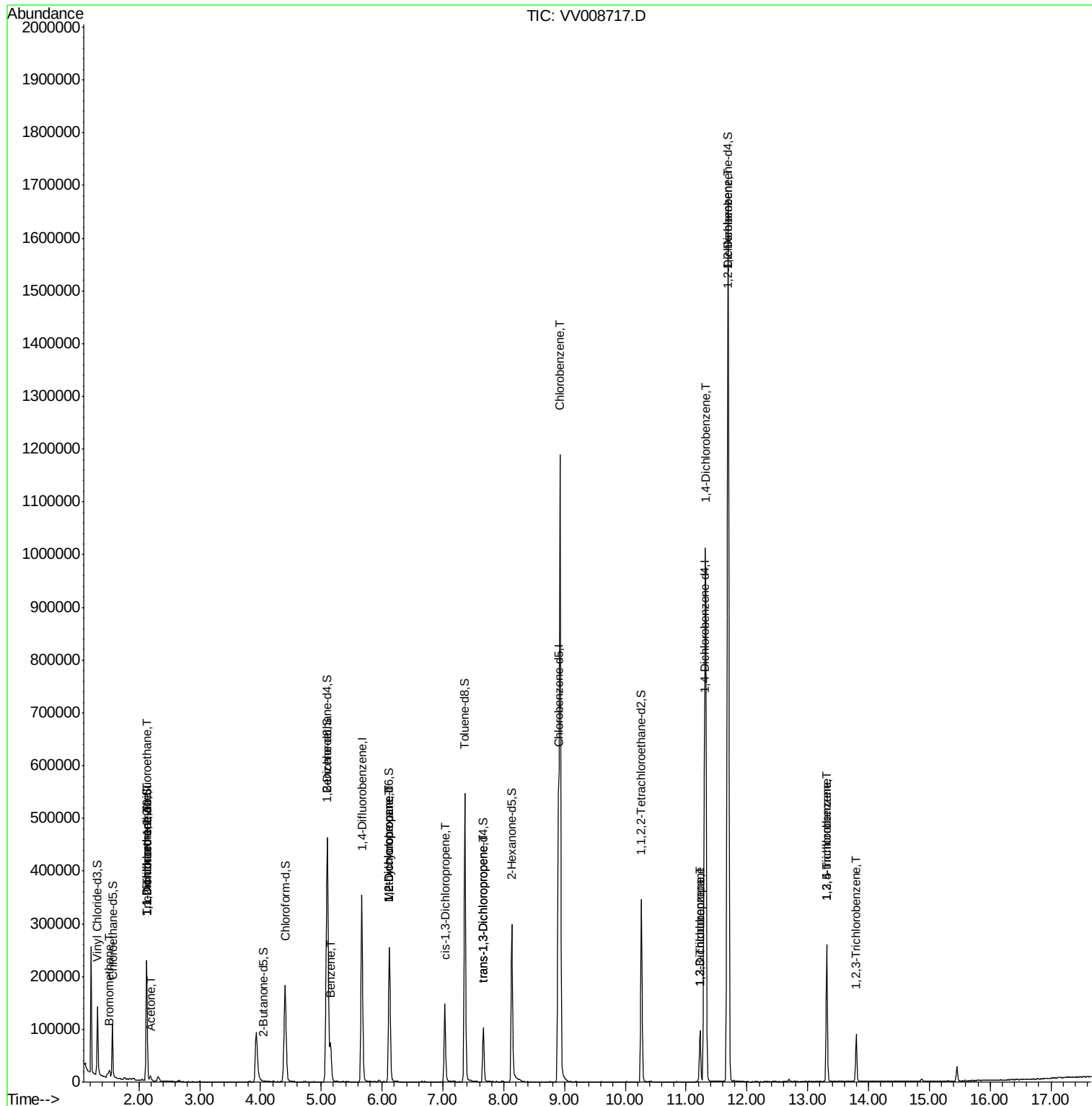
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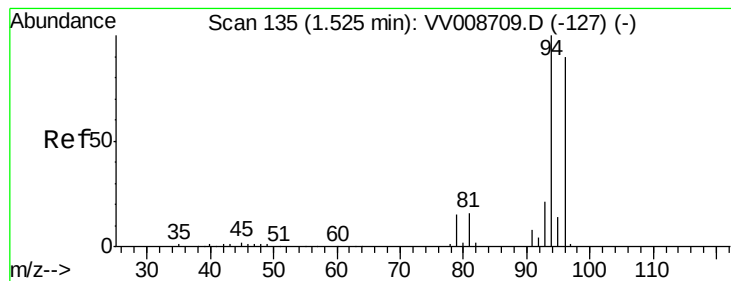
Data File : VV008717.D

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Operator    : SY/MD
Sample      : J6036-01DL 5X
Misc        : 5.0 mL/MSVOA_V/WATER
ALS Vial    : 10      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
C0923DL

Quant Time: Nov 27 03:14:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.444 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.01 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Instrument :

MSVOA_V

ClientSampled :

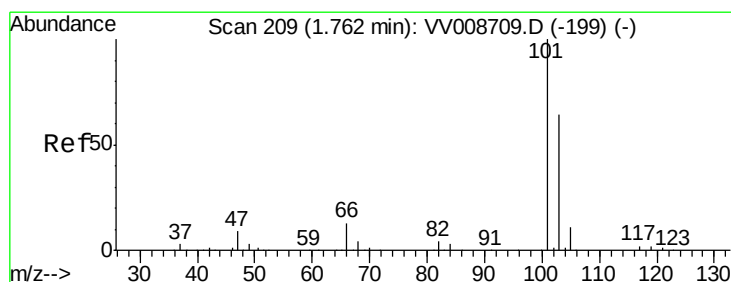
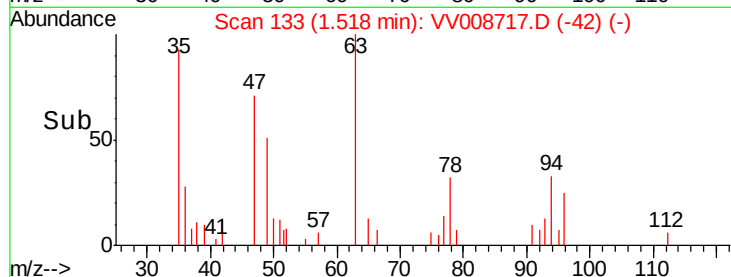
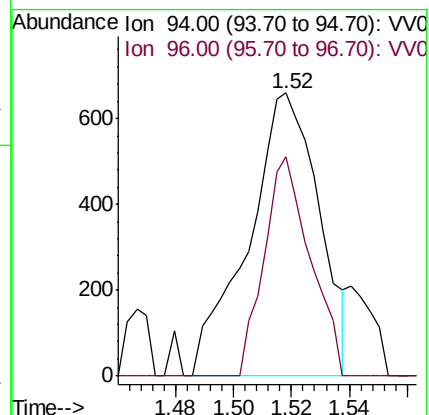
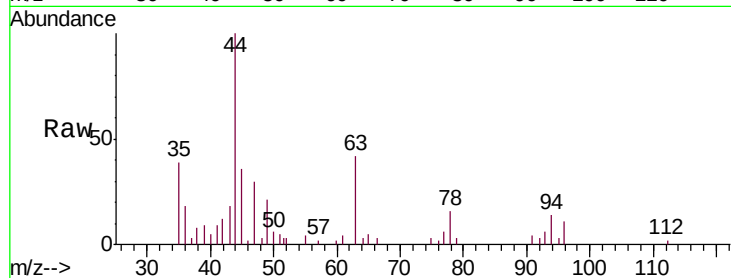
C0923DL

Tgt Ion: 94 Resp: 1118

Ion Ratio Lower Upper

94 100

96 77.7 66.6 123.8



#9

Trichlorofluoromethane

Concen: 0.412 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008717.D

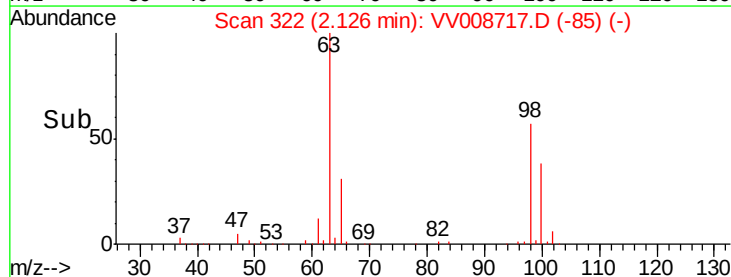
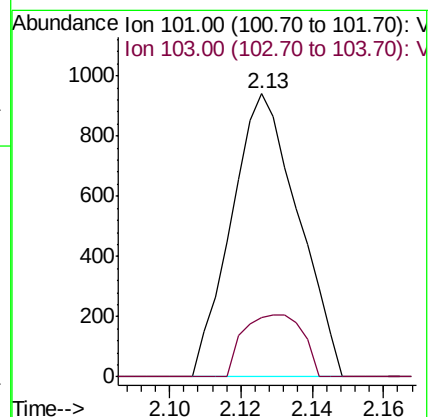
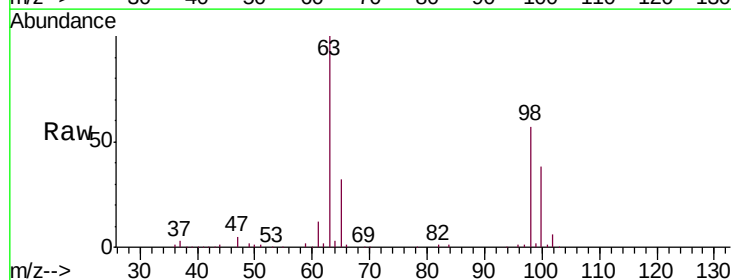
Acq: 26 Nov 2018 16:08

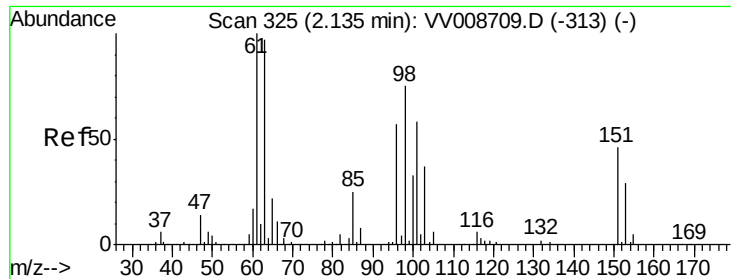
Tgt Ion: 101 Resp: 1217

Ion Ratio Lower Upper

101 100

103 19.6 50.2 75.4#





#10

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

Concen: 0.714 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0923DL

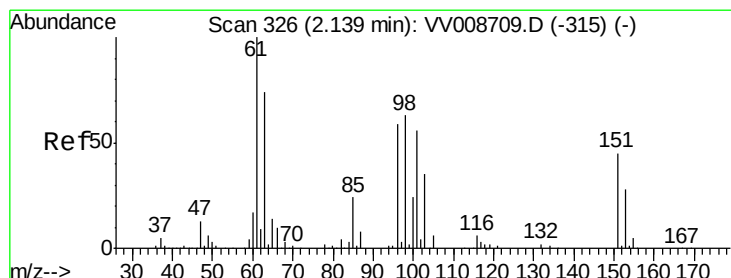
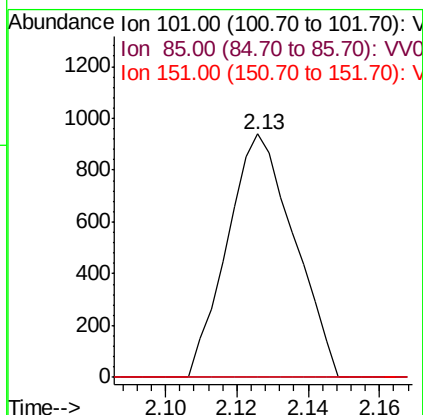
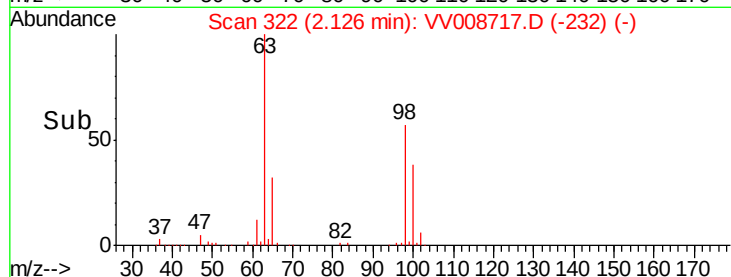
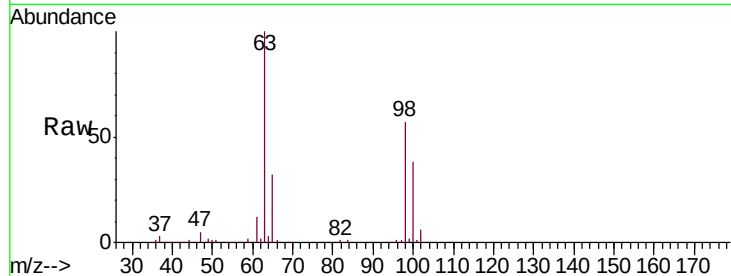
Tgt Ion: 101 Resp: 1217

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 63.8 95.8#



#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

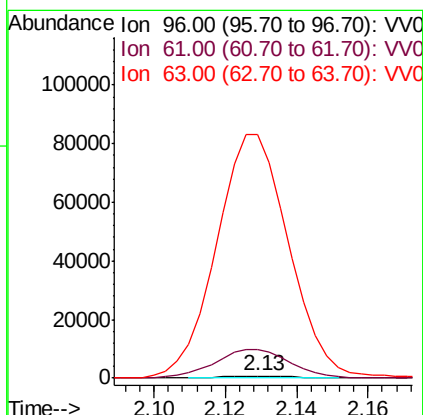
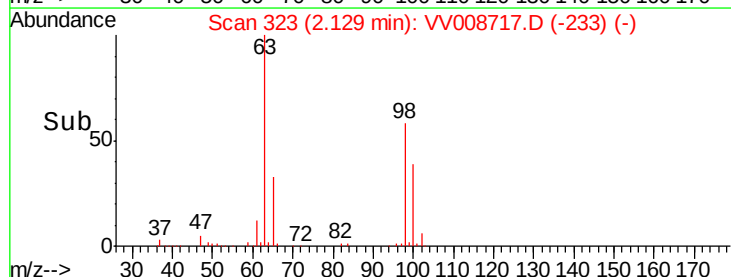
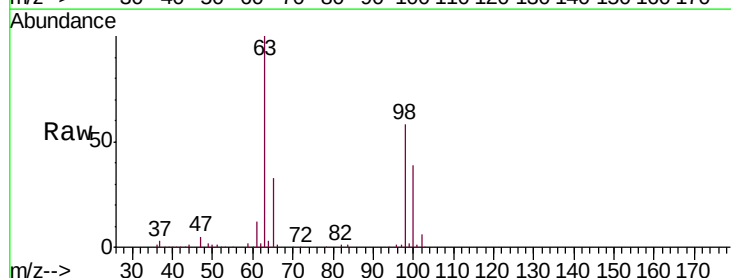
Tgt Ion: 96 Resp: 934

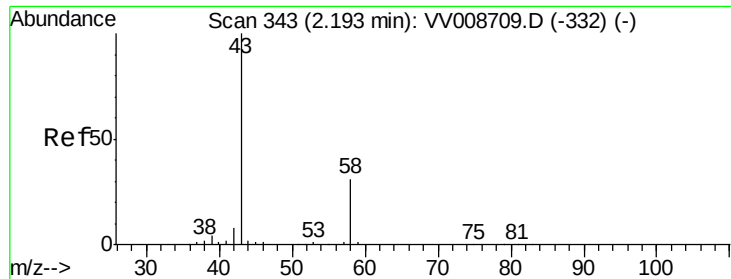
Ion Ratio Lower Upper

96 100

61 1439.4 120.3 223.3#

63 12298.7 113.3 210.5#





#13

Acetone

Concen: 3.838 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Instrument :

MSVOA_V

ClientSampleId :

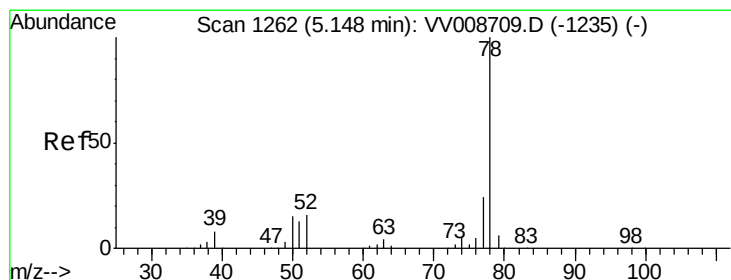
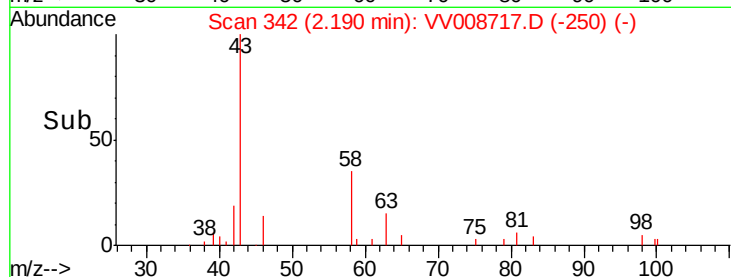
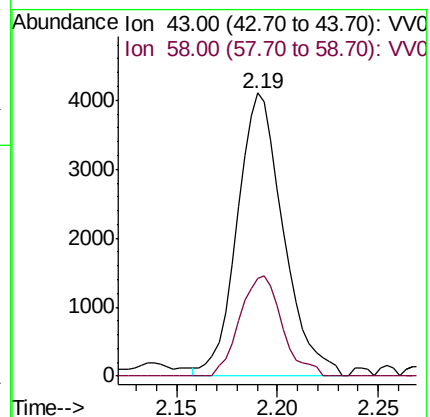
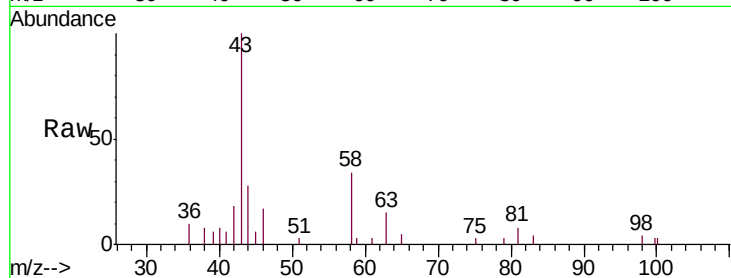
C0923DL

Tgt Ion: 43 Resp: 6581

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.8



#33

Benzene

Concen: 7.907 ug/L

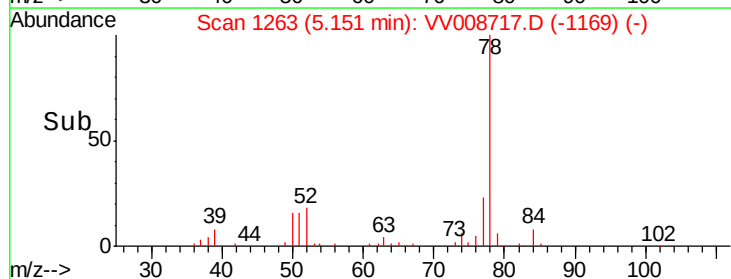
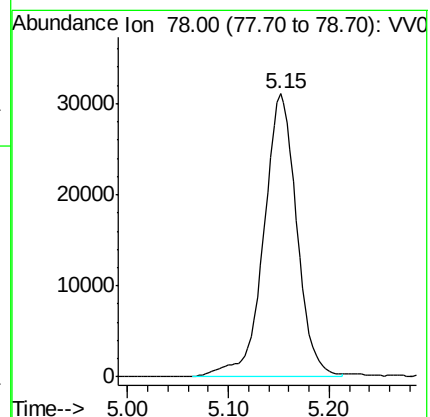
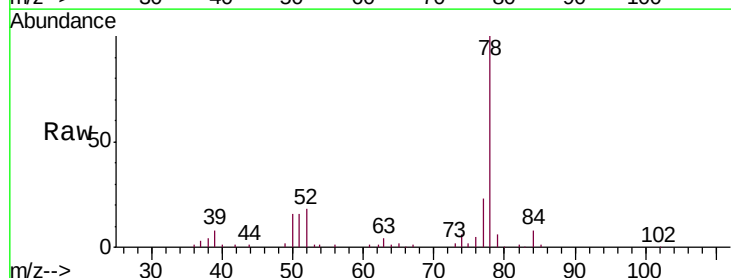
RT: 5.15 min Scan# 1263

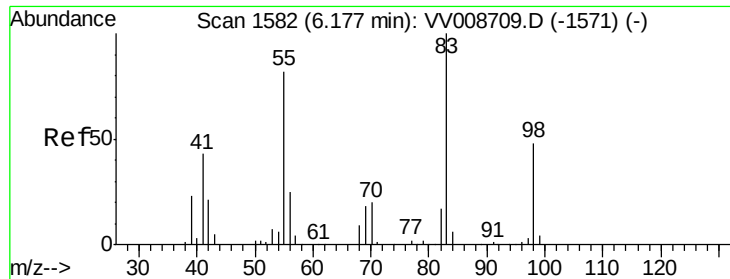
Delta R.T. 0.00 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Tgt Ion: 78 Resp: 70821

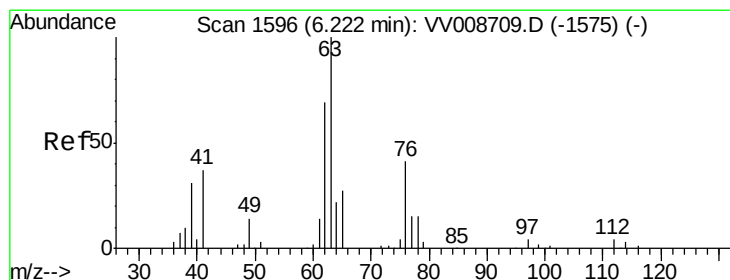
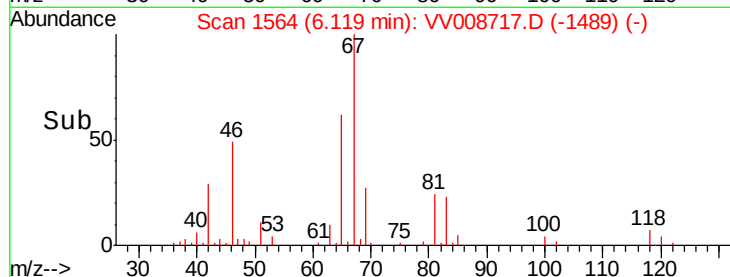
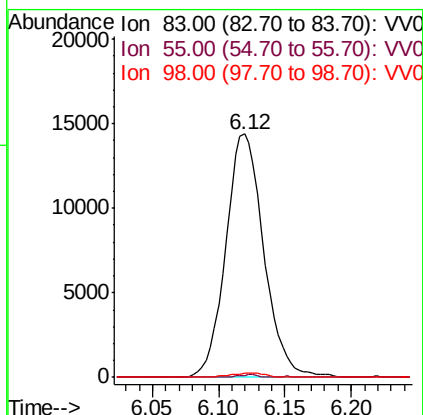
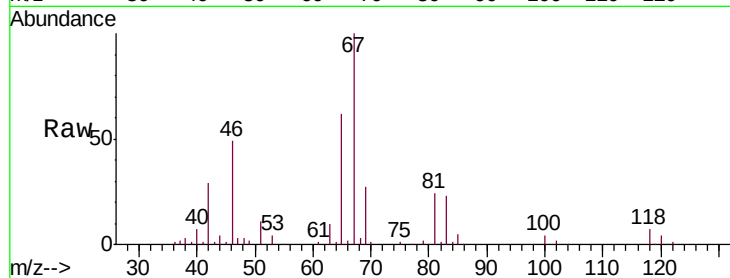




#35
Methylcyclohexane
Concen: 7.319 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008717.D
Acq: 26 Nov 2018 16:08

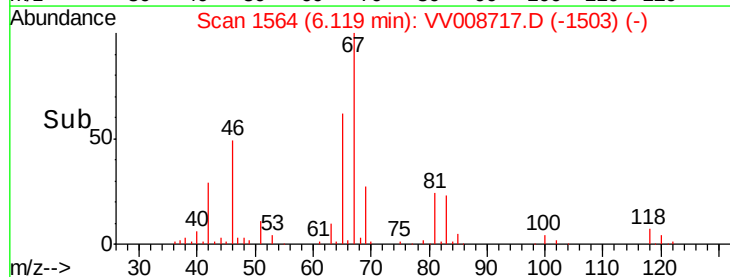
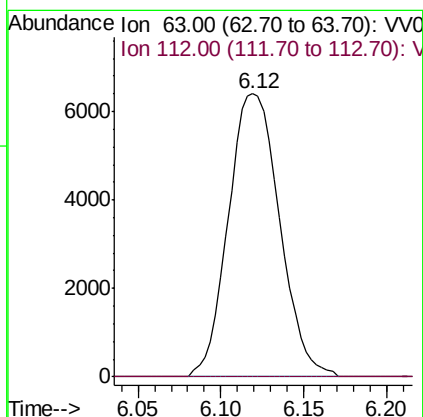
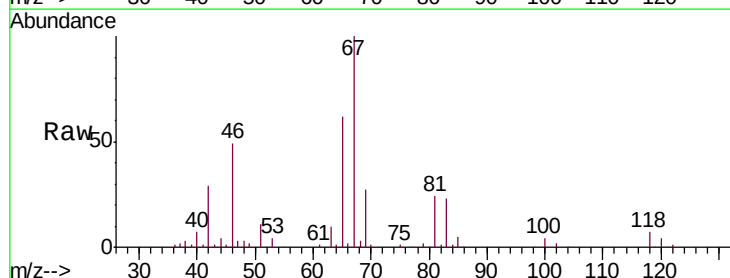
Instrument :
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C0923DL

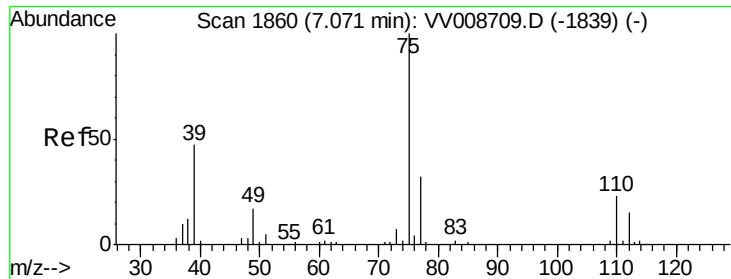
Tgt Ion: 83 Resp: 28684
Ion Ratio Lower Upper
83 100
55 0.3 63.0 94.6#
98 1.6 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 5.680 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008717.D
Acq: 26 Nov 2018 16:08

Tgt Ion: 63 Resp: 13741
Ion Ratio Lower Upper
63 100
112 0.0 1.6 2.4#

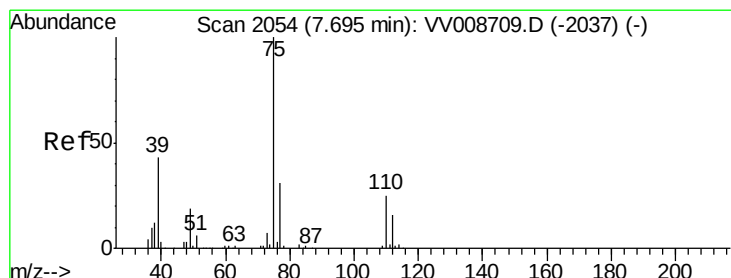
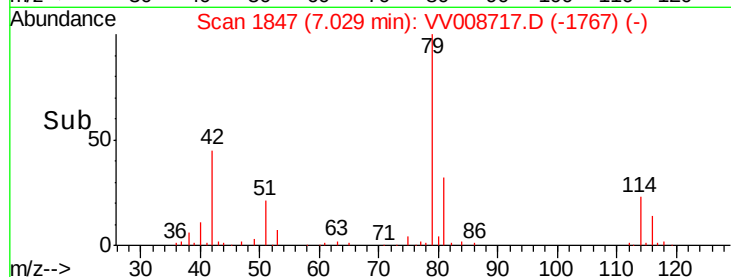
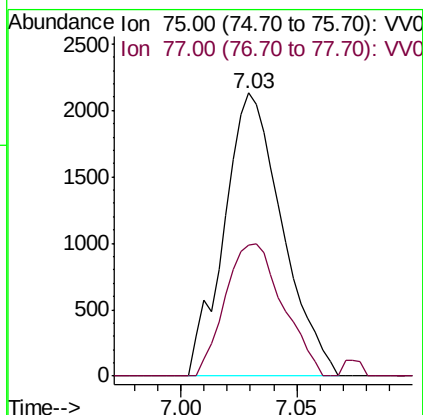
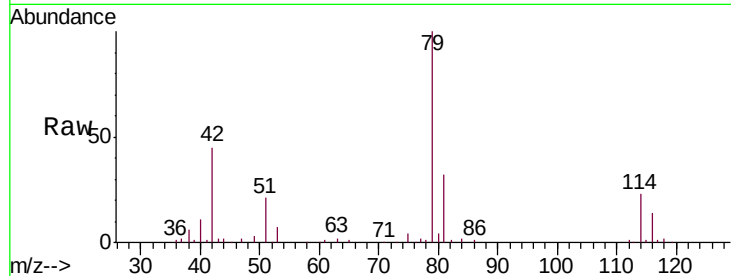




#39
 cis-1,3-Dichloropropene
 Concen: 1.079 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

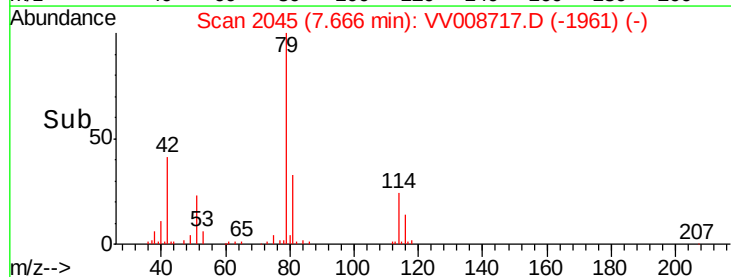
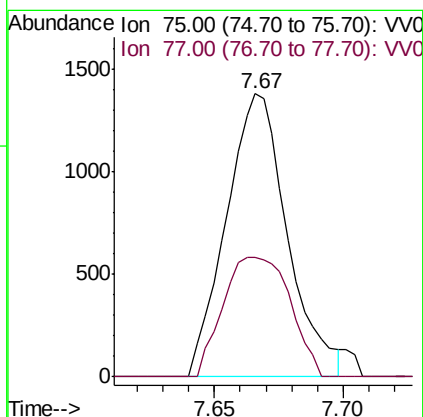
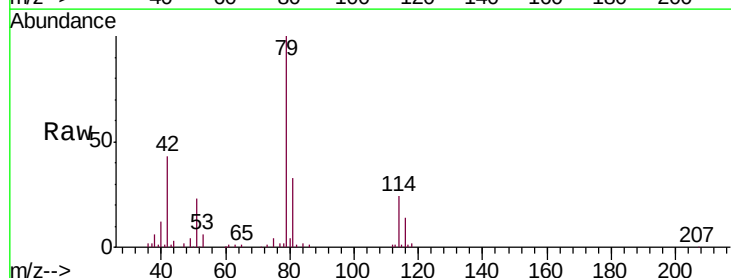
Instrument :
 MSVOA_V
 ClientSampleId :
 C0923DL

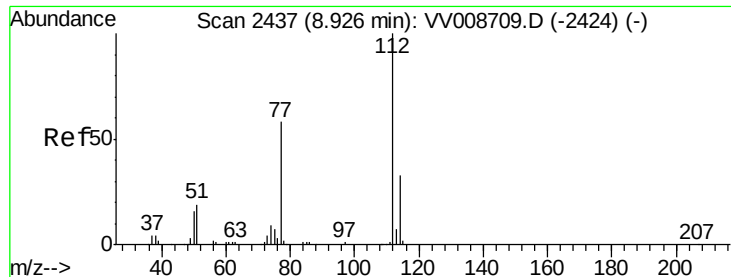
Tgt Ion: 75 Resp: 3709
 Ion Ratio Lower Upper
 75 100
 77 46.5 20.2 37.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.730 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

Tgt Ion: 75 Resp: 2282
 Ion Ratio Lower Upper
 75 100
 77 42.1 24.6 45.8





#51

Chlorobenzene

Concen: 104.646 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0923DL

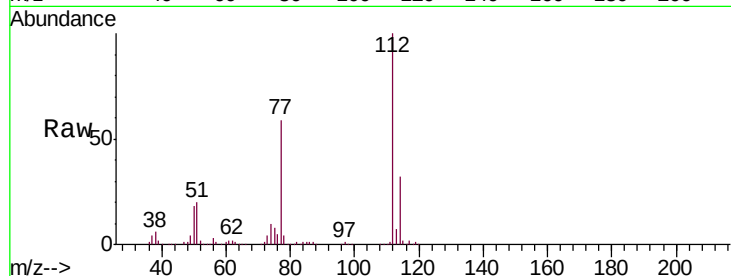
Tgt Ion: 112 Resp: 620128

Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

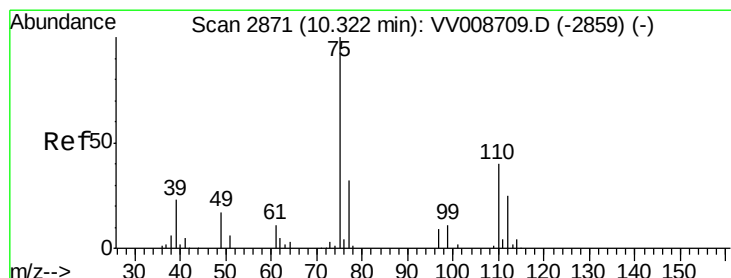
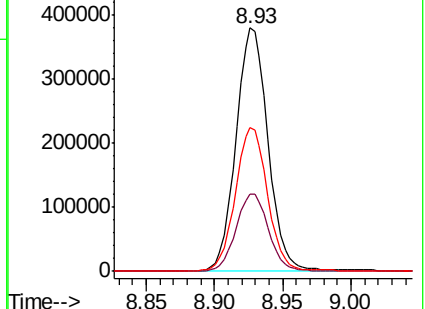
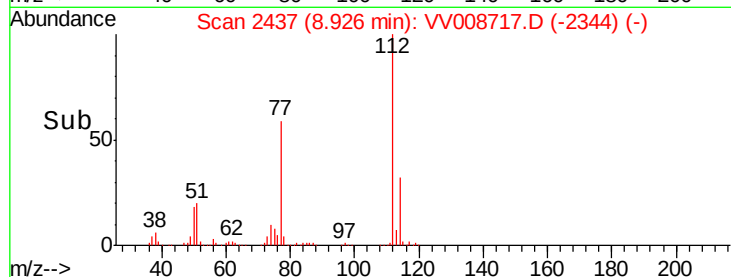
77 59.3 53.8 80.6



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): V



#59

1,2,3-Trichloropropane

Concen: 4.168 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV008717.D

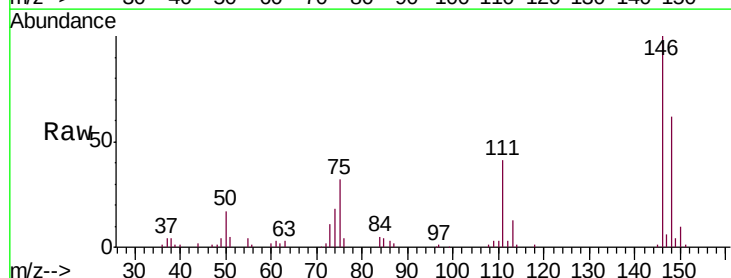
Acq: 26 Nov 2018 16:08

Tgt Ion: 75 Resp: 12773

Ion Ratio Lower Upper

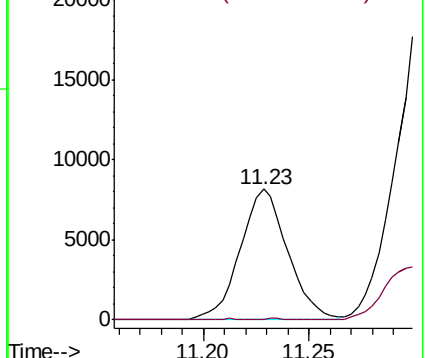
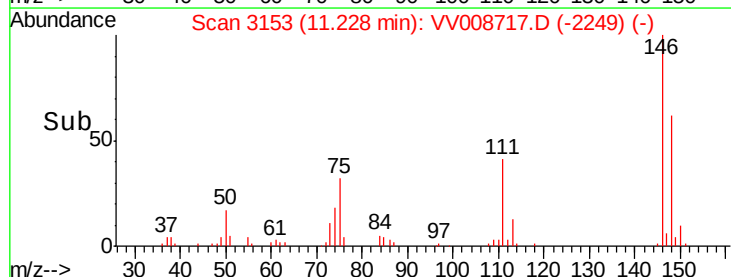
75 100

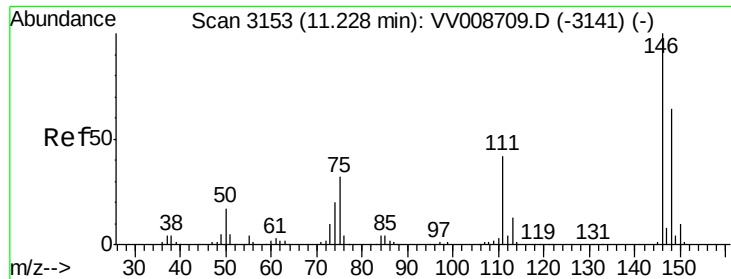
77 0.3 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

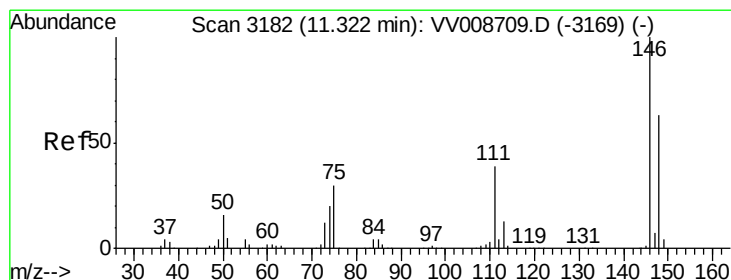
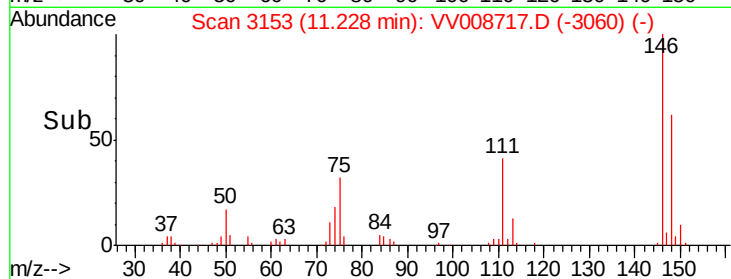
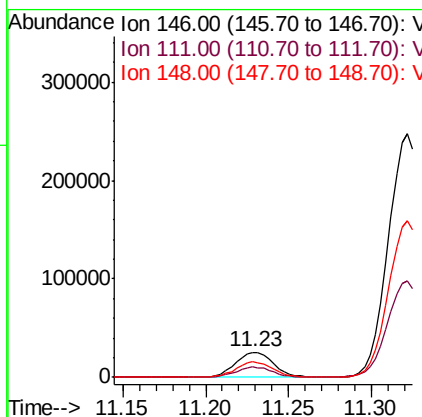
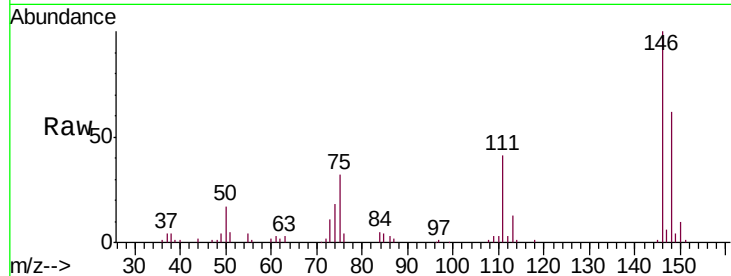




#62
 1,3-Dichlorobenzene
 Concen: 9.504 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

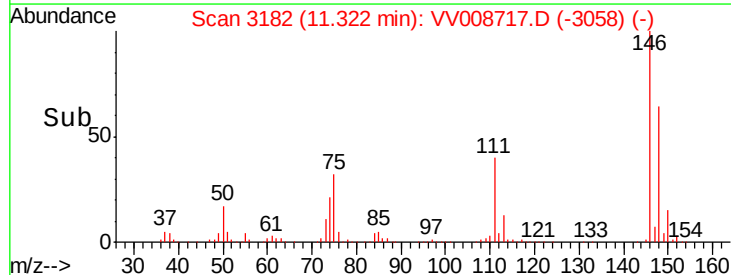
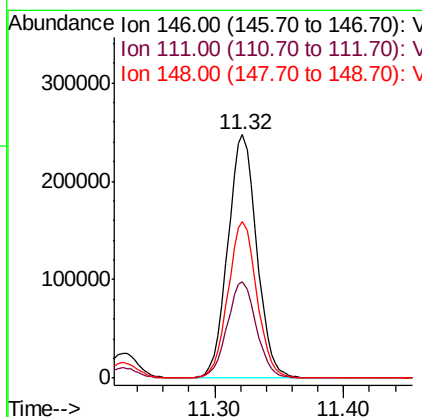
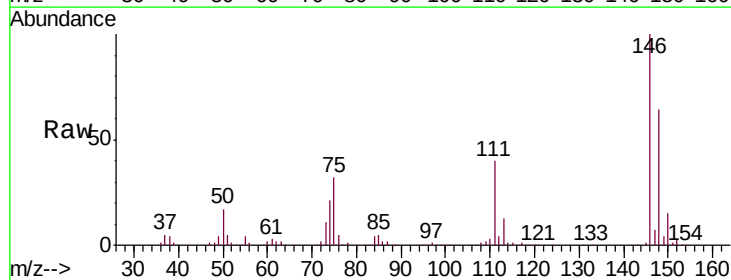
Instrument :
 MSVOA_V
 ClientSampleId :
 C0923DL

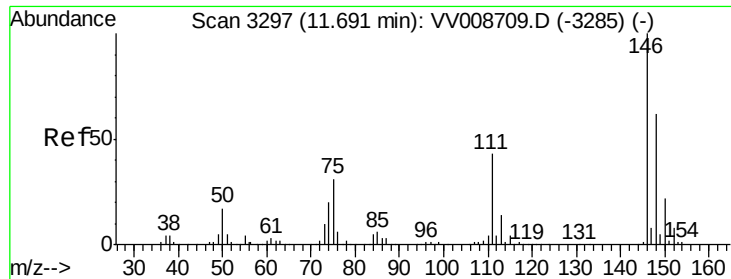
Tgt Ion:146 Resp: 40326
 Ion Ratio Lower Upper
 146 100
 111 41.4 27.9 51.7
 148 61.8 42.7 79.3



#63
 1,4-Dichlorobenzene
 Concen: 88.666 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

Tgt Ion:146 Resp: 383413
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.7 51.5
 148 64.5 46.4 86.2





#65

1,2-Dichlorobenzene

Concen: 141.815 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Instrument :

MSVOA_V

ClientSampleId :

C0923DL

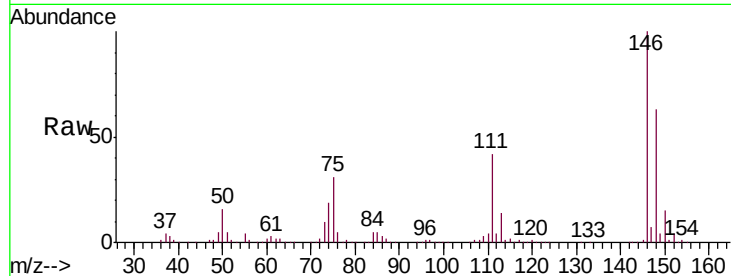
Tgt Ion:146 Resp: 621074

Ion Ratio Lower Upper

146 100

111 42.3 36.5 54.7

148 63.0 48.7 73.1

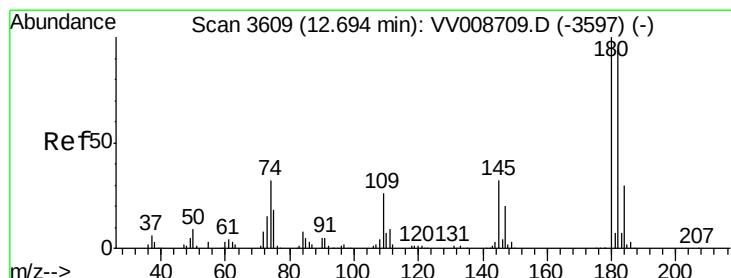
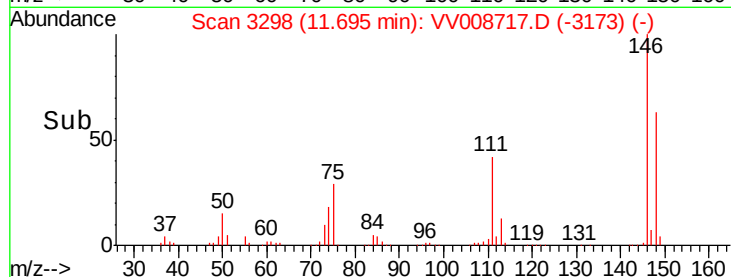
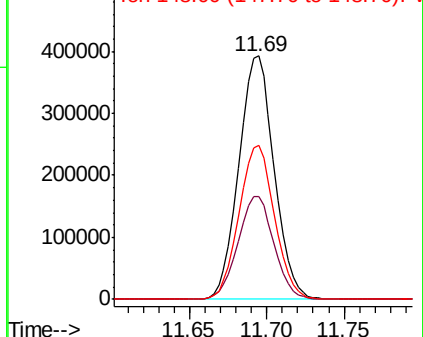


Abundance

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



#67

1,3,5-Trichlorobenzene

Concen: 26.593 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. 0.62 min

Lab File: VV008717.D

Acq: 26 Nov 2018 16:08

Tgt Ion:180 Resp: 78558

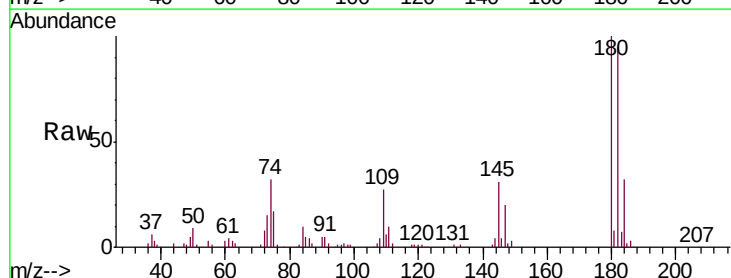
Ion Ratio Lower Upper

180 100

182 92.6 73.2 109.8

184 30.2 23.6 35.4

145 30.7 26.6 39.8



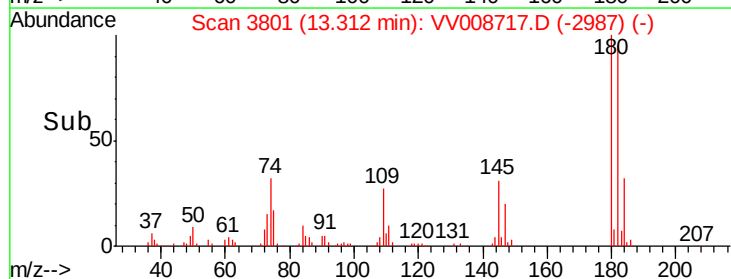
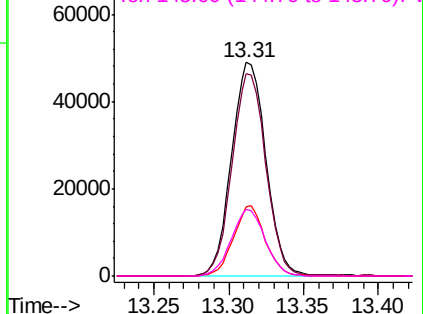
Abundance

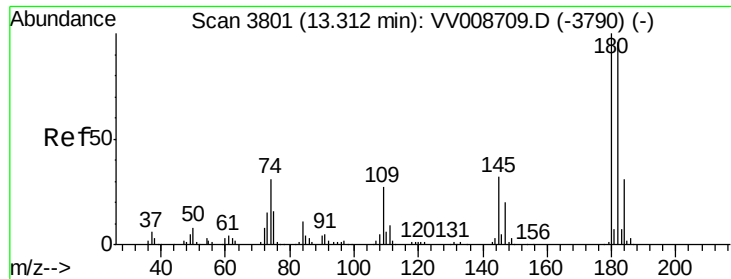
Ion 180.00 (179.70 to 180.70): V

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

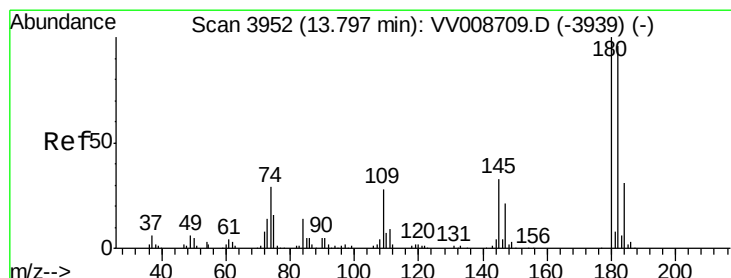
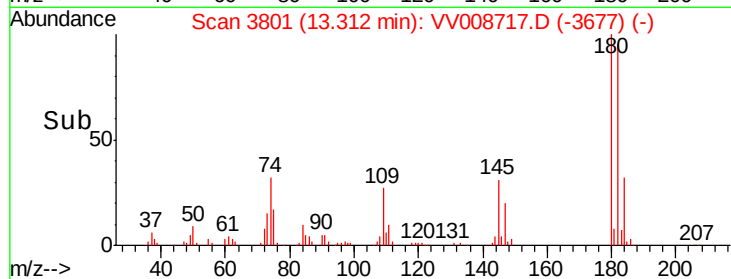
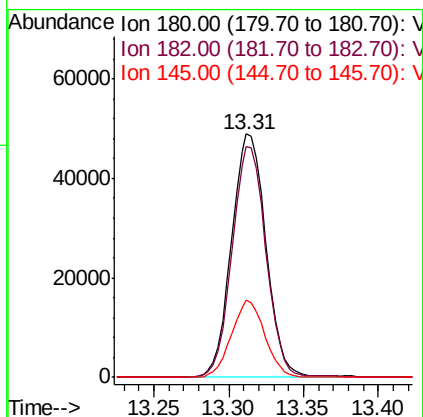
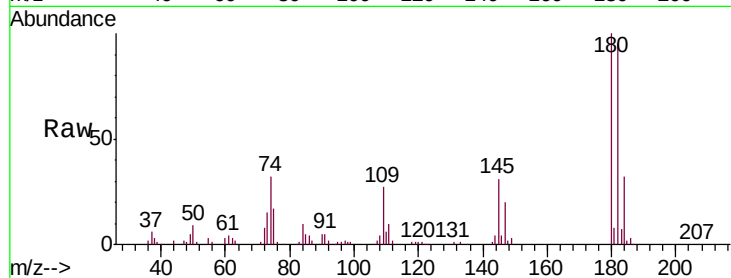




#68
 1,2,4-trichlorobenzene
 Concen: 35.044 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923DL

Tgt Ion:180 Resp: 78558
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.7 113.5
 145 30.7 28.0 42.0



#70
 1,2,3-Trichlorobenzene
 Concen: 11.424 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008717.D
 Acq: 26 Nov 2018 16:08

Tgt Ion:180 Resp: 26333
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 31.0 28.9 43.3

