

Data File : VV008723.D
Acq On : 26 Nov 2018 19:50
Operator : SY/MD
Sample : J6036-05DL 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0928DL

Quant Time: Nov 27 03:15:33 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	287850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	264015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82738	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.57	69	61588	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.04%
11) 1,1-Dichloroethene-d2	2.13	63	114444	34.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.30%
21) 2-Butanone-d5	3.93	46	151192	91.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.35%
24) Chloroform-d	4.41	84	185383	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.09	65	122546	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.10	84	388361	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.12	67	122842	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.36	98	349708	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%
43) trans-1,3-Dichloropropene-	7.67	79	51558	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.13	63	96719	83.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	152043	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	125526	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1066	0.378	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1066	0.655	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1044	0.714	ug/L #	1
31) Carbon tetrachloride	4.88	117	1019	0.376	ug/L #	42
33) Benzene	5.15	78	177962	20.966	ug/L	100
37) 1,2-Dichloropropane	6.12	63	13667	5.961	ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3423	1.051	ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	2396	0.808	ug/L	95
51) Chlorobenzene	8.93	112	954040	169.881	ug/L	92
59) 1,2,3-Trichloropropane	11.23	75	8918	3.071	ug/L #	42
62) 1,3-Dichlorobenzene	11.23	146	29594	7.675	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	273741	69.655	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	390627	98.144	ug/L	96
67) 1,3,5-Trichlorobenzene	13.31	180	17419	6.488	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	17419	8.550	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	3804	1.816	ug/L	96

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

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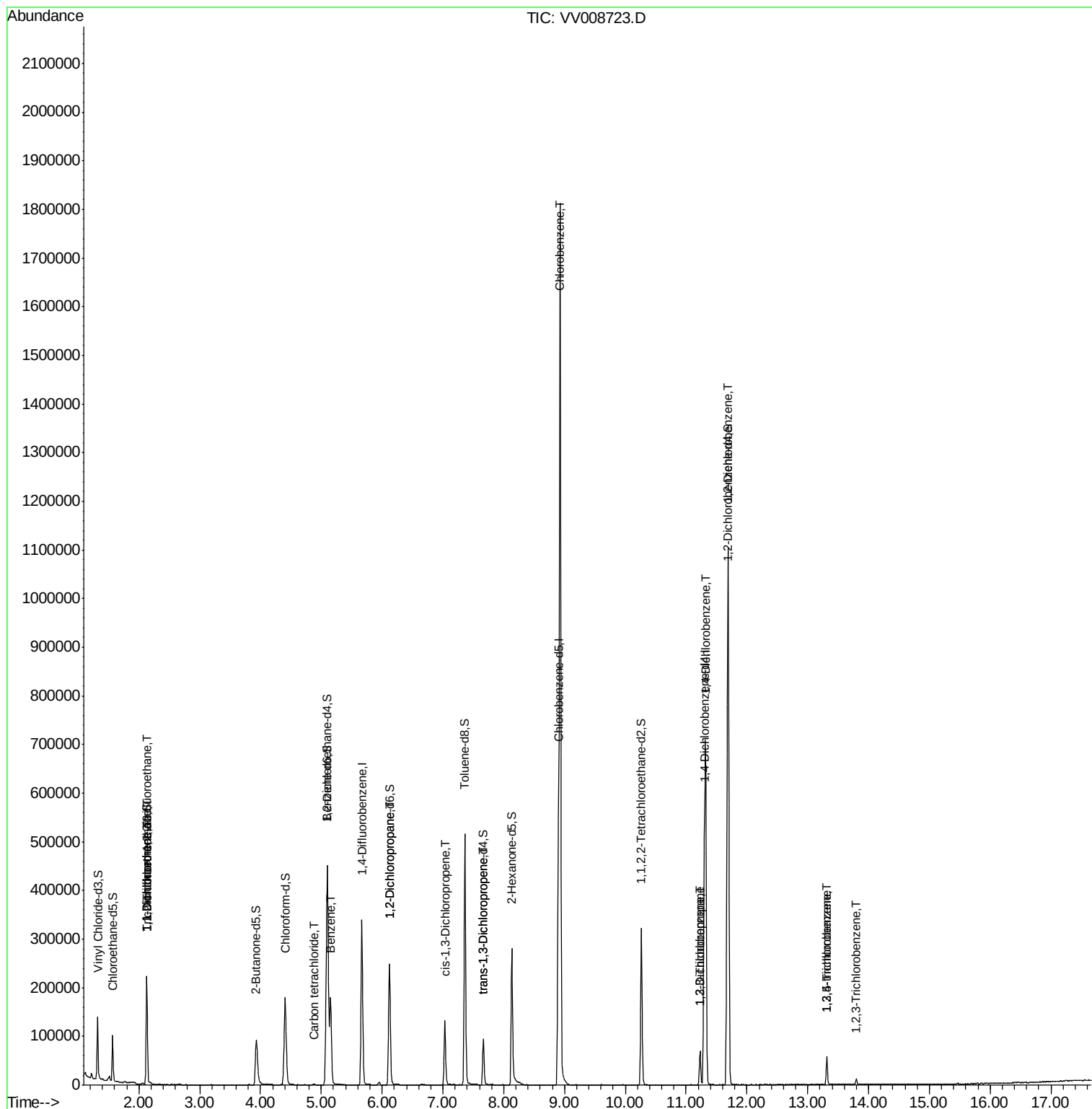
(#) = qualifier out of range (m) = manual integration (+) = signals summed

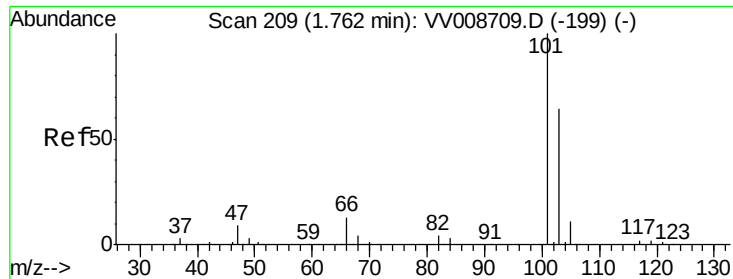
Data File : VV008723.D

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Acq On       : 26 Nov 2018   19:50
Operator     : SY/MD
Sample       : J6036-05DL 200X
Misc         : 5.0 mL/MSVOA_V/WATER
ALS Vial     : 17   Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
C0928DL

Quant Time: Nov 27 03:15:33 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





#9

Trichlorofluoromethane

Concen: 0.378 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.37 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Instrument :

MSVOA_V

ClientSampleId :

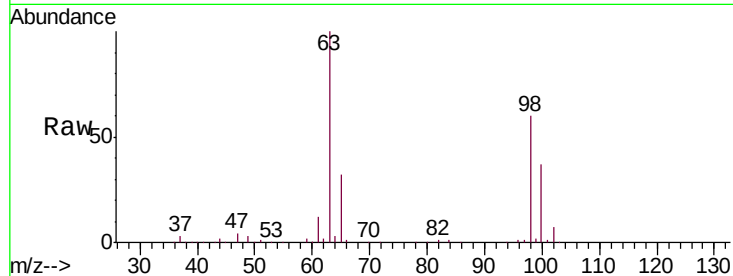
C0928DL

Tgt Ion:101 Resp: 1066

Ion Ratio Lower Upper

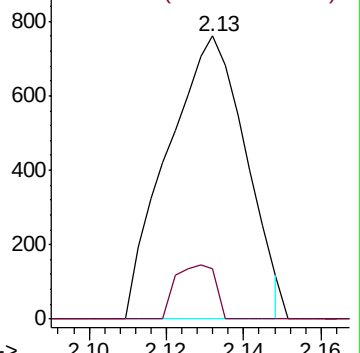
101 100

103 9.8 50.2 75.4#

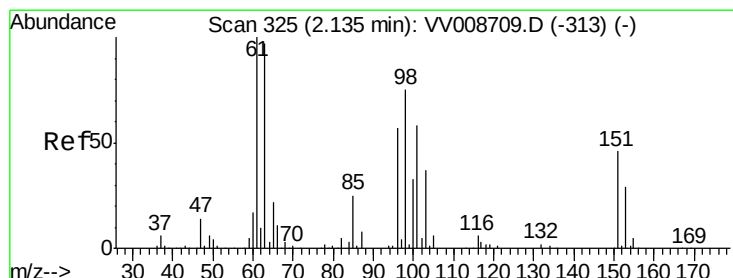
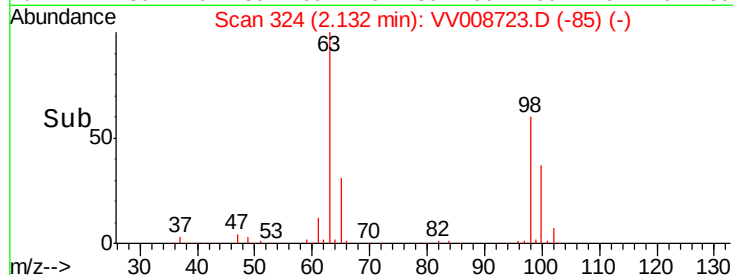


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.655 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

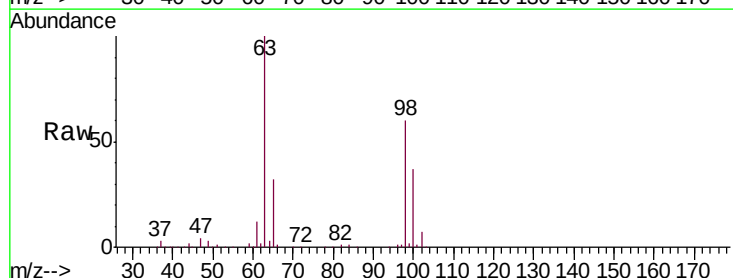
Tgt Ion:101 Resp: 1066

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

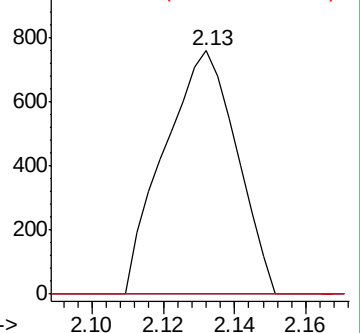
151 0.0 63.8 95.8#



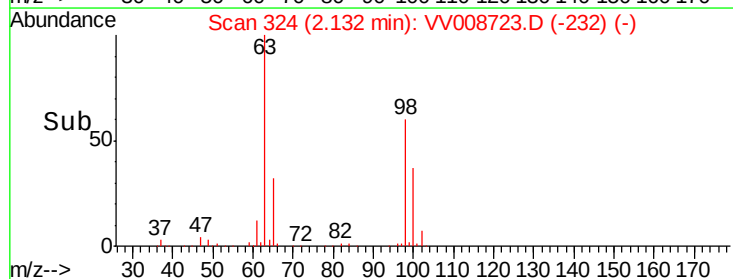
Abundance Ion 101.00 (100.70 to 101.70): V

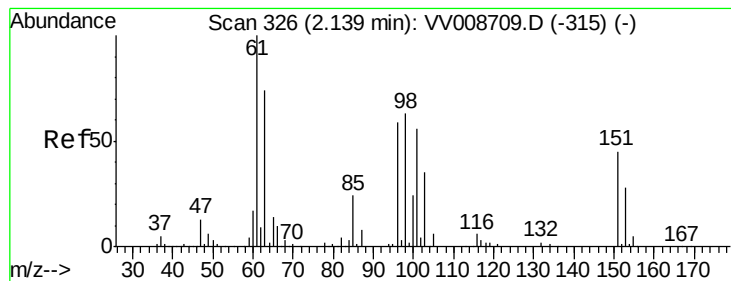
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 0.714 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Instrument :

MSVOA_V

ClientSampled :

C0928DL

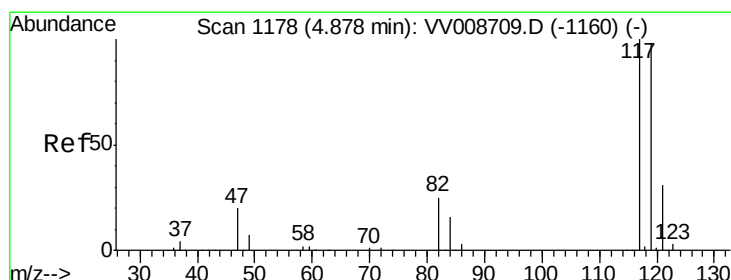
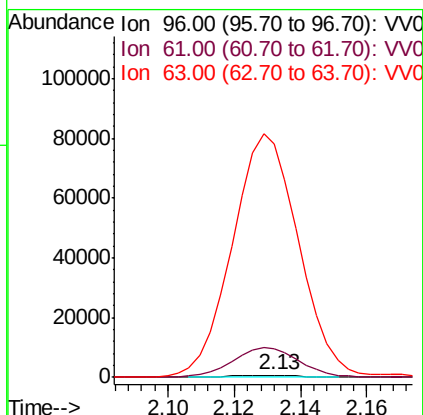
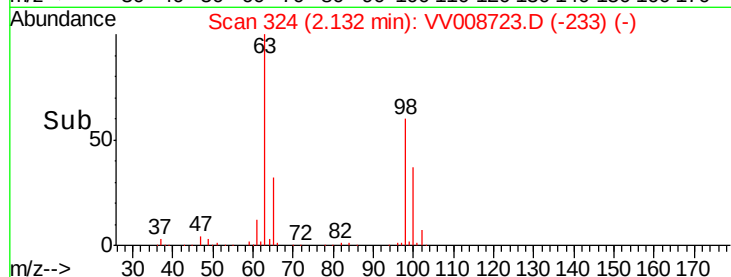
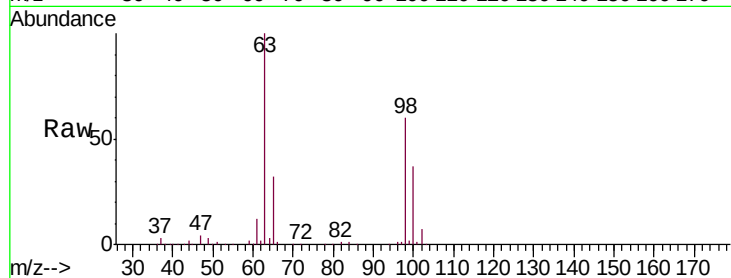
Tgt Ion: 96 Resp: 1044

Ion Ratio Lower Upper

96 100

61 1355.8 120.3 223.3#

63 11106.7 113.3 210.5#



#31

Carbon tetrachloride

Concen: 0.376 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008723.D

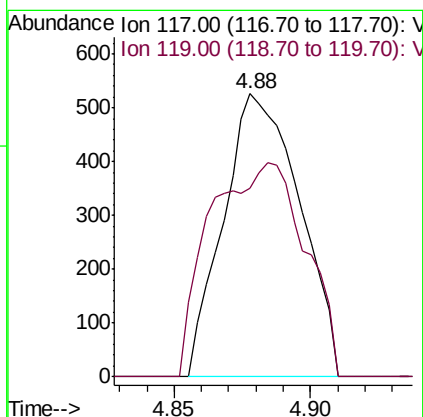
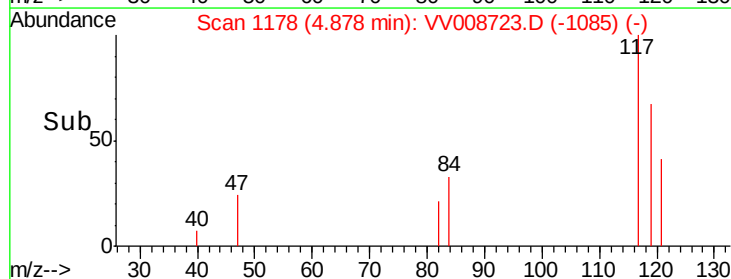
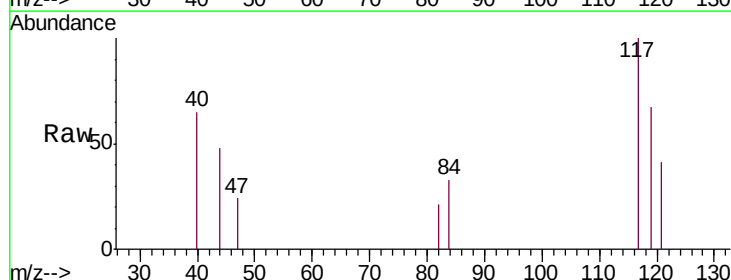
Acq: 26 Nov 2018 19:50

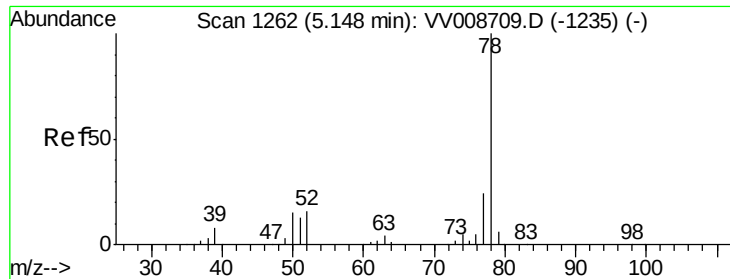
Tgt Ion: 117 Resp: 1019

Ion Ratio Lower Upper

117 100

119 38.3 75.6 113.4#





#33

Benzene

Concen: 20.966 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

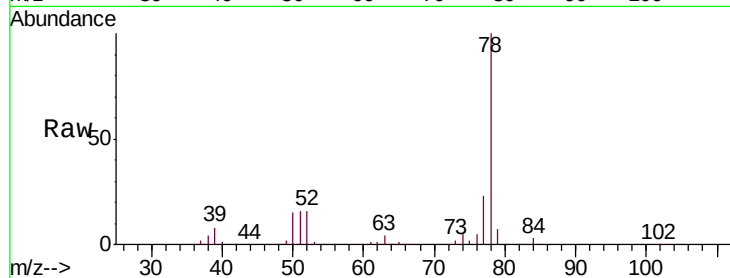
Instrument :

MSVOA_V

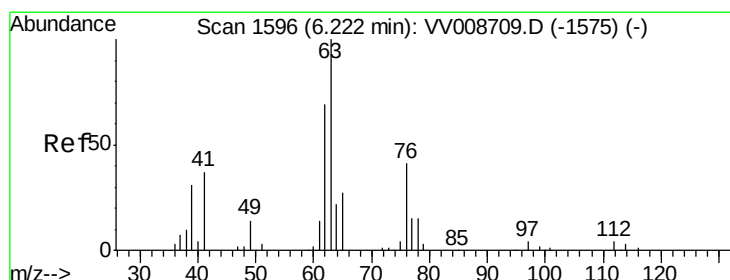
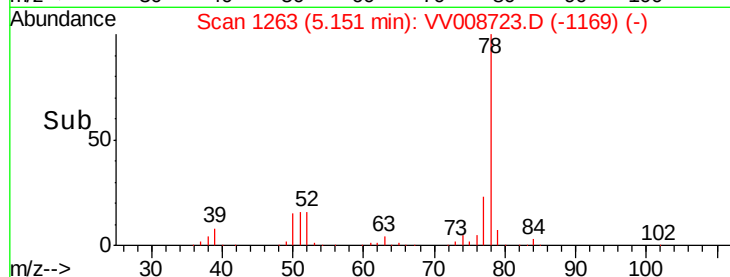
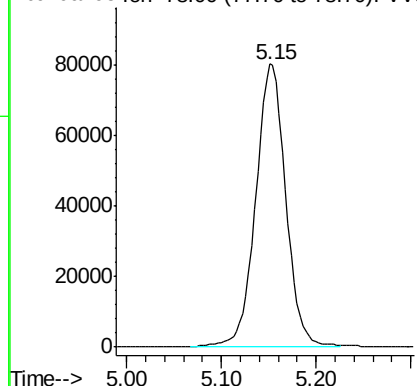
ClientSampleId :

C0928DL

Tgt Ion: 78 Resp: 177962



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 5.961 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008723.D

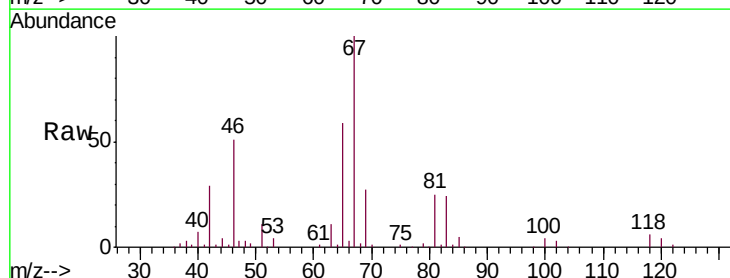
Acq: 26 Nov 2018 19:50

Tgt Ion: 63 Resp: 13667

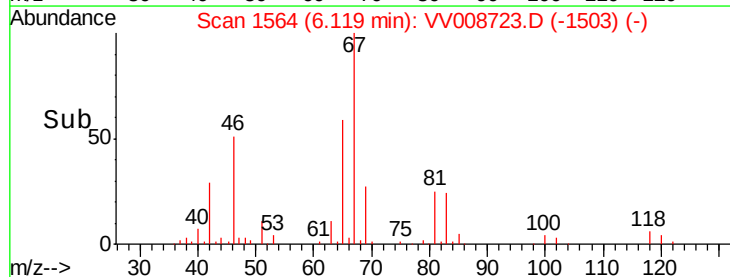
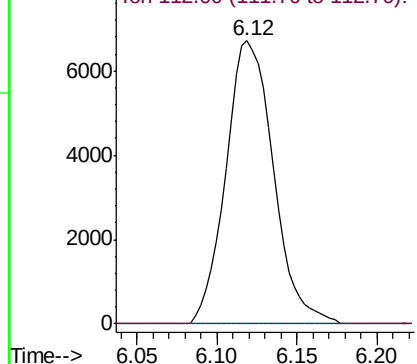
Ion Ratio Lower Upper

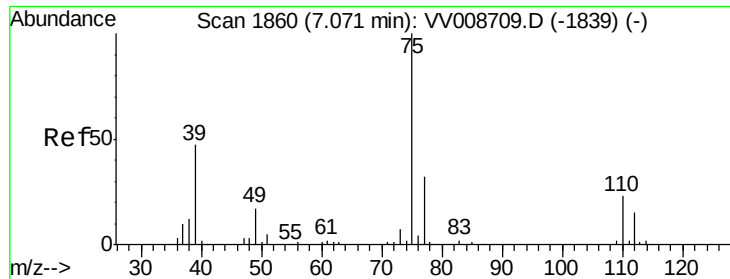
63 100

112 0.0 1.6 2.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

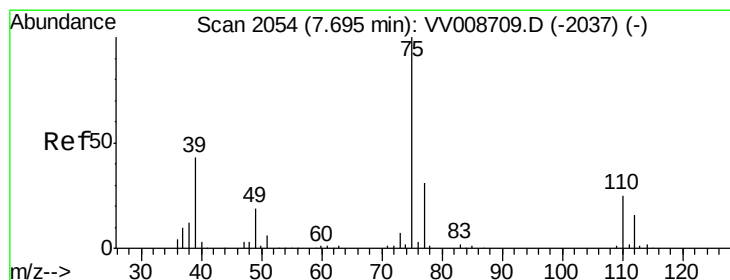
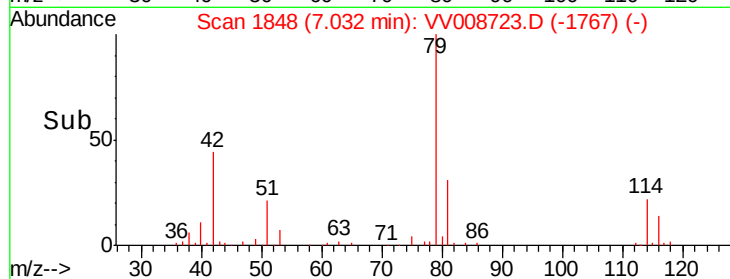
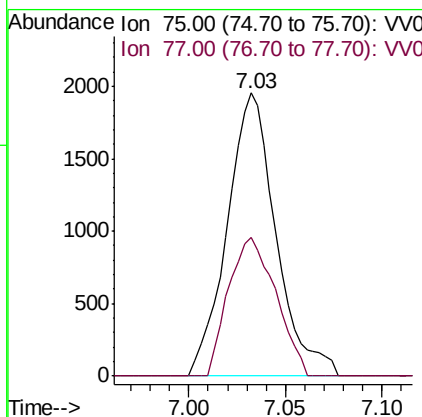
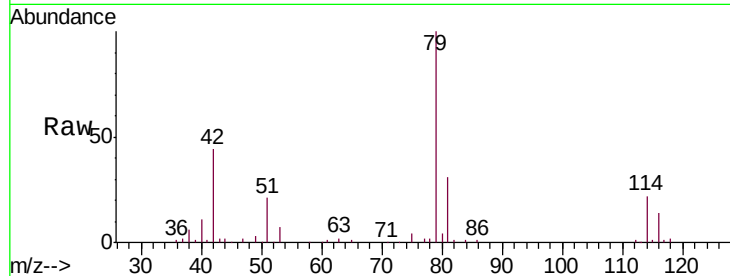




#39
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

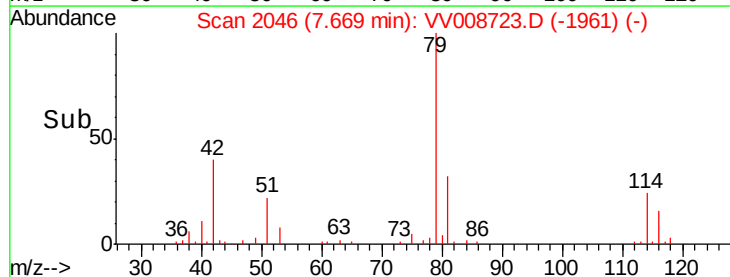
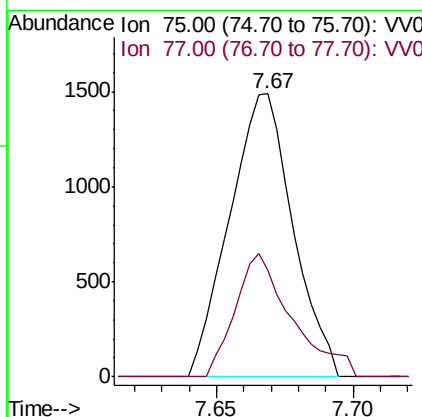
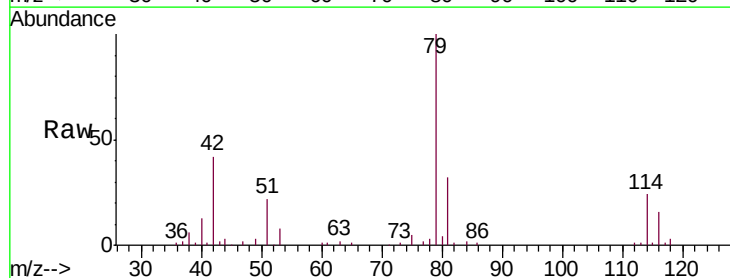
Instrument :
 MSVOA_V
 ClientSampleId :
 C0928DL

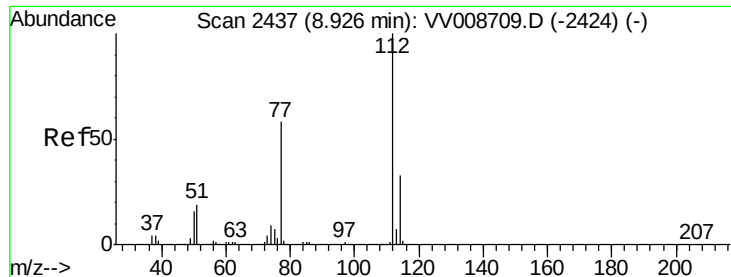
Tgt Ion: 75 Resp: 3423
 Ion Ratio Lower Upper
 75 100
 77 49.1 20.2 37.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.808 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Tgt Ion: 75 Resp: 2396
 Ion Ratio Lower Upper
 75 100
 77 37.9 24.6 45.8





#51

Chlorobenzene

Concen: 169.881 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Instrument :

MSVOA_V

ClientSampleId :

C0928DL

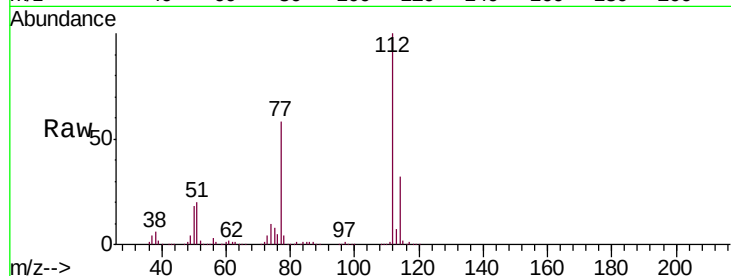
Tgt Ion: 112 Resp: 954040

Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

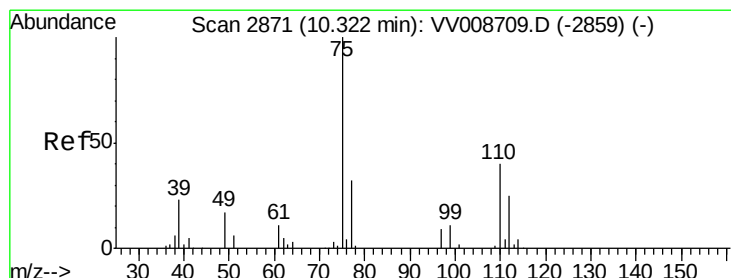
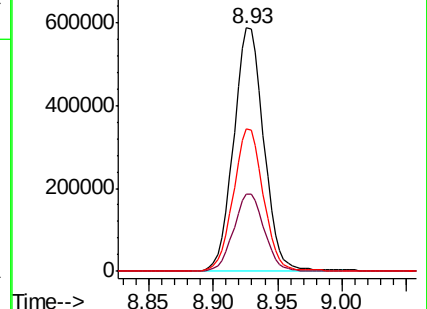
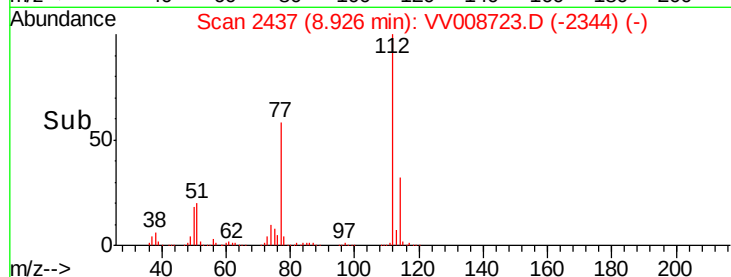
77 58.4 53.8 80.6



Abundance Ion 112.00 (111.70 to 112.70): VV008709.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV008709.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-2424) (-)



#59

1,2,3-Trichloropropane

Concen: 3.071 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV008723.D

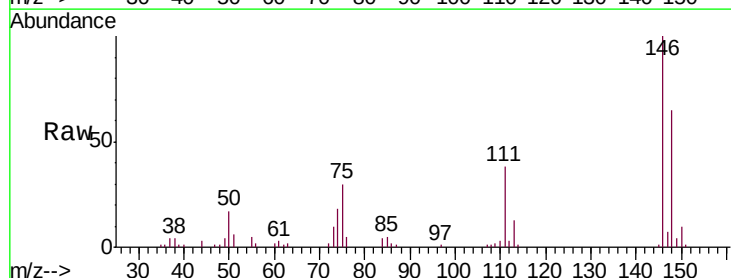
Acq: 26 Nov 2018 19:50

Tgt Ion: 75 Resp: 8918

Ion Ratio Lower Upper

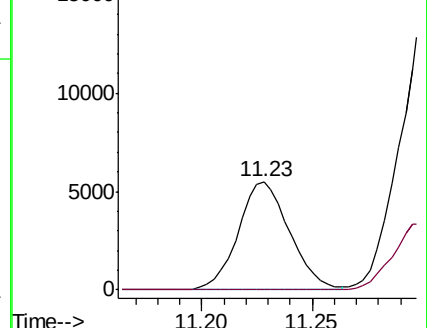
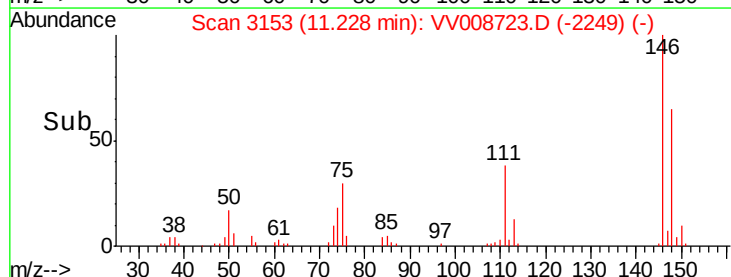
75 100

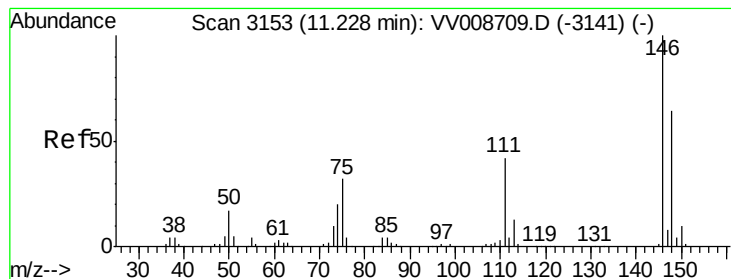
77 0.0 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-2859) (-)





#62

1,3-Dichlorobenzene

Concen: 7.675 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Instrument :

MSVOA_V

ClientSampled :

C0928DL

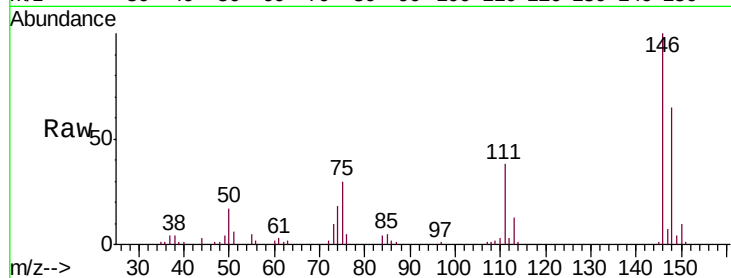
Tgt Ion:146 Resp: 29594

Ion Ratio Lower Upper

146 100

111 38.1 27.9 51.7

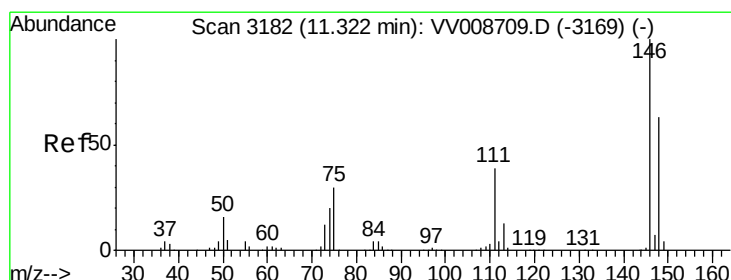
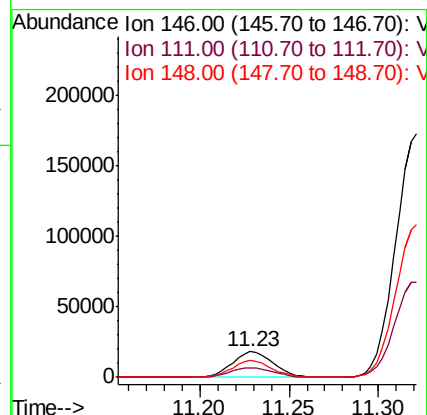
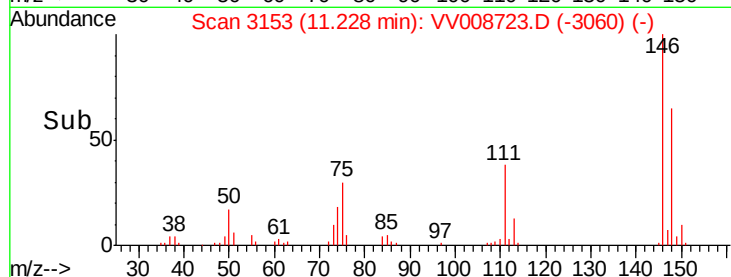
148 65.1 42.7 79.3



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: 69.655 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

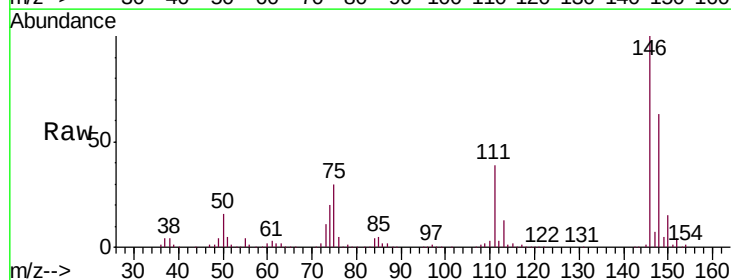
Tgt Ion:146 Resp: 273741

Ion Ratio Lower Upper

146 100

111 39.2 27.7 51.5

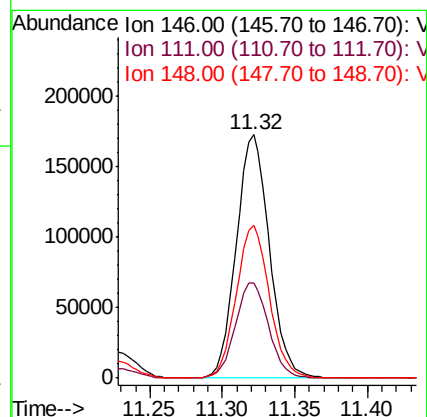
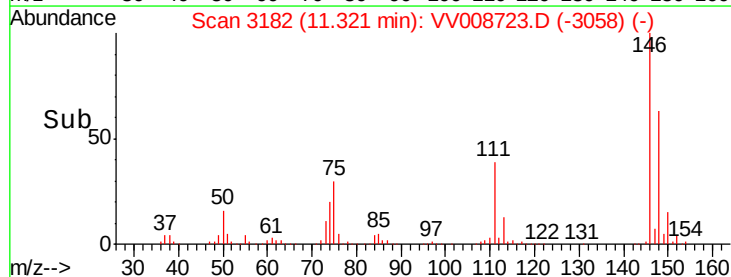
148 62.5 46.4 86.2

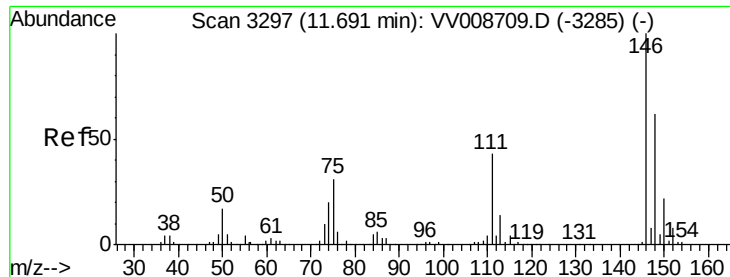


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

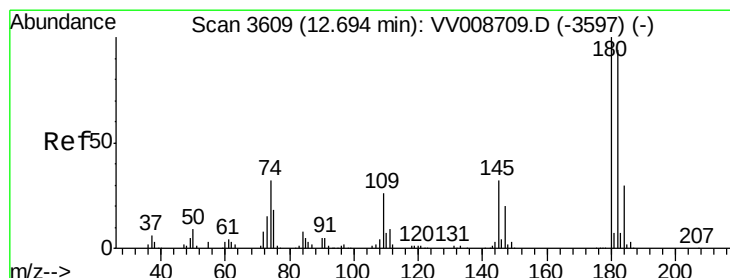
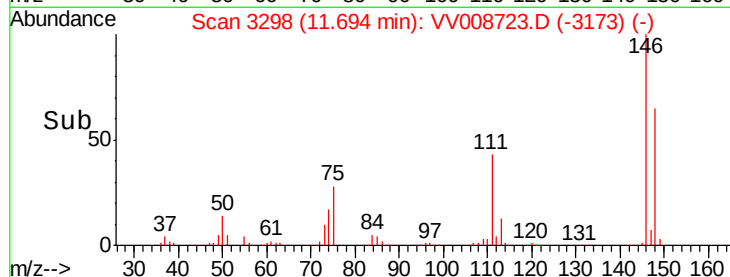
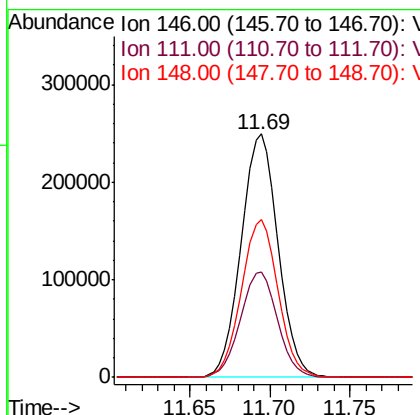
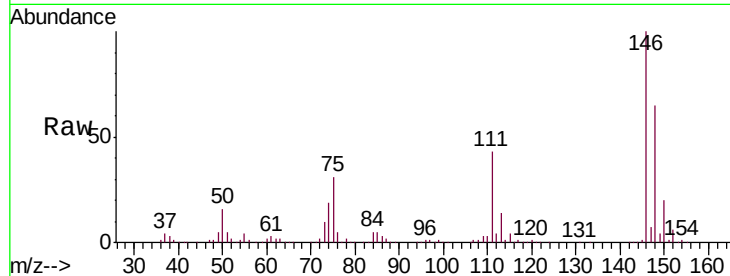




#65
 1,2-Dichlorobenzene
 Concen: 98.144 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

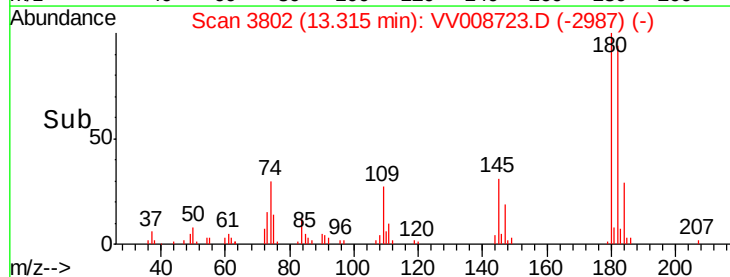
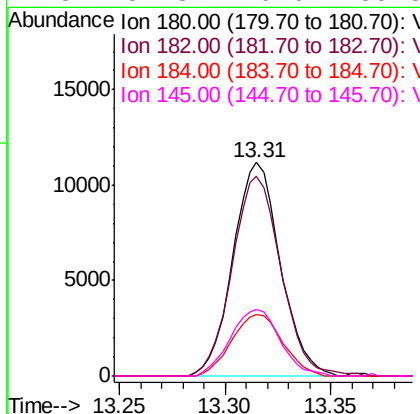
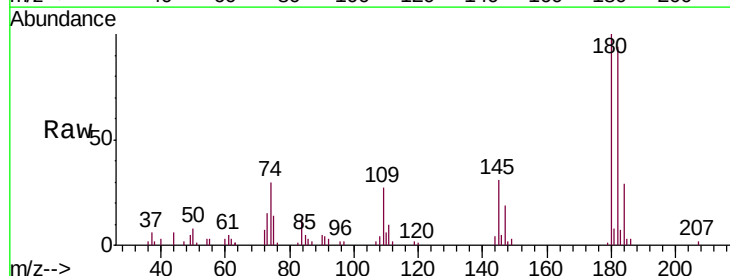
Instrument :
 MSVOA_V
 ClientSampleId :
 C0928DL

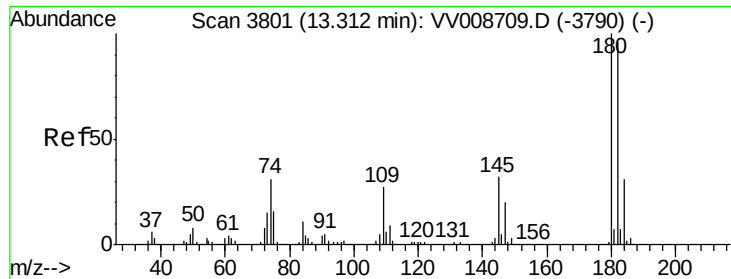
Tgt Ion:146 Resp: 390627
 Ion Ratio Lower Upper
 146 100
 111 43.2 36.5 54.7
 148 64.8 48.7 73.1



#67
 1,3,5-Trichlorobenzene
 Concen: 6.488 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.62 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Tgt Ion:180 Resp: 17419
 Ion Ratio Lower Upper
 180 100
 182 96.3 73.2 109.8
 184 31.0 23.6 35.4
 145 32.8 26.6 39.8

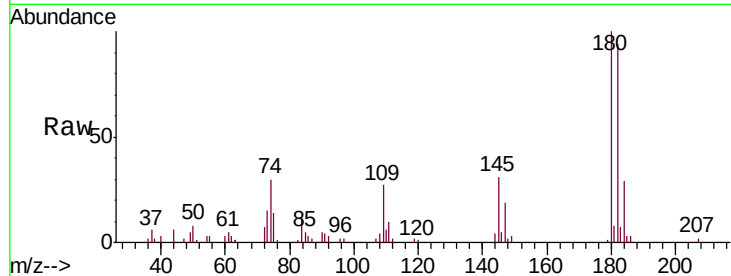




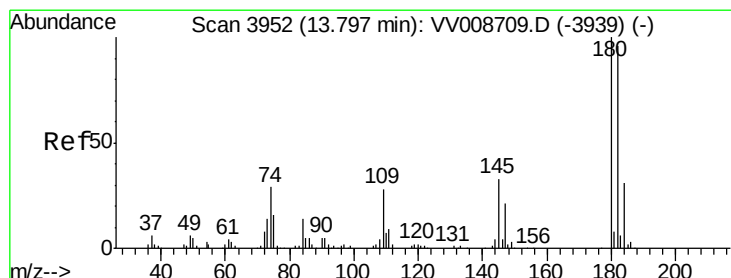
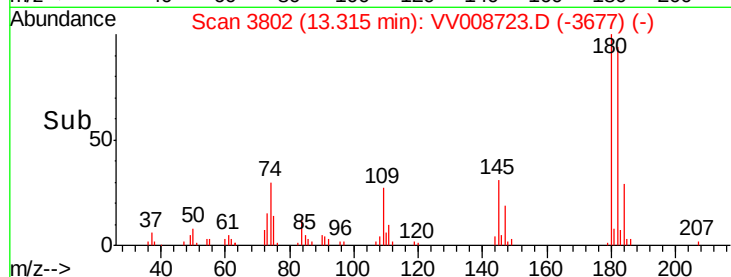
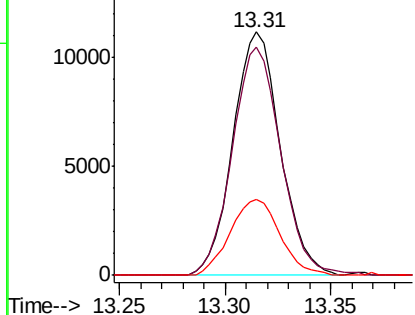
#68
 1,2,4-trichlorobenzene
 Concen: 8.550 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Instrument :
 MSVOA_V
 ClientSampled :
 C0928DL

Tgt Ion:180 Resp: 17419
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.7 113.5
 145 32.8 28.0 42.0

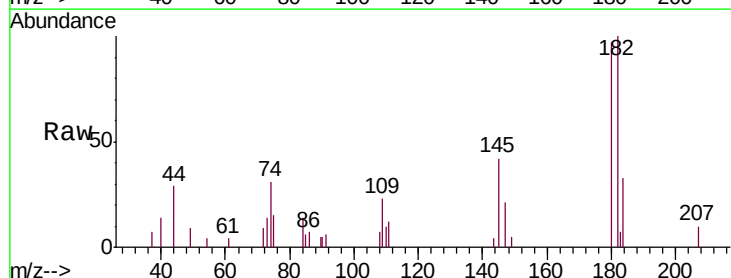


Abundance Ion 180.00 (179.70 to 180.70): V
 15000 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.816 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Tgt Ion:180 Resp: 3804
 Ion Ratio Lower Upper
 180 100
 182 101.6 77.5 116.3
 145 38.1 28.9 43.3



Abundance Ion 180.00 (179.70 to 180.70): V
 3000 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

