

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008672.D
 Acq On : 20 Nov 2018 14:19
 Operator : SY/MD
 Sample : VV1120WBL01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Quant Time: Nov 21 01:35:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266084	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88521	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.58	69	66075	64.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.88%
11) 1,1-Dichloroethene-d2	2.13	63	122537	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
21) 2-Butanone-d5	3.93	46	156280	102.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.15%
24) Chloroform-d	4.40	84	185556	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.08	65	125839	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
32) Benzene-d6	5.10	84	396412	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
36) 1,2-Dichloropropane-d6	6.12	67	123769	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.36	98	349125	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%
43) trans-1,3-Dichloropropene-	7.67	79	50864	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.14	63	103027	96.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.71%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	150198	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	113996	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%

Target Compounds

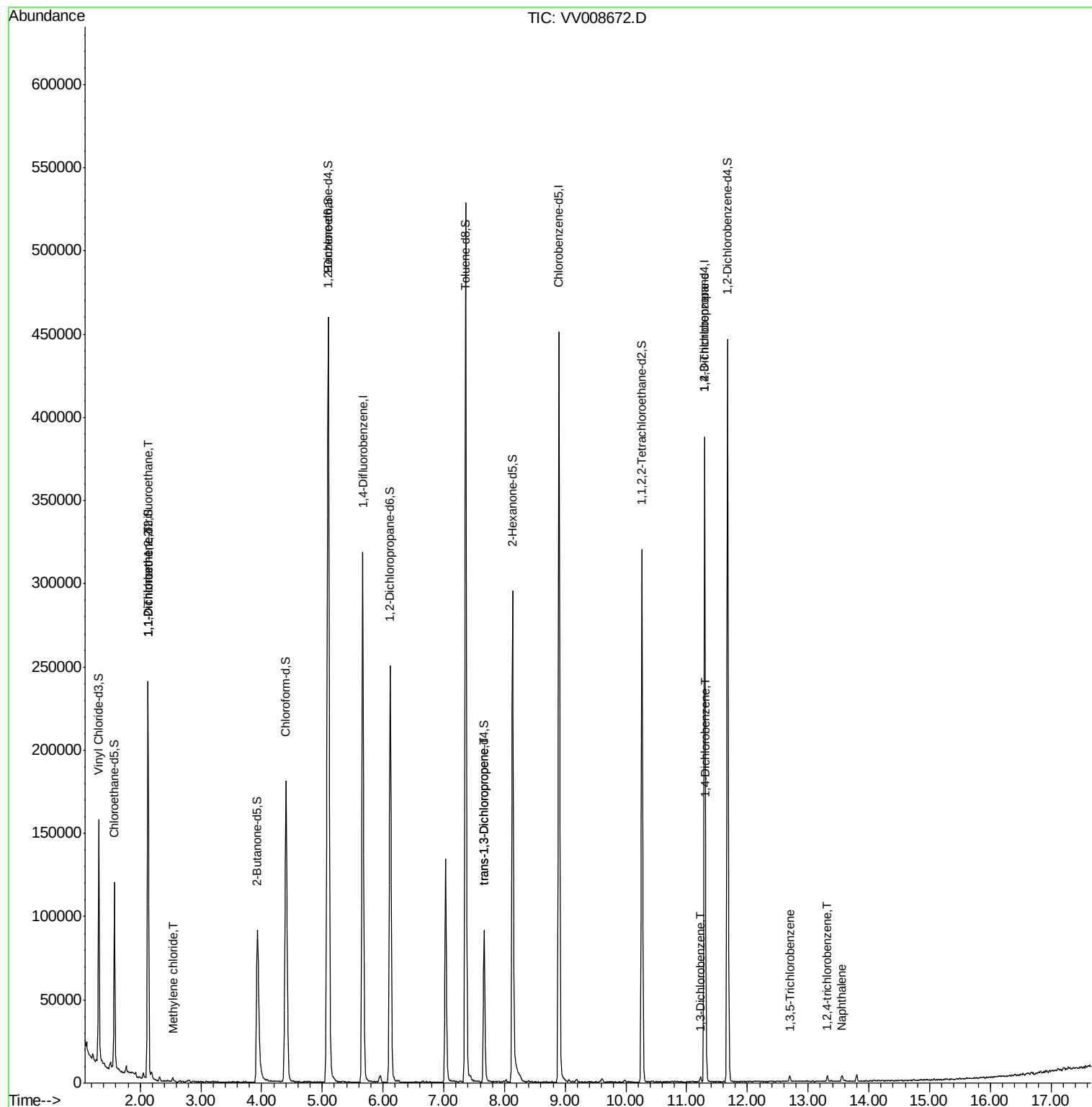
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1519	1.009 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1465	1.084 ug/L #	1
16) Methylene chloride	2.54	84	757	0.362 ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	2537	0.933 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	12200	4.578 ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	1578	0.474 ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	2066	0.609 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	1505	0.649 ug/L #	90
68) 1,2,4-trichlorobenzene	13.32	180	1446	0.822 ug/L #	93
69) Naphthalene	13.56	128	3608	0.720 ug/L	97

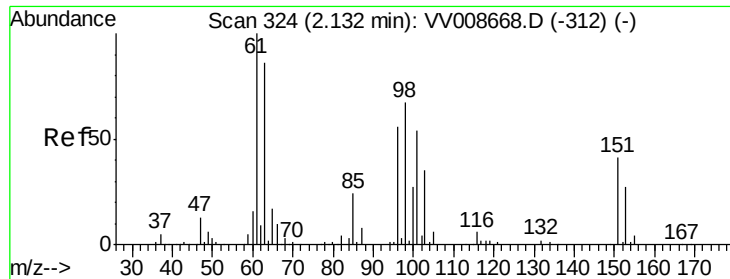
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
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Sample : VV1120WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 21 01:35:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





#10

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

Concen: 1.009 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV008672.D

Acq: 20 Nov 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK69

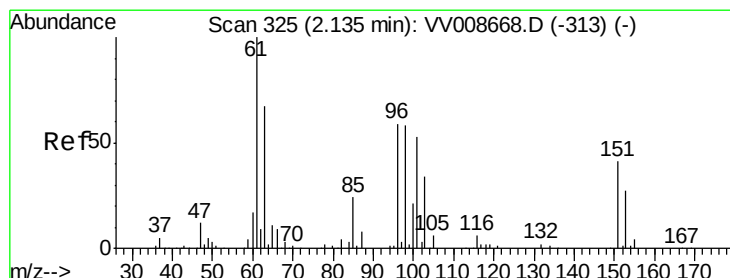
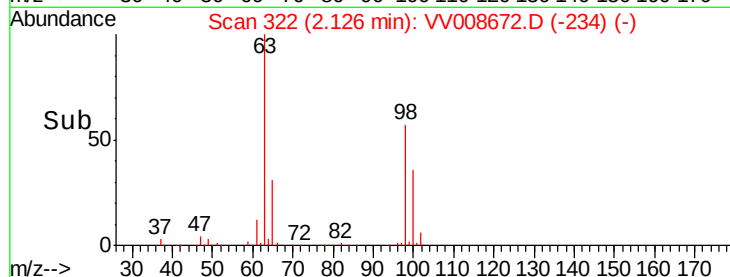
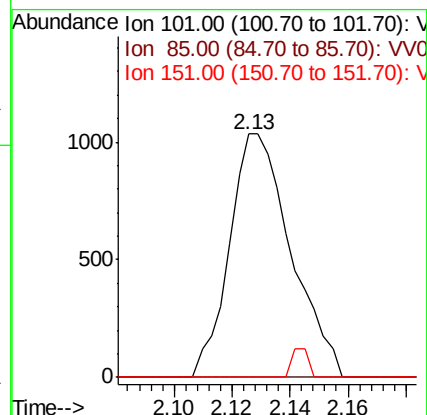
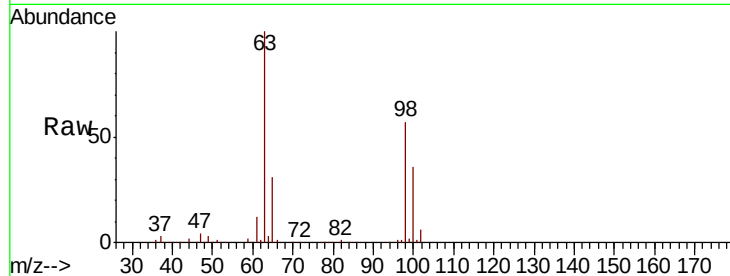
Tgt Ion: 101 Resp: 1519

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 3.1 63.8 95.8#



#12

1,1-Dichloroethene

Concen: 1.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008672.D

Acq: 20 Nov 2018 14:19

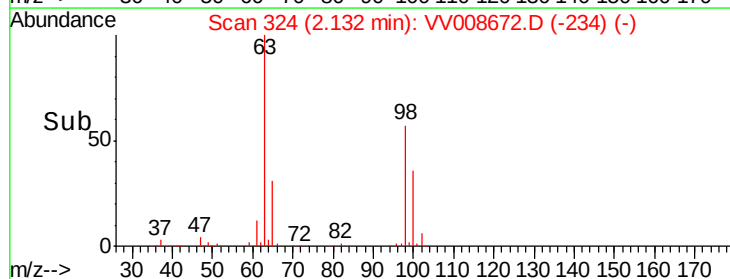
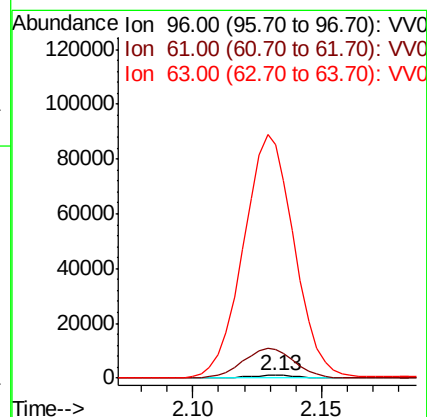
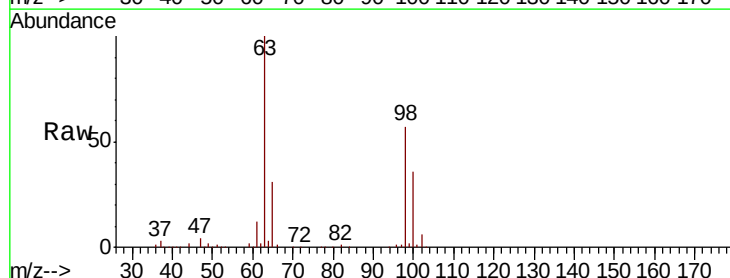
Tgt Ion: 96 Resp: 1465

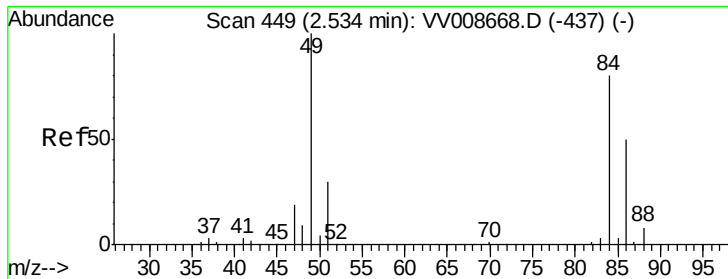
Ion Ratio Lower Upper

96 100

61 1051.8 120.3 223.3#

63 8511.6 113.3 210.5#

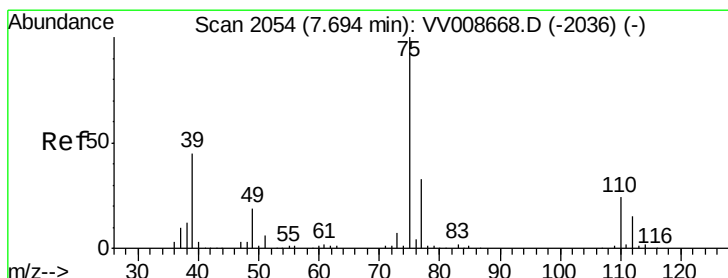
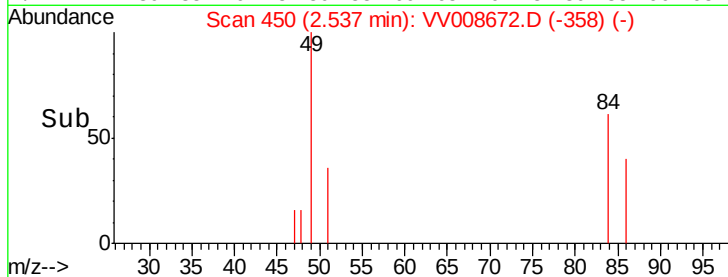
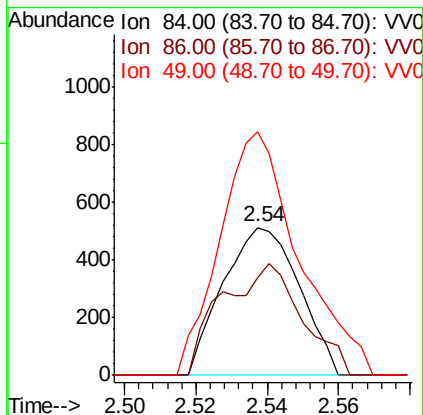
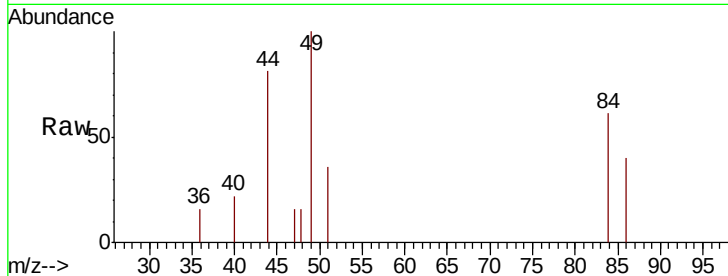




#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008672.D
Acq: 20 Nov 2018 14:19

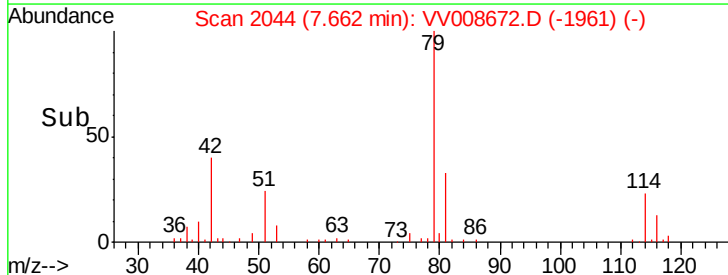
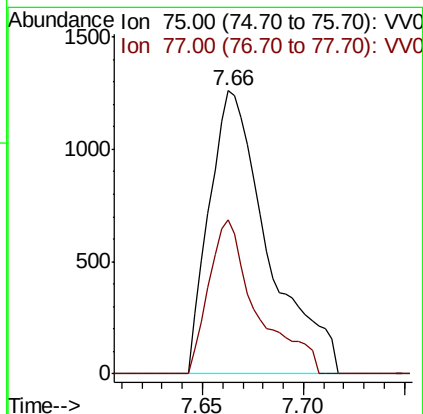
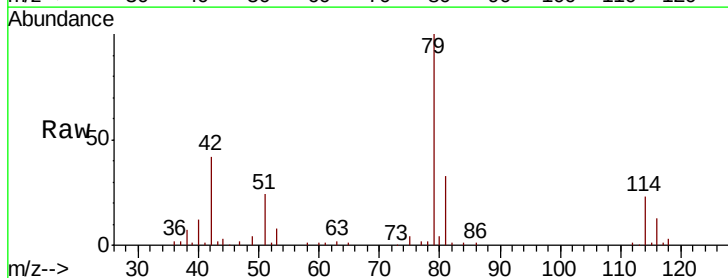
Instrument :
MSVOA_V
ClientSampled :
VBLK69

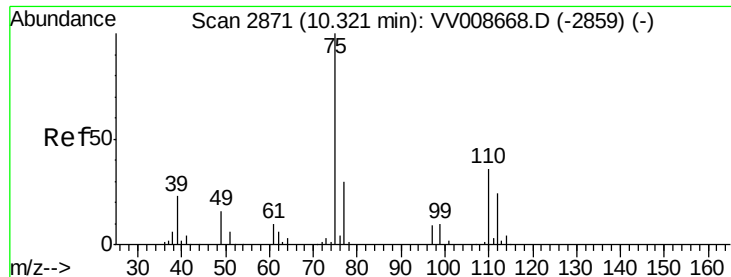
Tgt Ion: 84 Resp: 757
Ion Ratio Lower Upper
84 100
86 66.3 50.6 94.0
49 164.2 86.5 160.7#



#44
trans-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008672.D
Acq: 20 Nov 2018 14:19

Tgt Ion: 75 Resp: 2537
Ion Ratio Lower Upper
75 100
77 54.5 24.6 45.8#





#59

1,2,3-Trichloropropane

Concen: 4.578 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008672.D

Acq: 20 Nov 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

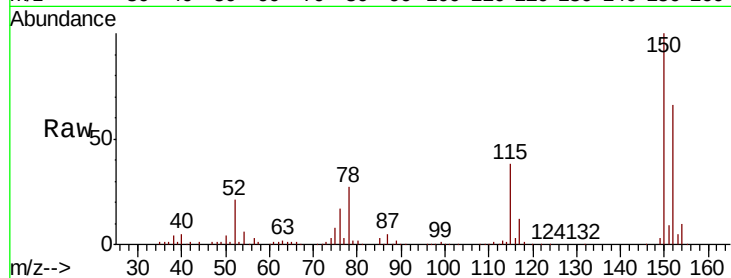
VBLK69

Tgt Ion: 75 Resp: 12200

Ion Ratio Lower Upper

75 100

77 35.6 26.0 39.0

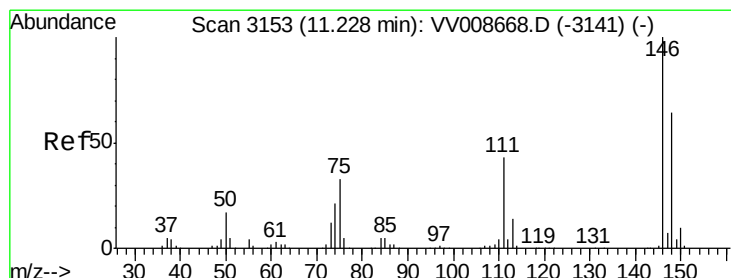
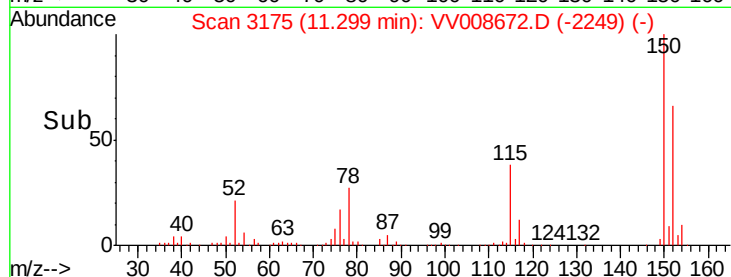


Abundance Ion 75.00 (74.70 to 75.70): VV008668.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008668.D (-2859) (-)

11.30

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.474 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV008672.D

Acq: 20 Nov 2018 14:19

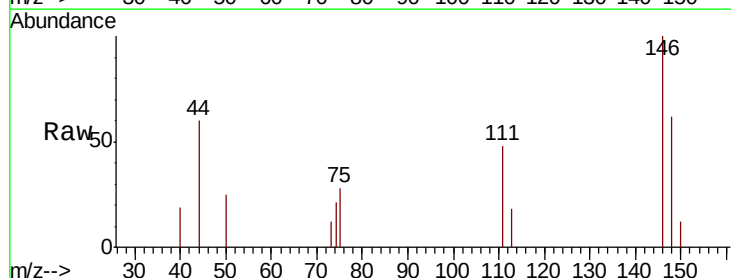
Tgt Ion: 146 Resp: 1578

Ion Ratio Lower Upper

146 100

111 47.9 27.9 51.7

148 62.2 42.7 79.3



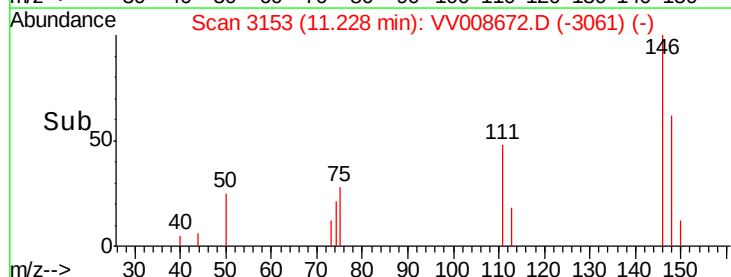
Abundance Ion 146.00 (145.70 to 146.70): VV008668.D (-3141) (-)

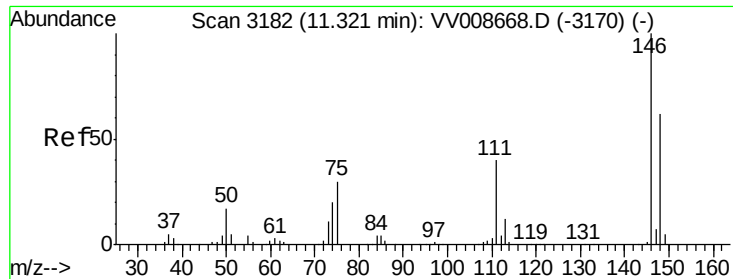
Ion 111.00 (110.70 to 111.70): VV008668.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008668.D (-3141) (-)

11.23

Time-->

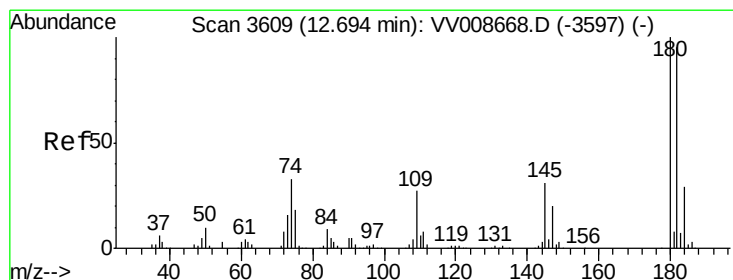
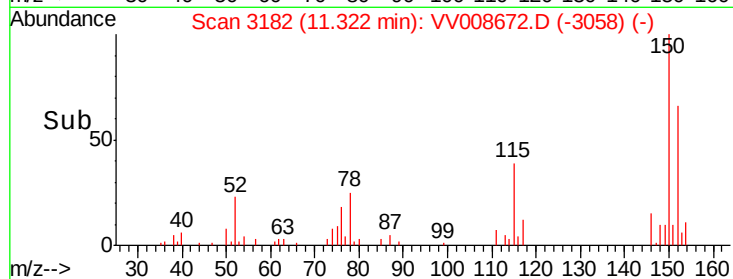
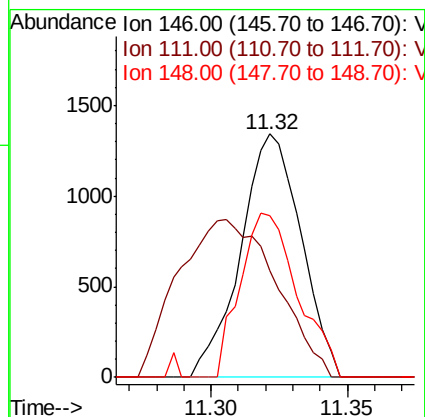
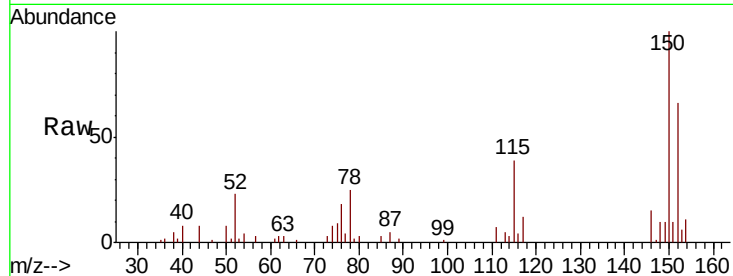




#63
 1,4-Dichlorobenzene
 Concen: 0.609 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008672.D
 Acq: 20 Nov 2018 14:19

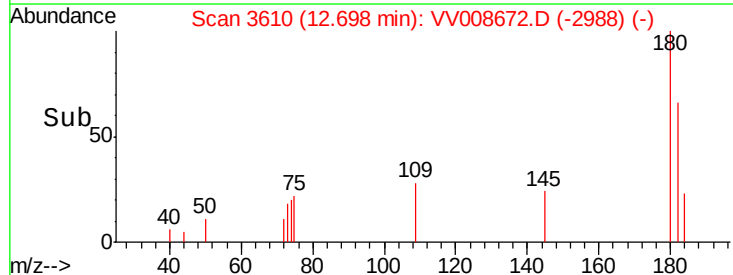
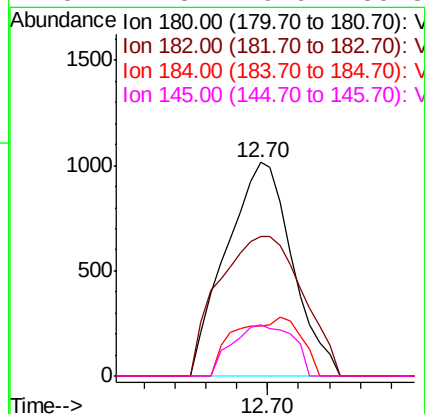
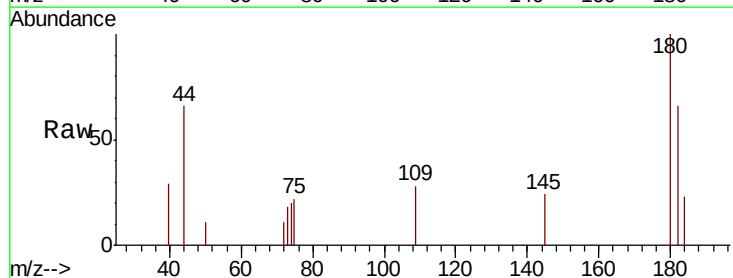
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

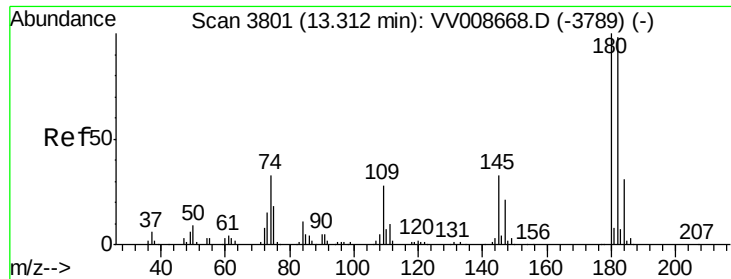
Tgt Ion:146 Resp: 2066
 Ion Ratio Lower Upper
 146 100
 111 43.8 27.7 51.5
 148 66.5 46.4 86.2



#67
 1,3,5-Trichlorobenzene
 Concen: 0.649 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV008672.D
 Acq: 20 Nov 2018 14:19

Tgt Ion:180 Resp: 1505
 Ion Ratio Lower Upper
 180 100
 182 83.0 73.2 109.8
 184 27.7 23.6 35.4
 145 22.3 26.6 39.8#

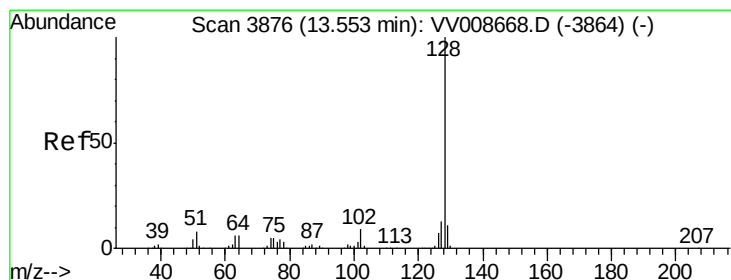
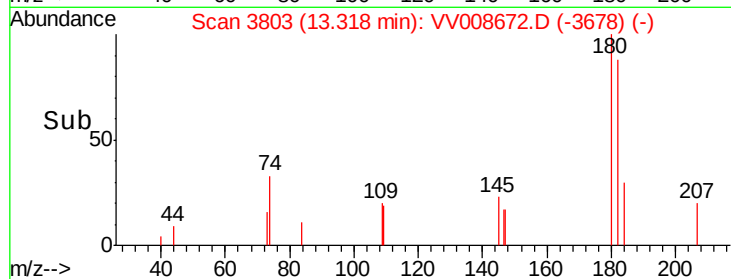
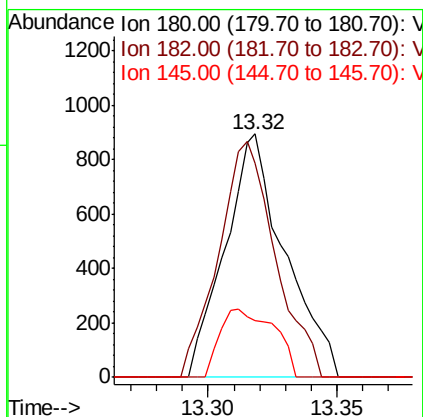
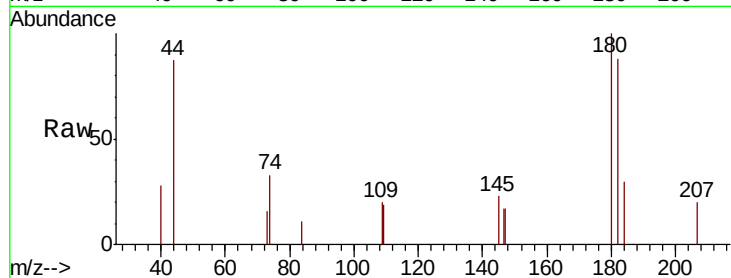




#68
 1,2,4-trichlorobenzene
 Concen: 0.822 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV008672.D
 Acq: 20 Nov 2018 14:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Tgt Ion:180 Resp: 1446
 Ion Ratio Lower Upper
 180 100
 182 91.6 75.7 113.5
 145 25.3 28.0 42.0#



#69
 Naphthalene
 Concen: 0.720 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV008672.D
 Acq: 20 Nov 2018 14:19

Tgt Ion:128 Resp: 3608
 Ion Ratio Lower Upper
 128 100
 127 11.4 9.4 14.0
 129 9.3 8.9 13.3

