

Data File : VV008924.D
Acq On : 14 Dec 2018 13:04
Operator : SY/MD
Sample : VV1214WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Dec 14 23:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57238	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.57	69	44082	55.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.94%
11) 1,1-Dichloroethene-d2	2.13	63	114958	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.10%
21) 2-Butanone-d5	3.94	46	91713	108.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.78%
24) Chloroform-d	4.41	84	132674	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.08	65	88024	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
32) Benzene-d6	5.10	84	273618	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
36) 1,2-Dichloropropane-d6	6.12	67	81794	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.36	98	252933	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%
43) trans-1,3-Dichloropropene-	7.67	79	38861	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.13	63	63431	105.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98648	47.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	92662	51.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.82%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1289	0.873	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1199	0.893	ug/L #	1
16) Methylene chloride	2.54	84	621	0.415	ug/L	76
37) 1,2-Dichloropropane	6.12	63	8966	6.297	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2544	1.120	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	2107	0.995	ug/L	85
48) 2-Hexanone	8.18	43	2722	1.987	ug/L #	53
58) 1,1,2,2-Tetrachloroethane	10.27	83	858	0.405	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	9281	5.176	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	1255	0.452	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	1797	0.643	ug/L	92
65) 1,2-Dichlorobenzene	11.70	146	1327	0.471	ug/L #	84
68) 1,2,4-trichlorobenzene	13.31	180	965	0.787	ug/L	84
69) Naphthalene	13.56	128	4377	1.427	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	1152	0.933	ug/L #	84

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

Data File : VV008924.D
Acq On : 14 Dec 2018 13:04
Operator : SY/MD
Sample : VV1214WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Dec 14 23:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

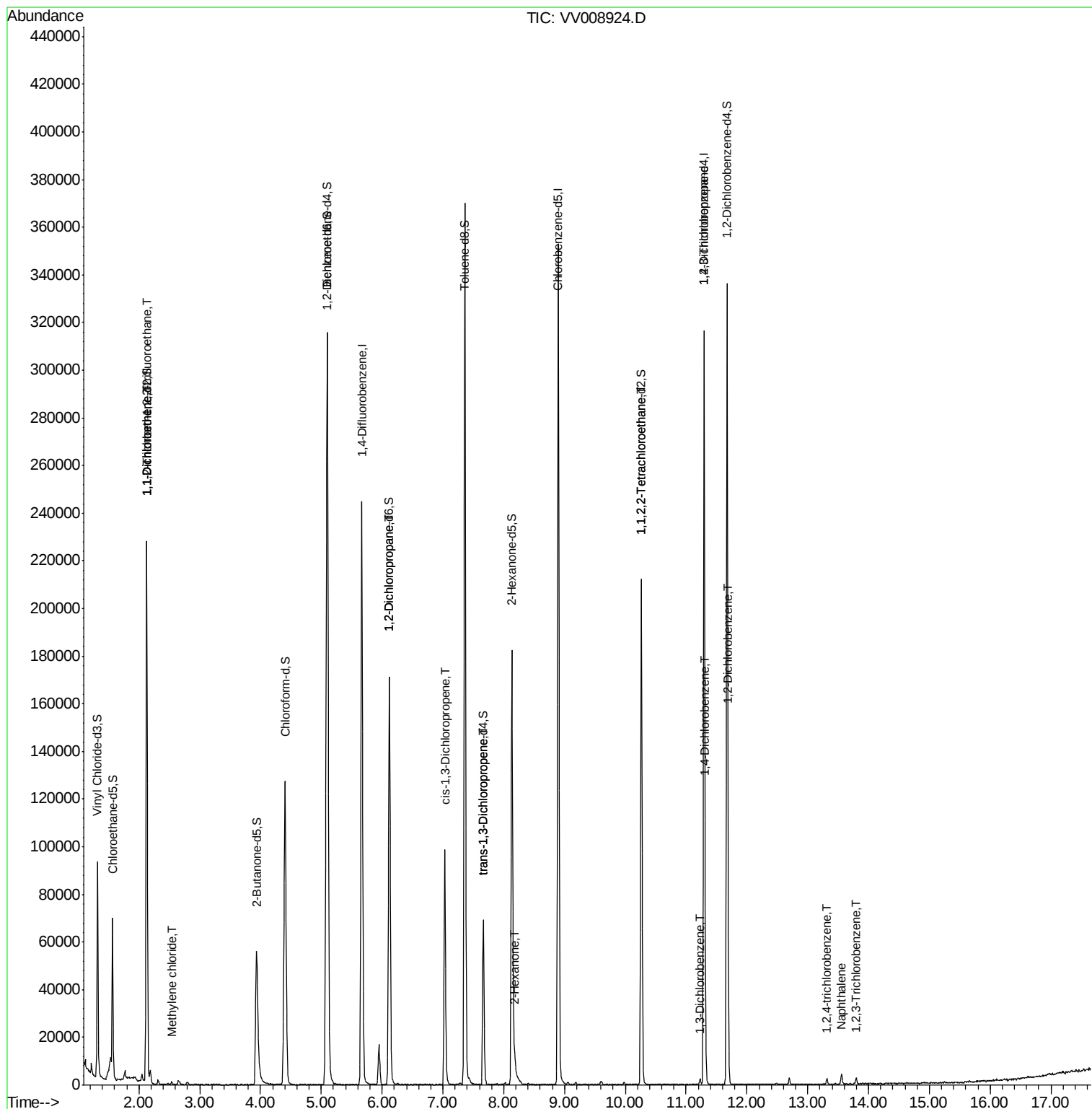
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

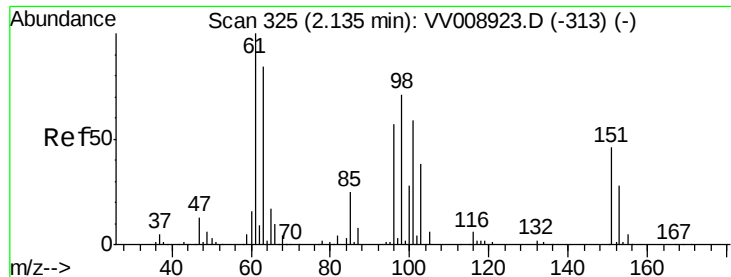
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV008924.D
Acq On : 14 Dec 2018 13:04
Operator : SY/MD
Sample : VV1214WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Dec 14 23:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration





#10

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

Concen: 0.873 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

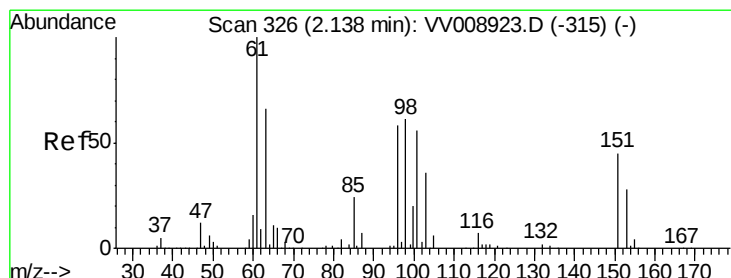
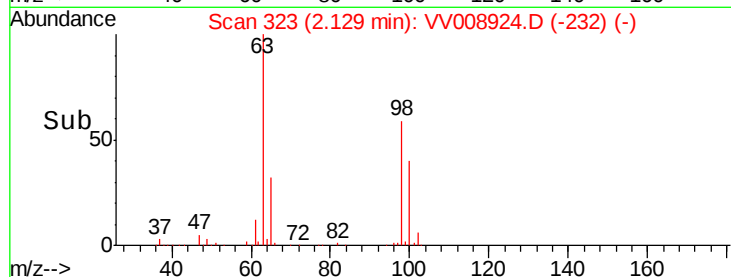
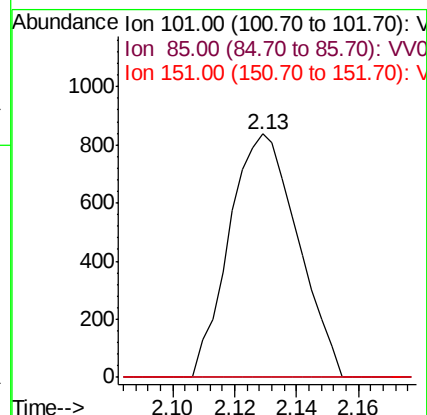
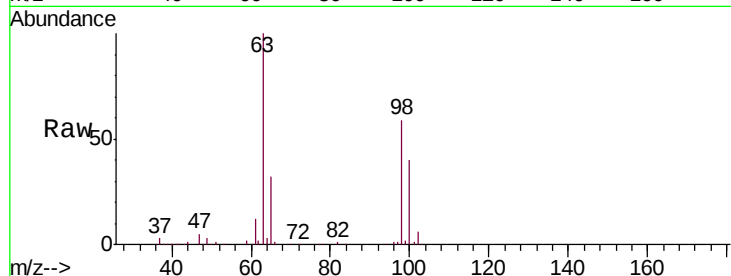
Tgt Ion: 101 Resp: 1289

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: 0.893 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

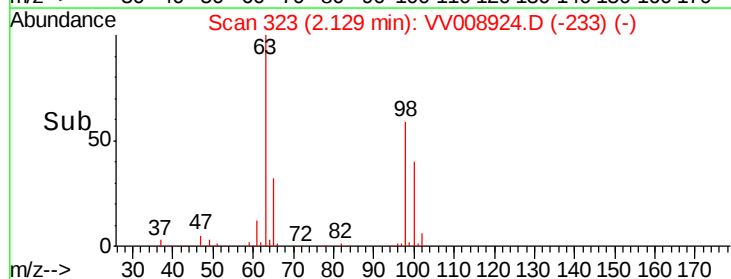
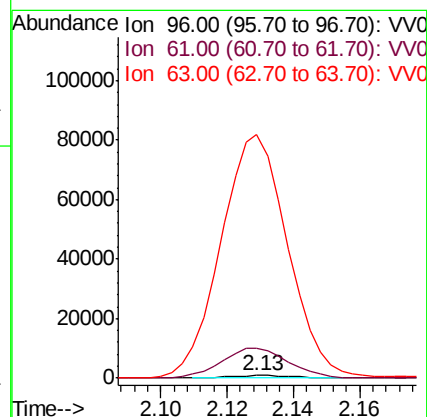
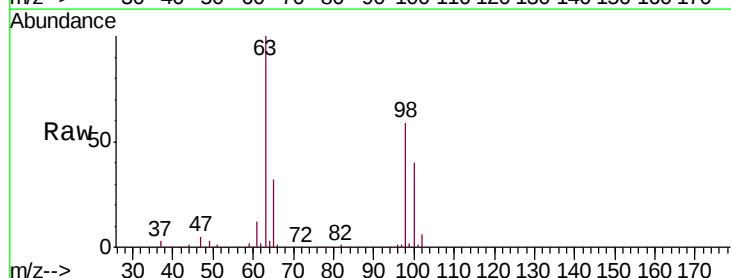
Tgt Ion: 96 Resp: 1199

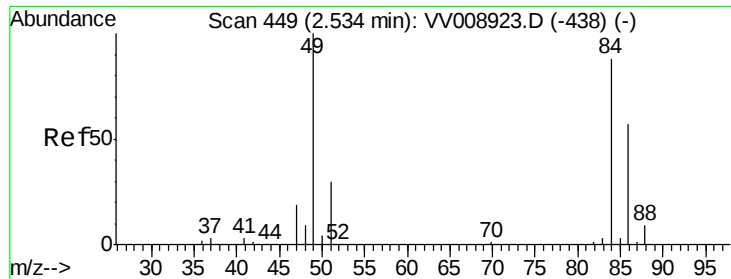
Ion Ratio Lower Upper

96 100

61 1236.0 119.1 221.3#

63 10054.1 96.0 178.2#

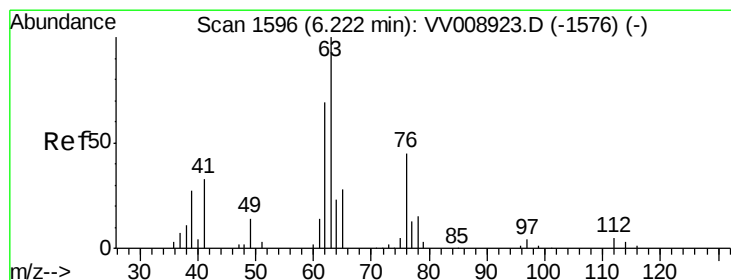
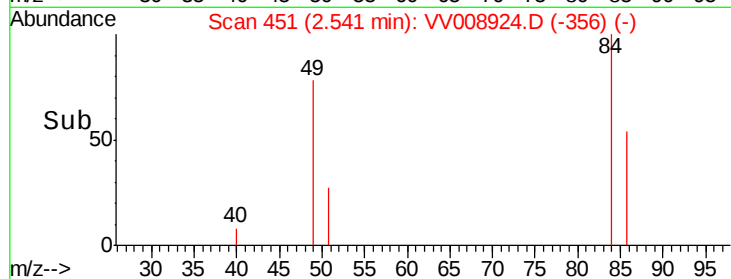
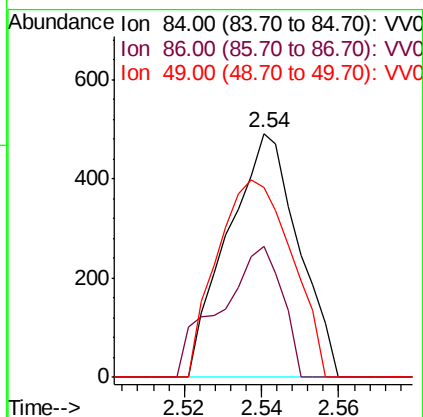
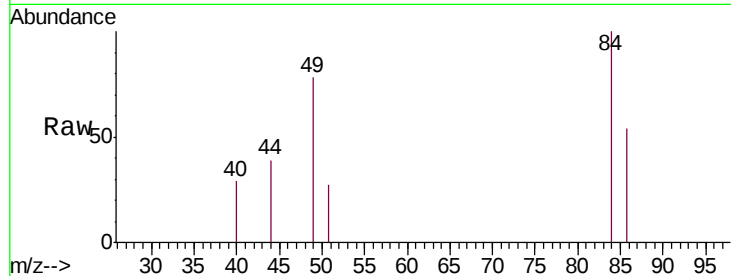




#16
Methylene chloride
Concen: 0.415 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV008924.D
Acq: 14 Dec 2018 13:04

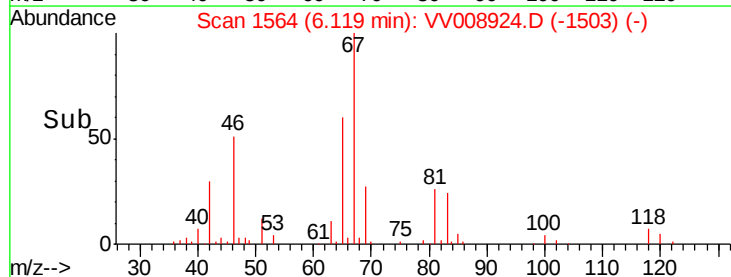
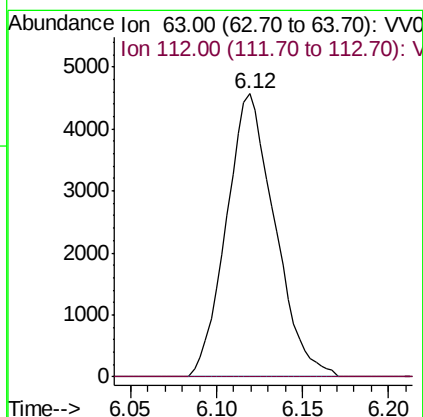
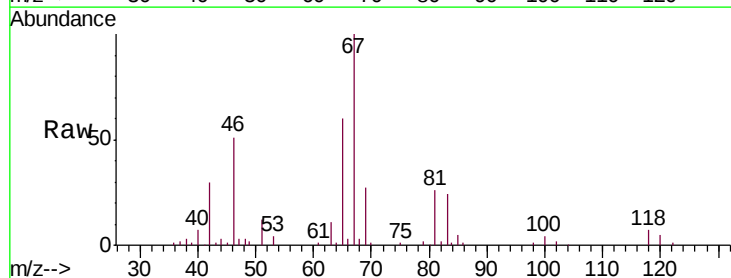
Instrument :
MSVOA_V
ClientSampleId :
VBLK66

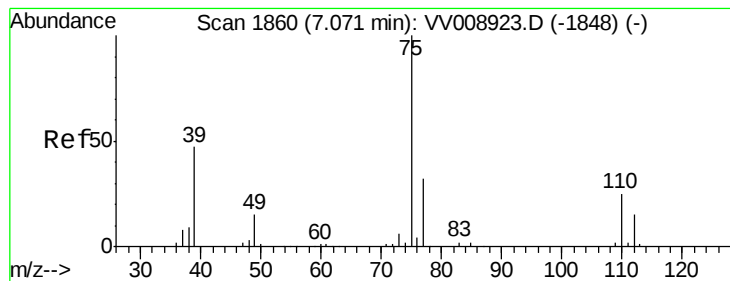
Tgt Ion: 84 Resp: 621
Ion Ratio Lower Upper
84 100
86 54.0 44.2 82.0
49 78.0 77.4 143.8



#37
1,2-Dichloropropane
Concen: 6.297 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008924.D
Acq: 14 Dec 2018 13:04

Tgt Ion: 63 Resp: 8966
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



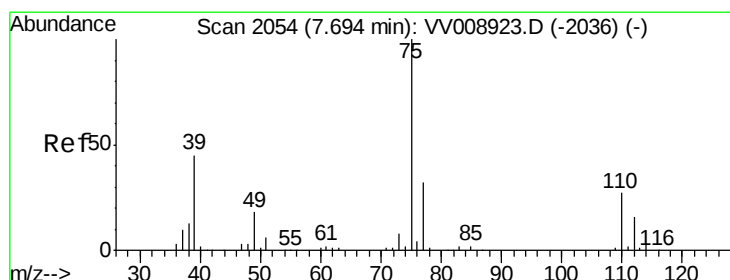
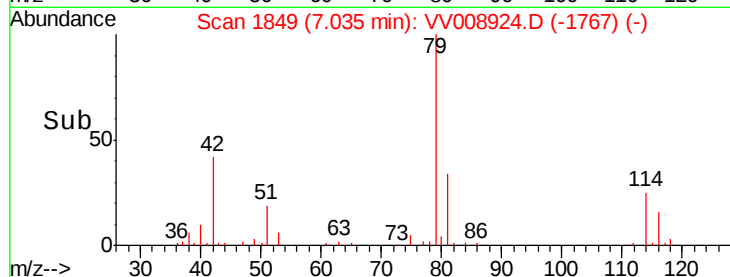
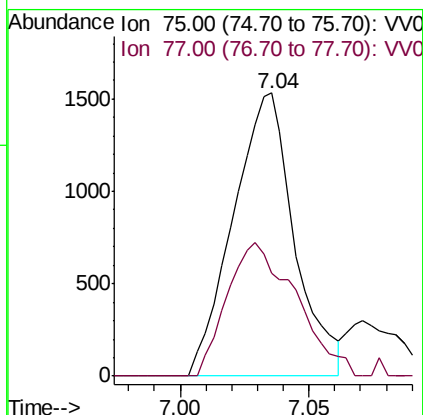
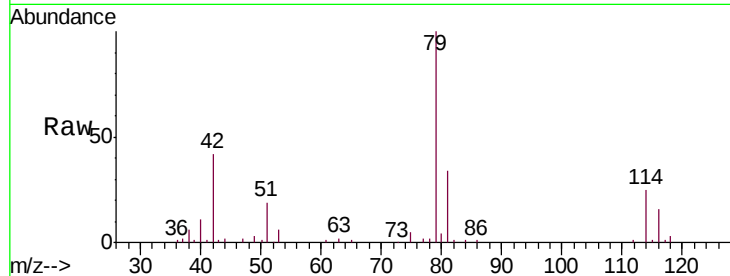


#39

cis-1,3-Dichloropropene
Concen: 1.120 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008924.D
Acq: 14 Dec 2018 13:04

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

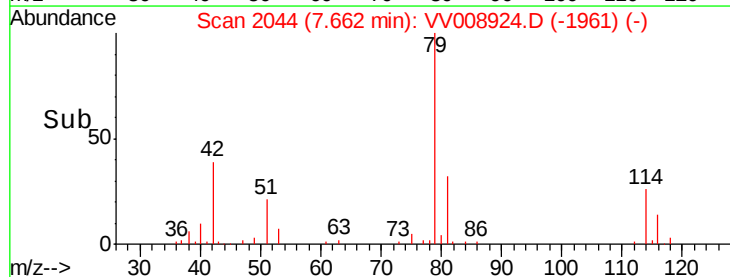
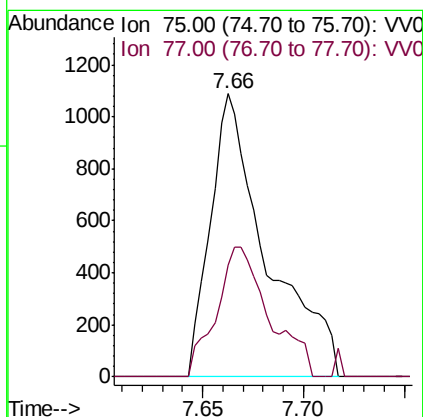
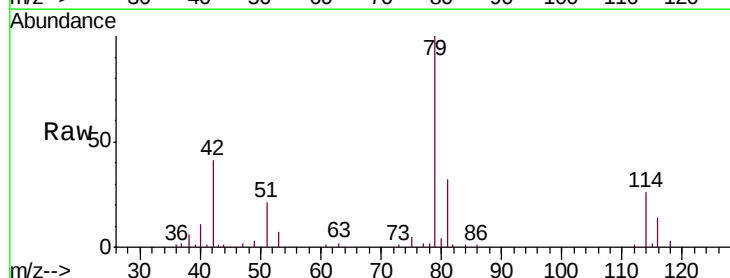
Tgt Ion: 75 Resp: 2544
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.4

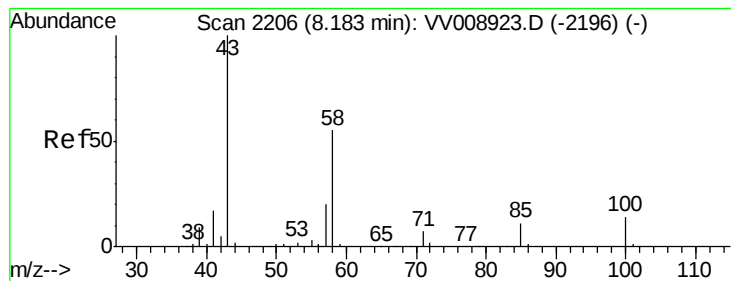


#44

trans-1,3-Dichloropropene
Concen: 0.995 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008924.D
Acq: 14 Dec 2018 13:04

Tgt Ion: 75 Resp: 2107
Ion Ratio Lower Upper
75 100
77 39.3 21.6 40.2





#48

2-Hexanone

Concen: 1.987 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

Tgt Ion: 43 Resp: 2722

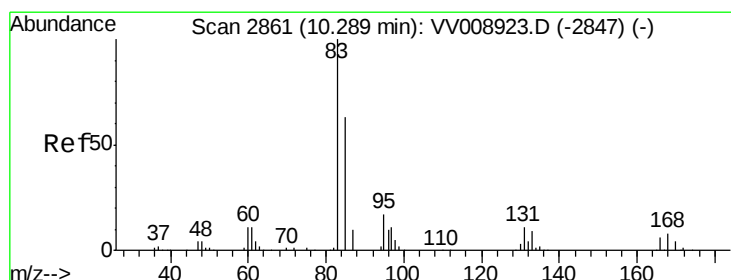
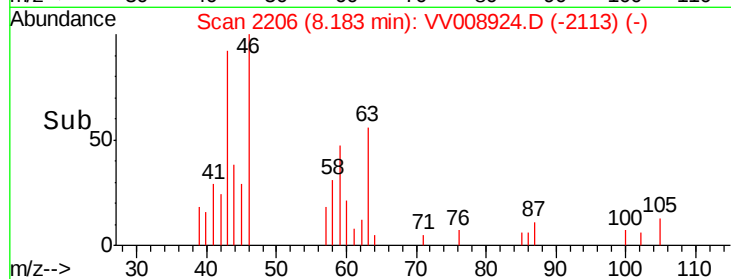
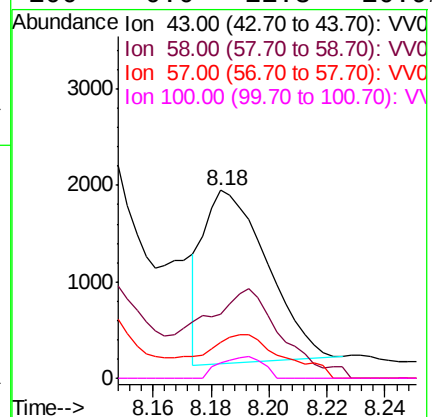
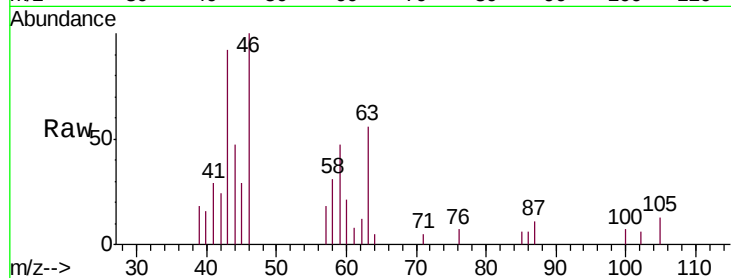
Ion Ratio Lower Upper

43 100

58 16.9 42.7 64.1#

57 0.0 15.7 23.5#

100 0.0 11.3 16.9#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.405 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. -0.02 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

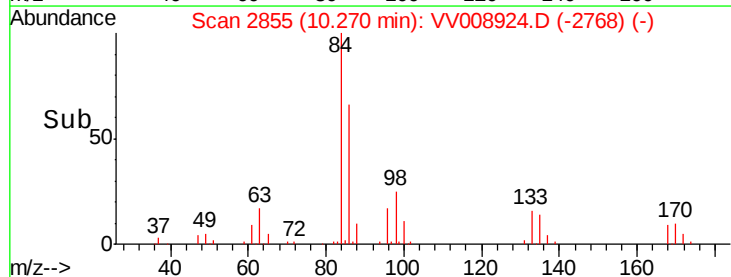
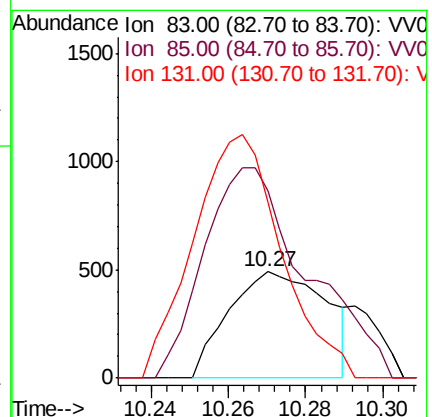
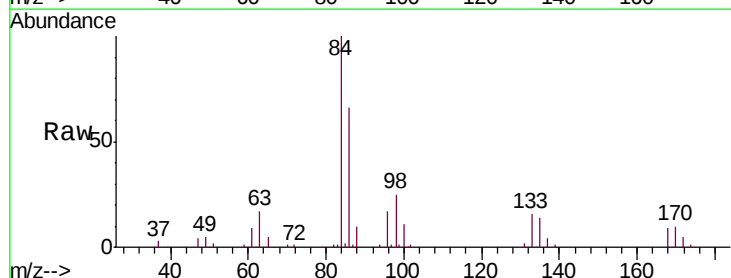
Tgt Ion: 83 Resp: 858

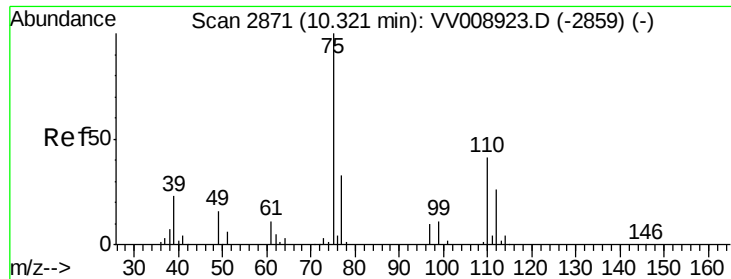
Ion Ratio Lower Upper

83 100

85 176.4 45.3 84.1#

131 165.7 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.176 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

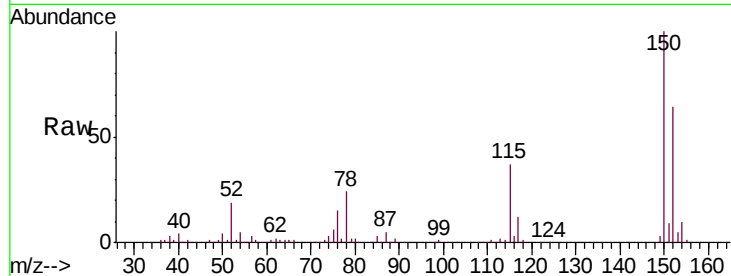
VBLK66

Tgt Ion: 75 Resp: 9281

Ion Ratio Lower Upper

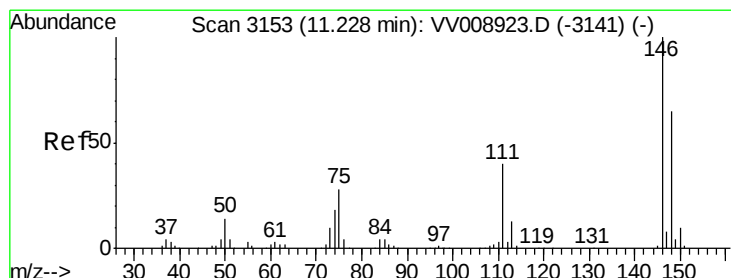
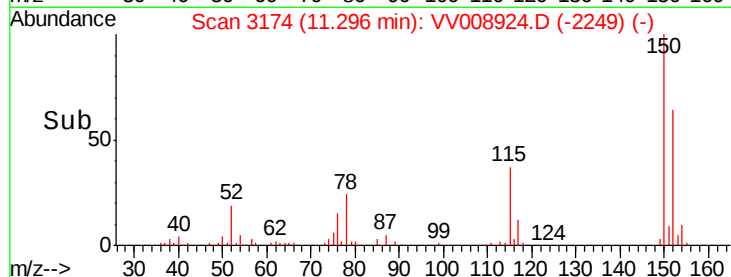
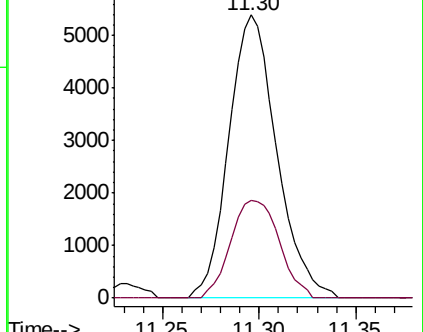
75 100

77 34.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2859) (-)



#62

1,3-Dichlorobenzene

Concen: 0.452 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV008924.D

Acq: 14 Dec 2018 13:04

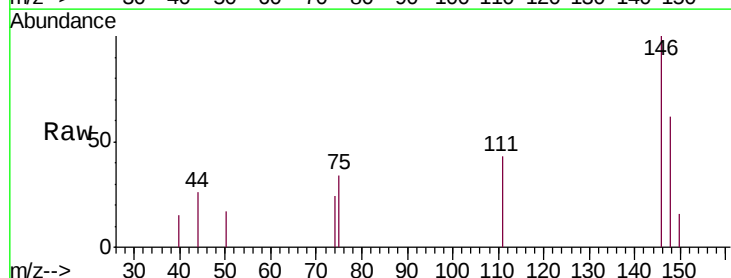
Tgt Ion: 146 Resp: 1255

Ion Ratio Lower Upper

146 100

111 42.8 28.3 52.7

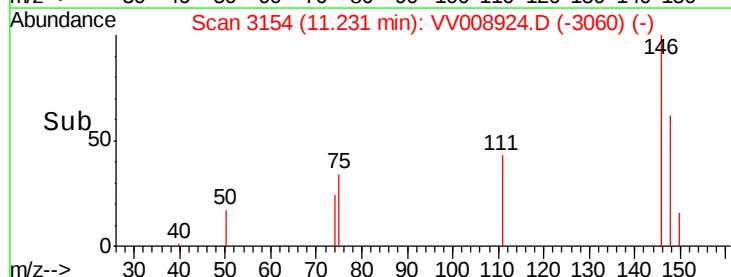
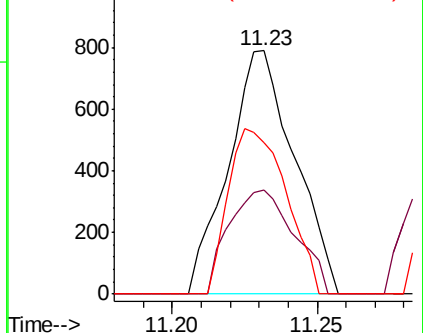
148 62.3 44.9 83.5

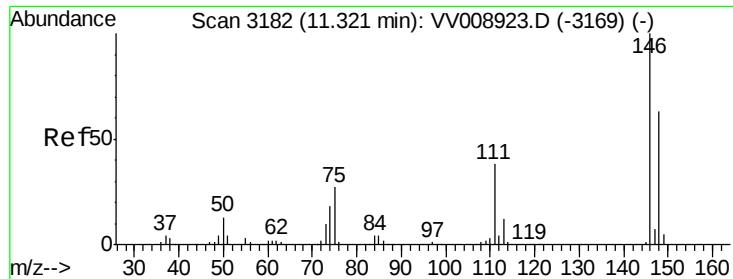


Abundance Ion 146.00 (145.70 to 146.70): VV008923.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV008923.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008923.D (-3141) (-)

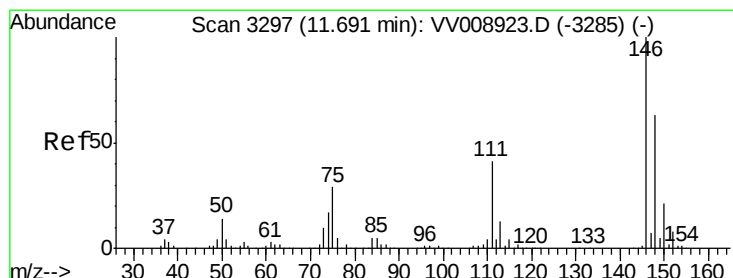
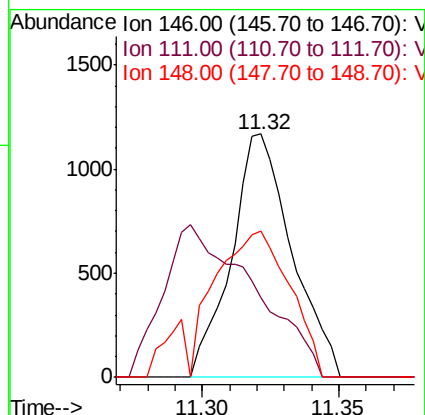
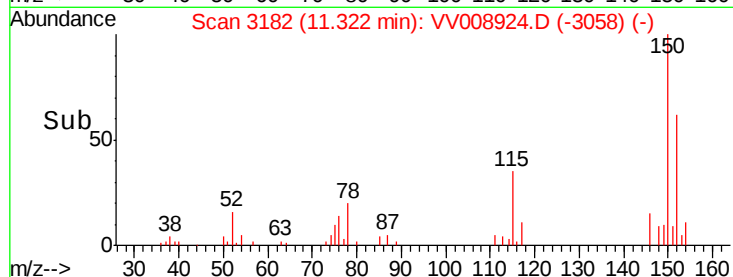
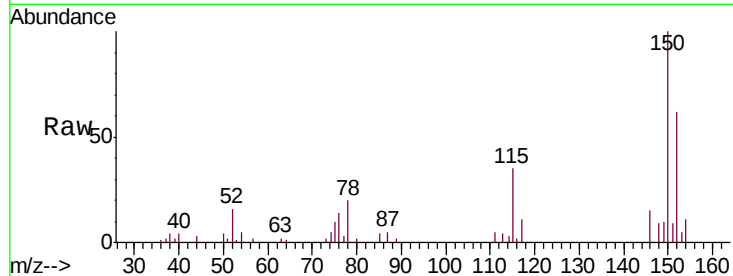




#63
 1,4-Dichlorobenzene
 Concen: 0.643 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008924.D
 Acq: 14 Dec 2018 13:04

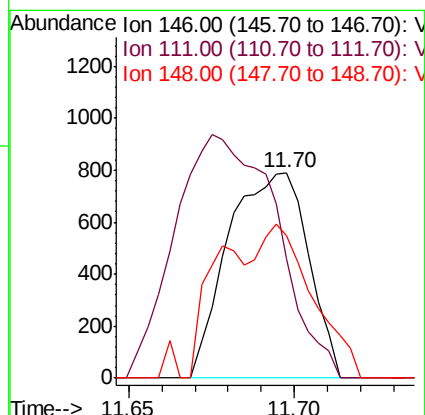
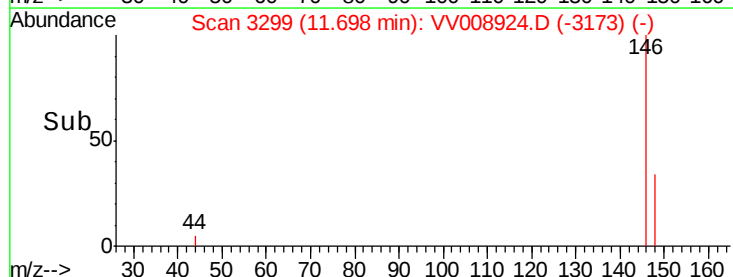
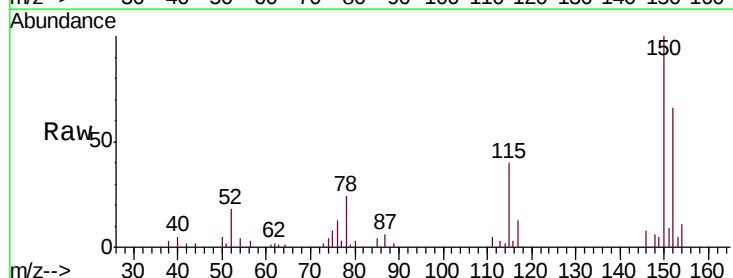
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

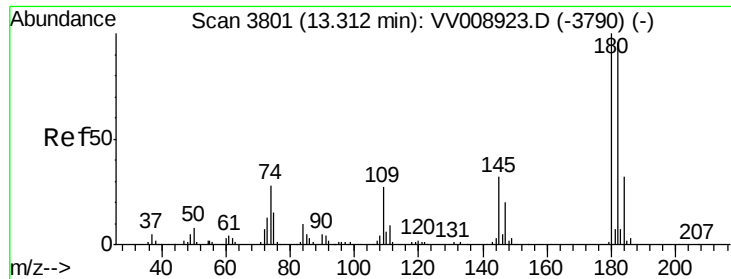
Tgt Ion:146 Resp: 1797
 Ion Ratio Lower Upper
 146 100
 111 32.6 27.9 51.9
 148 60.1 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 0.471 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.01 min
 Lab File: VV008924.D
 Acq: 14 Dec 2018 13:04

Tgt Ion:146 Resp: 1327
 Ion Ratio Lower Upper
 146 100
 111 58.0 32.8 49.2#
 148 69.4 50.5 75.7

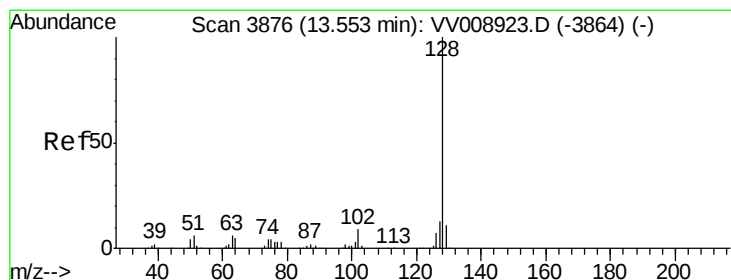
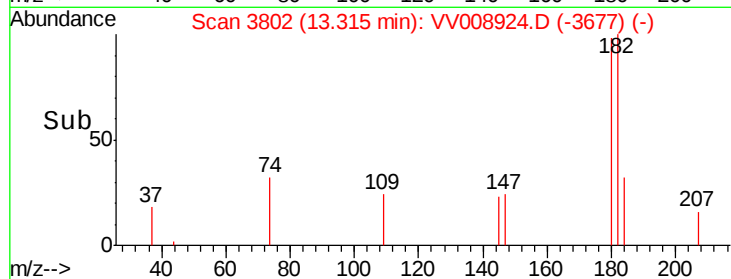
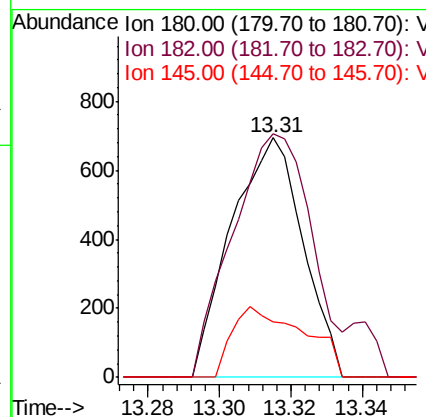
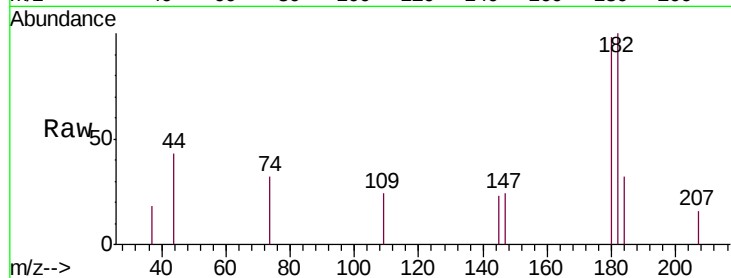




#68
 1,2,4-trichlorobenzene
 Concen: 0.787 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008924.D
 Acq: 14 Dec 2018 13:04

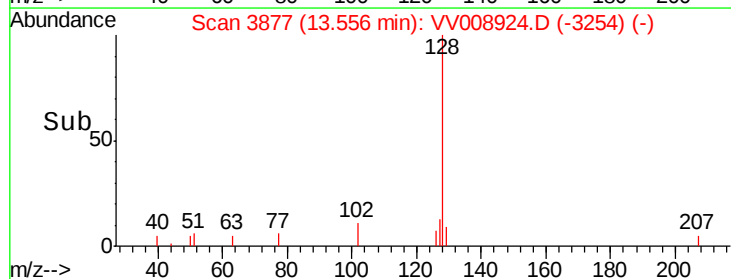
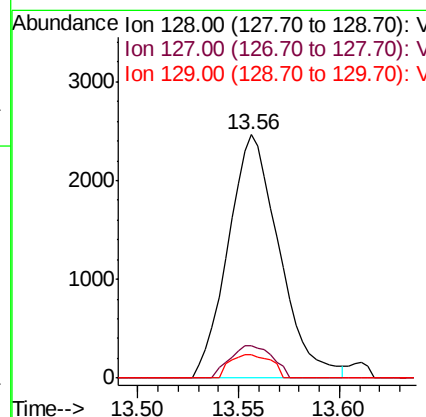
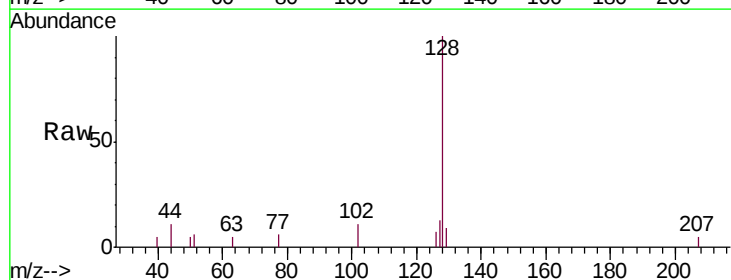
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

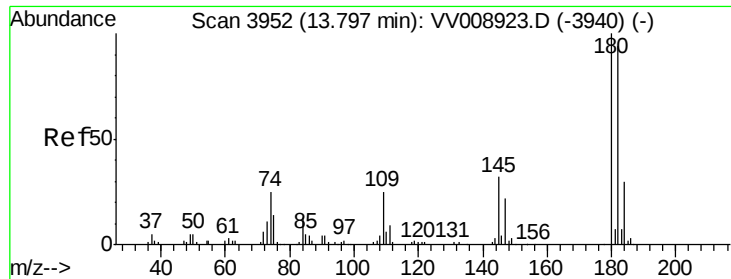
Tgt Ion:180 Resp: 965
 Ion Ratio Lower Upper
 180 100
 182 112.3 75.7 113.5
 145 27.2 25.0 37.4



#69
 Naphthalene
 Concen: 1.427 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV008924.D
 Acq: 14 Dec 2018 13:04

Tgt Ion:128 Resp: 4377
 Ion Ratio Lower Upper
 128 100
 127 11.1 10.4 15.6
 129 7.8 8.6 12.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.933 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008924.D
 Acq: 14 Dec 2018 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Tgt Ion:180 Resp: 1152
 Ion Ratio Lower Upper
 180 100
 182 78.8 76.6 115.0
 145 24.8 26.1 39.1#

