

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007779.D
 Acq On : 23 Sep 2018 11:15
 Operator : SY/MD
 Sample : VV0923WBL03
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Quant Time: Sep 24 07:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189912	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48364	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.72%
7) Chloroethane-d5	1.59	69	47503	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.30%
11) 1,1-Dichloroethene-d2	2.14	63	92406	37.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.94%
21) 2-Butanone-d5	3.95	46	64257	94.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.41	84	102513	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
26) 1,2-Dichloroethane-d4	5.09	65	70145	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
32) Benzene-d6	5.10	84	207855	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.12	67	61557	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.36	98	211644	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	28039	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.14	63	45202	82.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88549	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	98600	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

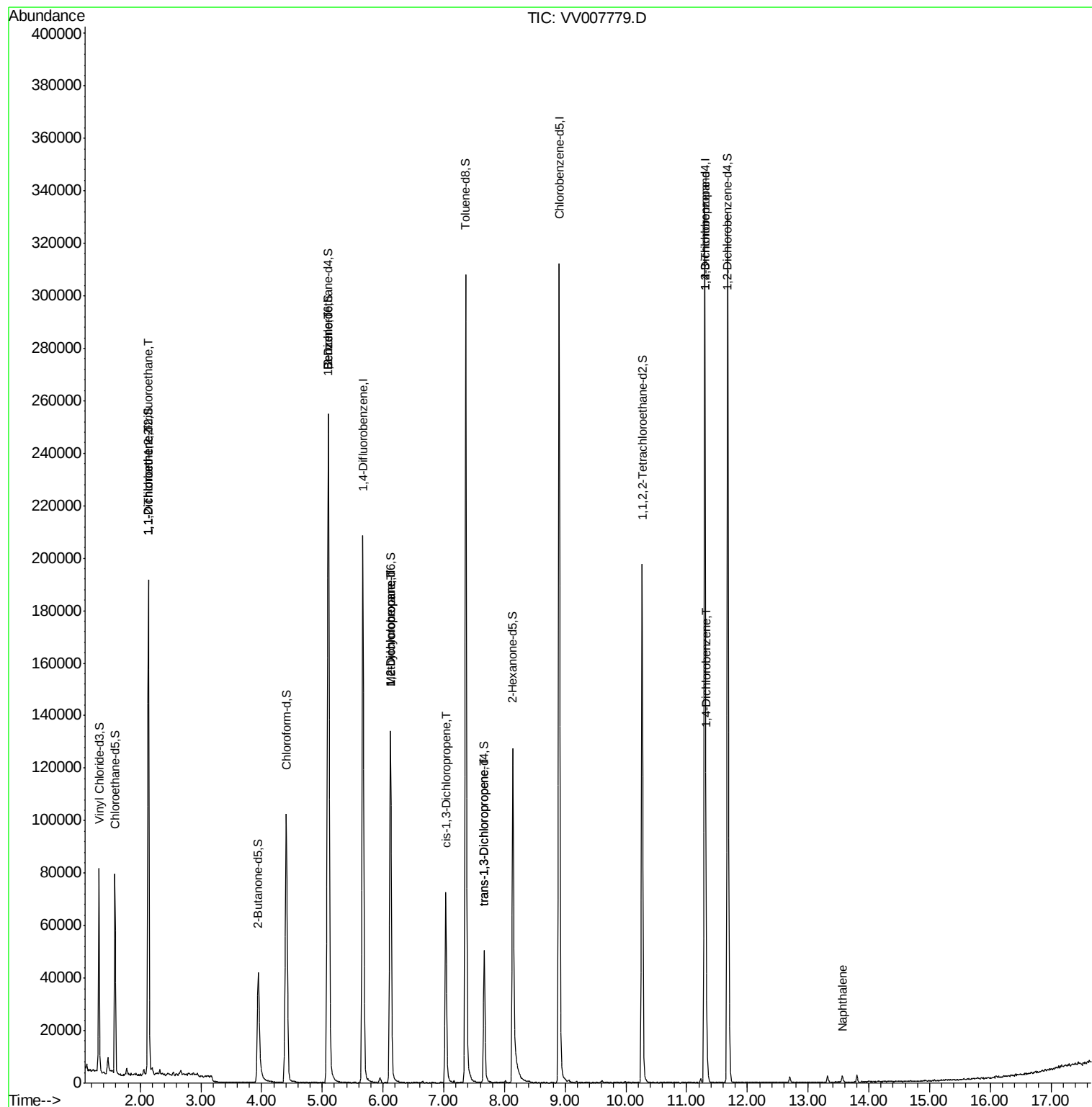
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	992	0.691 ug/L #	19
12) 1,1-Dichloroethene	2.14	96	898	0.713 ug/L #	1
33) Benzene	5.10	78	1733	0.392 ug/L	100
35) Methylcyclohexane	6.12	83	16130	8.065 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	7422	6.676 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2130	1.192 ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	1532	0.903 ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	10342	6.579 ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	1823	0.560 ug/L	97
69) Naphthalene	13.56	128	2643	0.435 ug/L #	85

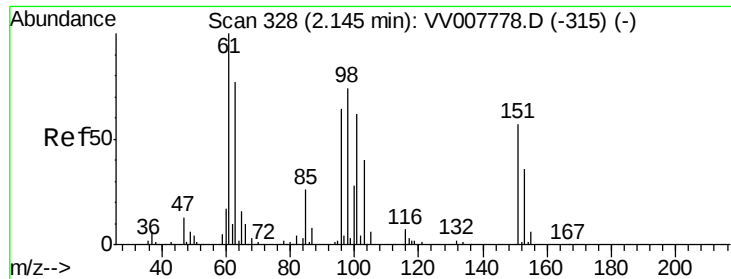
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007779.D
Acq On : 23 Sep 2018 11:15
Operator : SY/MD
Sample : VV0923WBL03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Quant Time: Sep 24 07:20:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#10

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

Concen: 0.691 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007779.D

Acq: 23 Sep 2018 11:15

Instrument :

MSVOA_V

ClientSampleId :

VBLK64

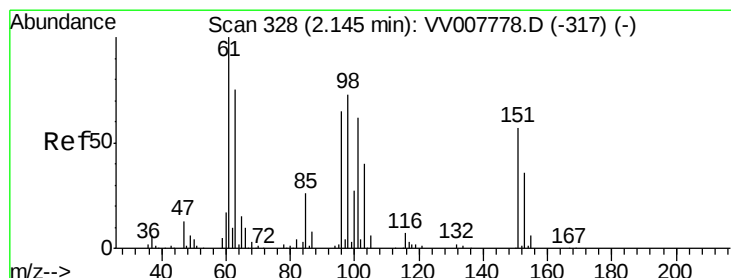
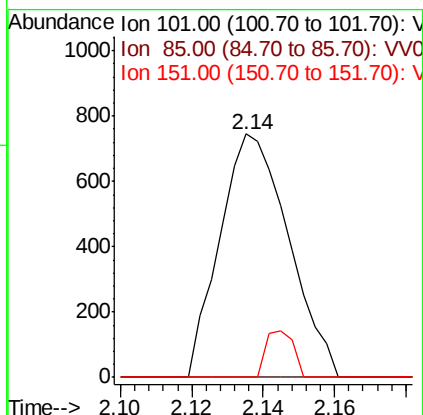
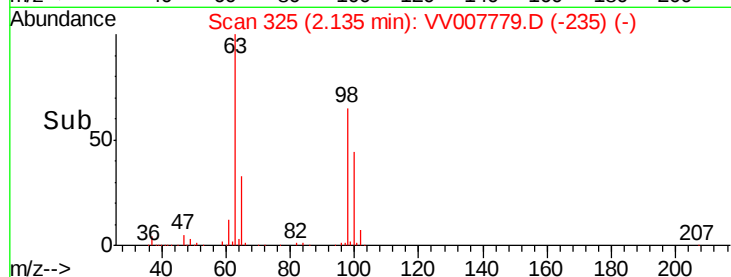
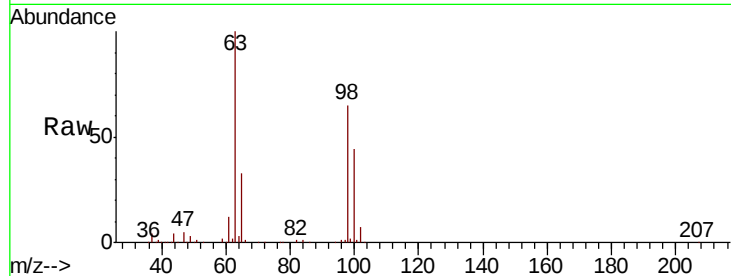
Tgt Ion: 101 Resp: 992

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 7.6 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.713 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007779.D

Acq: 23 Sep 2018 11:15

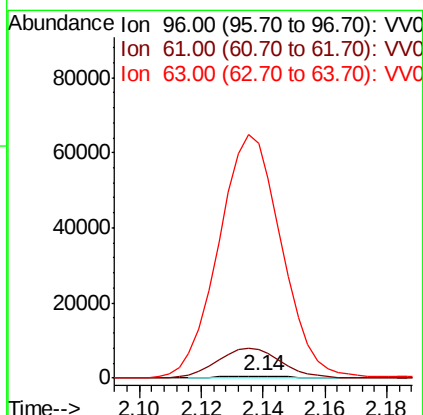
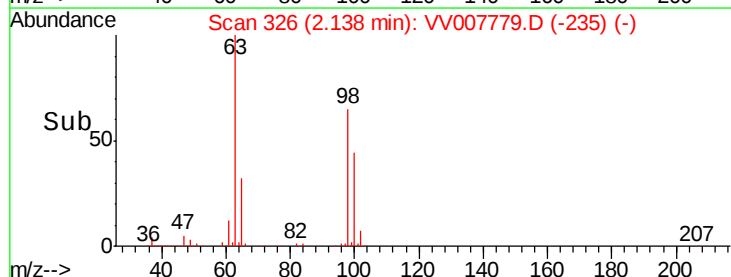
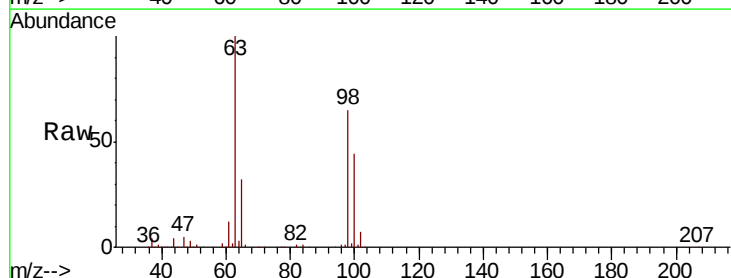
Tgt Ion: 96 Resp: 898

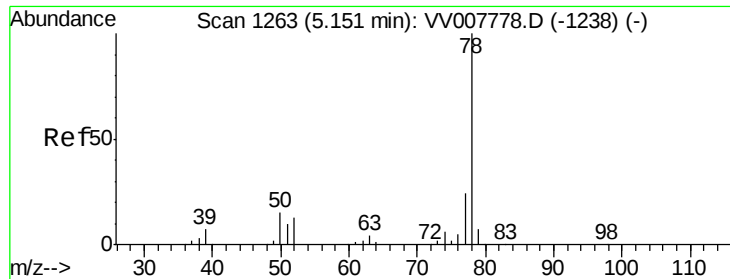
Ion Ratio Lower Upper

96 100

61 1385.0 107.3 199.3#

63 11262.0 78.8 146.4#





#33

Benzene

Concen: 0.392 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.05 min

Lab File: VV007779.D

Acq: 23 Sep 2018 11:15

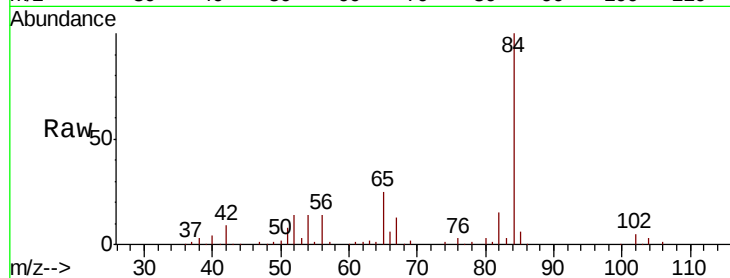
Instrument :

MSVOA_V

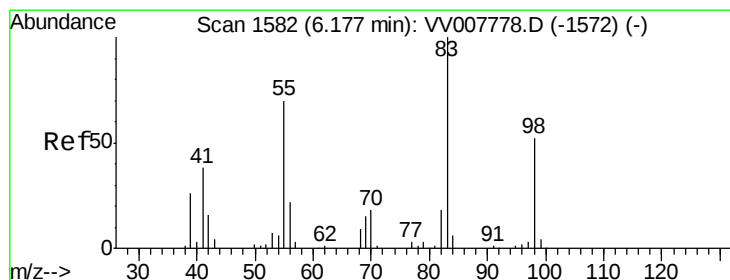
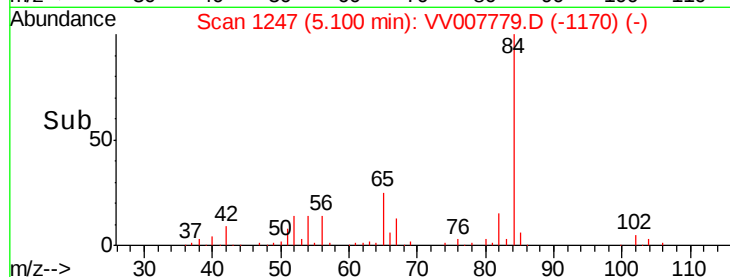
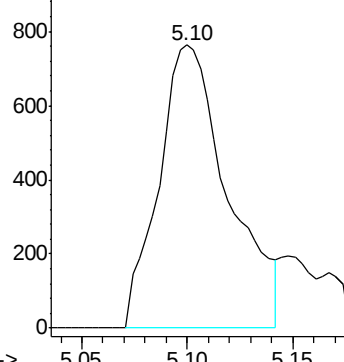
ClientSampleId :

VBLK64

Tgt Ion: 78 Resp: 1733



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 8.065 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007779.D

Acq: 23 Sep 2018 11:15

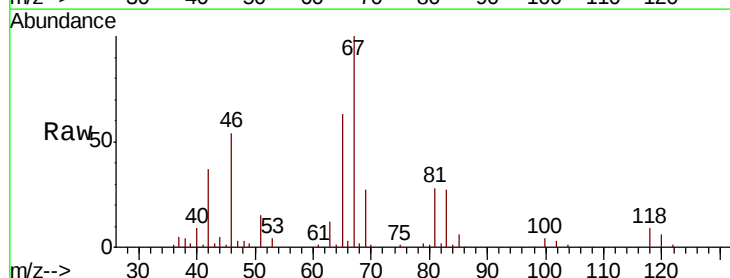
Tgt Ion: 83 Resp: 16130

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

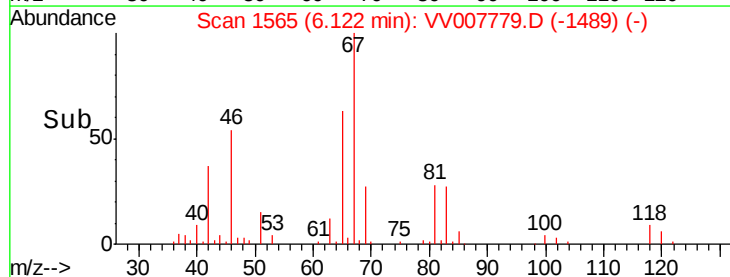
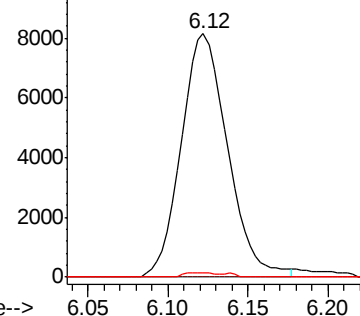
98 1.2 39.0 58.6#

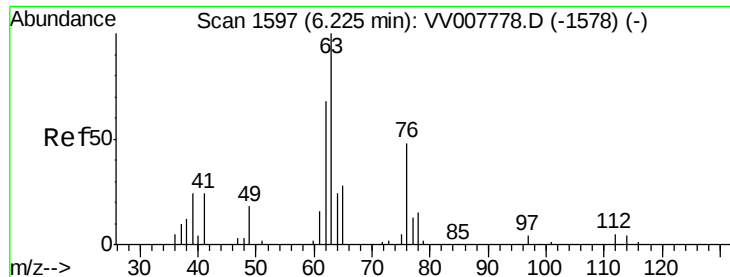


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

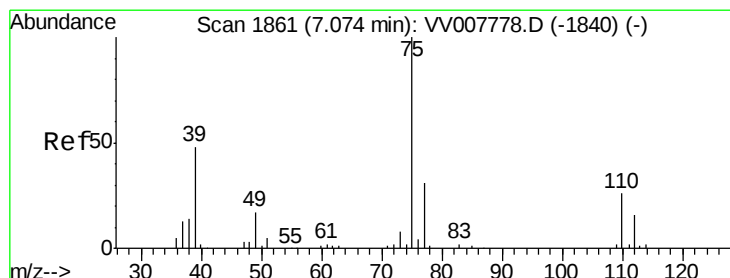
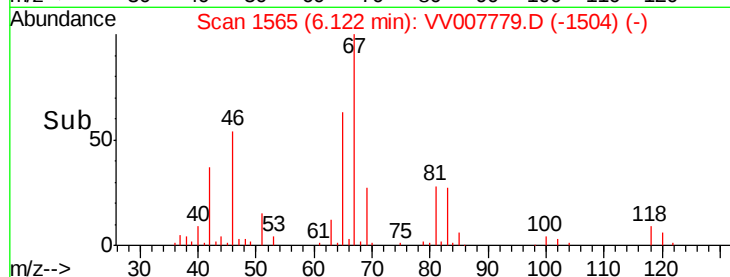
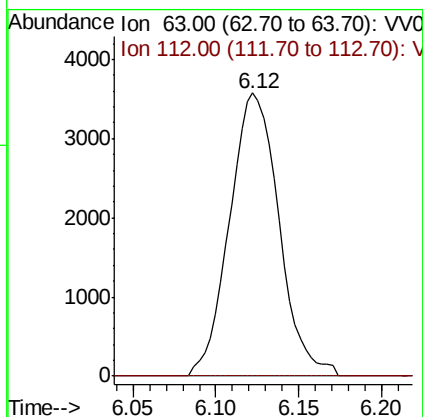
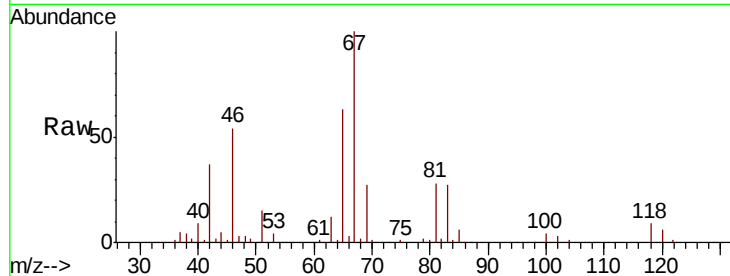




#37
 1,2-Dichloropropane
 Concen: 6.676 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007779.D
 Acq: 23 Sep 2018 11:15

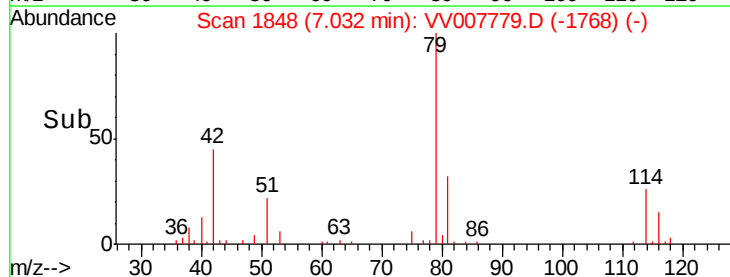
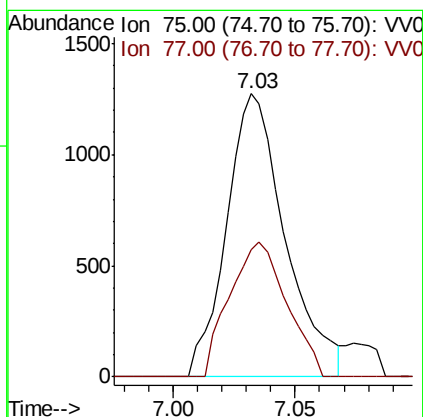
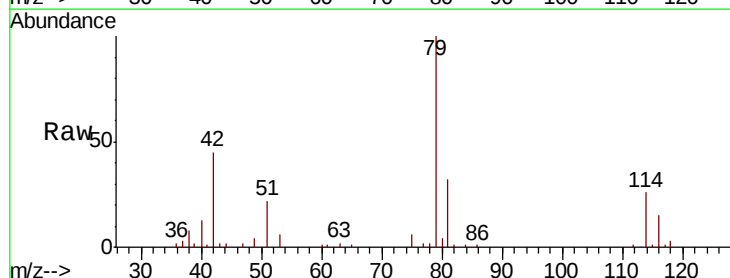
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

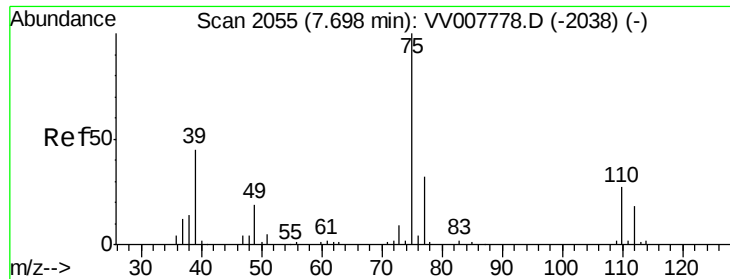
Tgt Ion: 63 Resp: 7422
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.192 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007779.D
 Acq: 23 Sep 2018 11:15

Tgt Ion: 75 Resp: 2130
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007779.D

Acq: 23 Sep 2018 11:15

Instrument :

MSVOA_V

ClientSampleId :

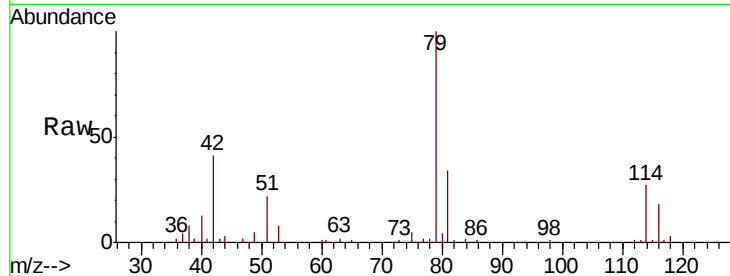
VBLK64

Tgt Ion: 75 Resp: 1532

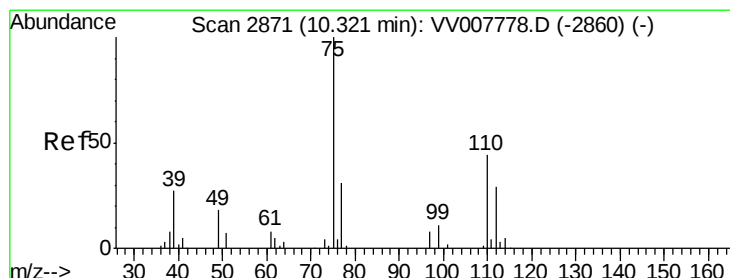
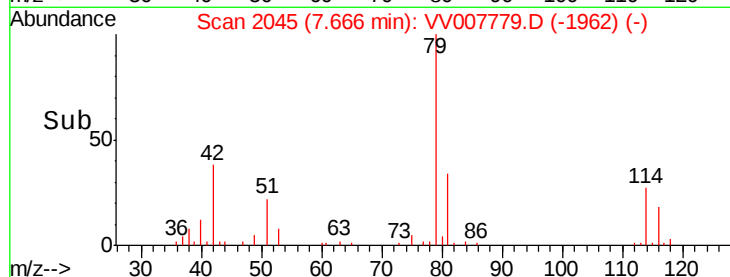
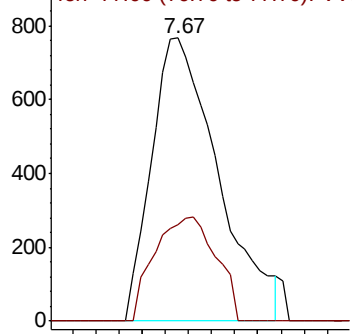
Ion Ratio Lower Upper

75 100

77 34.2 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-2038) (-)



#59

1,2,3-Trichloropropane

Concen: 6.579 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007779.D

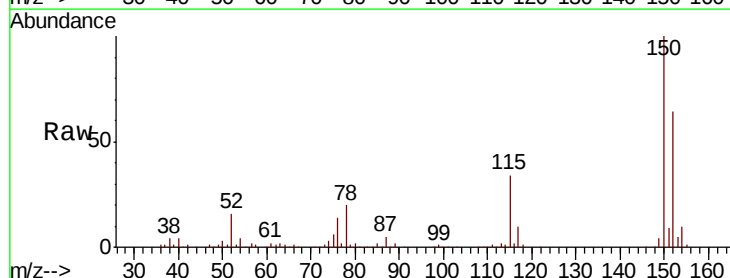
Acq: 23 Sep 2018 11:15

Tgt Ion: 75 Resp: 10342

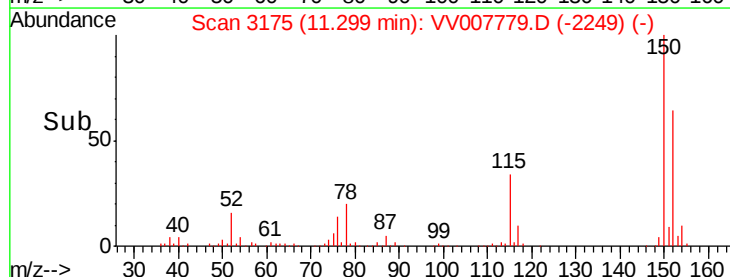
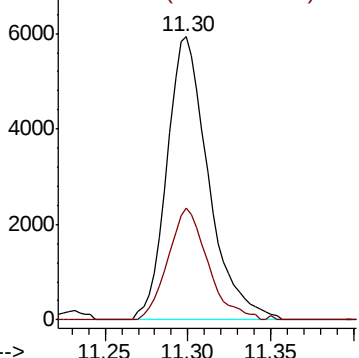
Ion Ratio Lower Upper

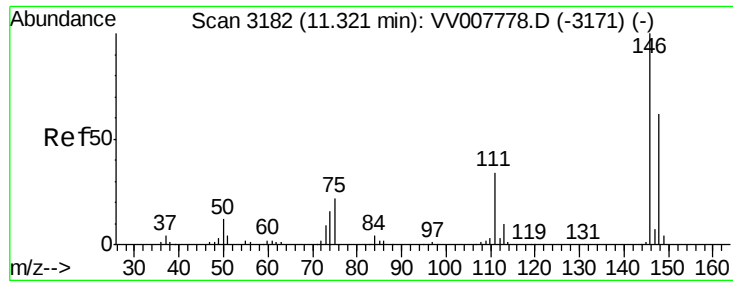
75 100

77 37.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-2860) (-)

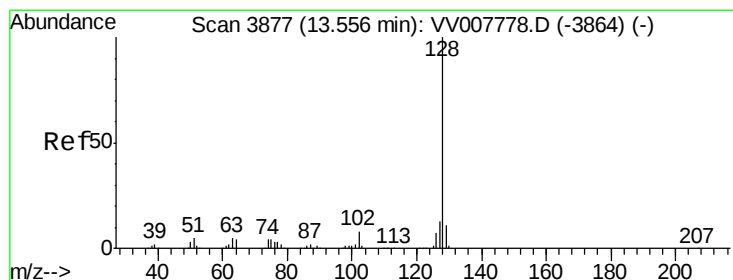
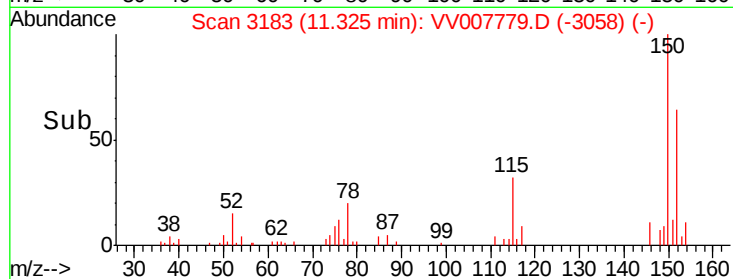
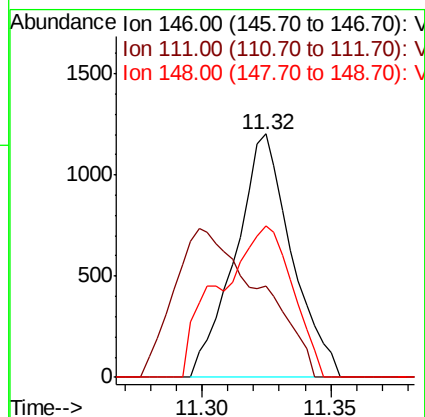
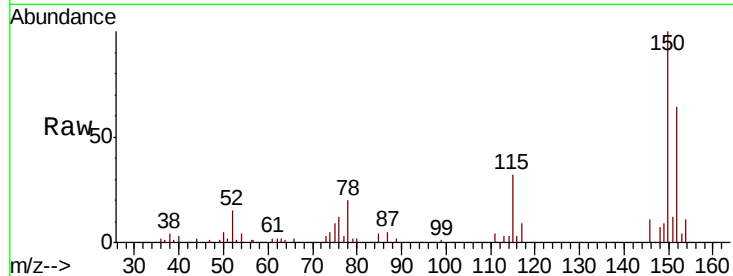




#63
 1,4-Dichlorobenzene
 Concen: 0.560 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007779.D
 Acq: 23 Sep 2018 11:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Tgt Ion:146 Resp: 1823
 Ion Ratio Lower Upper
 146 100
 111 37.3 24.4 45.4
 148 62.3 45.1 83.7



#69
 Naphthalene
 Concen: 0.435 ug/L
 RT: 13.56 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: VV007779.D
 Acq: 23 Sep 2018 11:15

Tgt Ion:128 Resp: 2643
 Ion Ratio Lower Upper
 128 100
 127 7.8 10.6 15.8#
 129 4.6 8.6 13.0#

