

Data File : VV008971.D
Acq On : 17 Dec 2018 11:30
Operator : SY/MD
Sample : VV1217WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Quant Time: Dec 18 01:49:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223707	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88481	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65267	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.92%
7) Chloroethane-d5	1.58	69	50488	61.41	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.82%
11) 1,1-Dichloroethene-d2	2.13	63	127170	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
21) 2-Butanone-d5	3.93	46	97197	111.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.43%
24) Chloroform-d	4.41	84	143291	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
26) 1,2-Dichloroethane-d4	5.08	65	94493	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
32) Benzene-d6	5.10	84	298943	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.04%
36) 1,2-Dichloropropane-d6	6.12	67	89719	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.90%
41) Toluene-d8	7.36	98	277944	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%
43) trans-1,3-Dichloropropene-	7.67	79	45675	53.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.32%
47) 2-Hexanone-d5	8.13	63	54131	87.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106864	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	96912	53.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.22%

Target Compounds

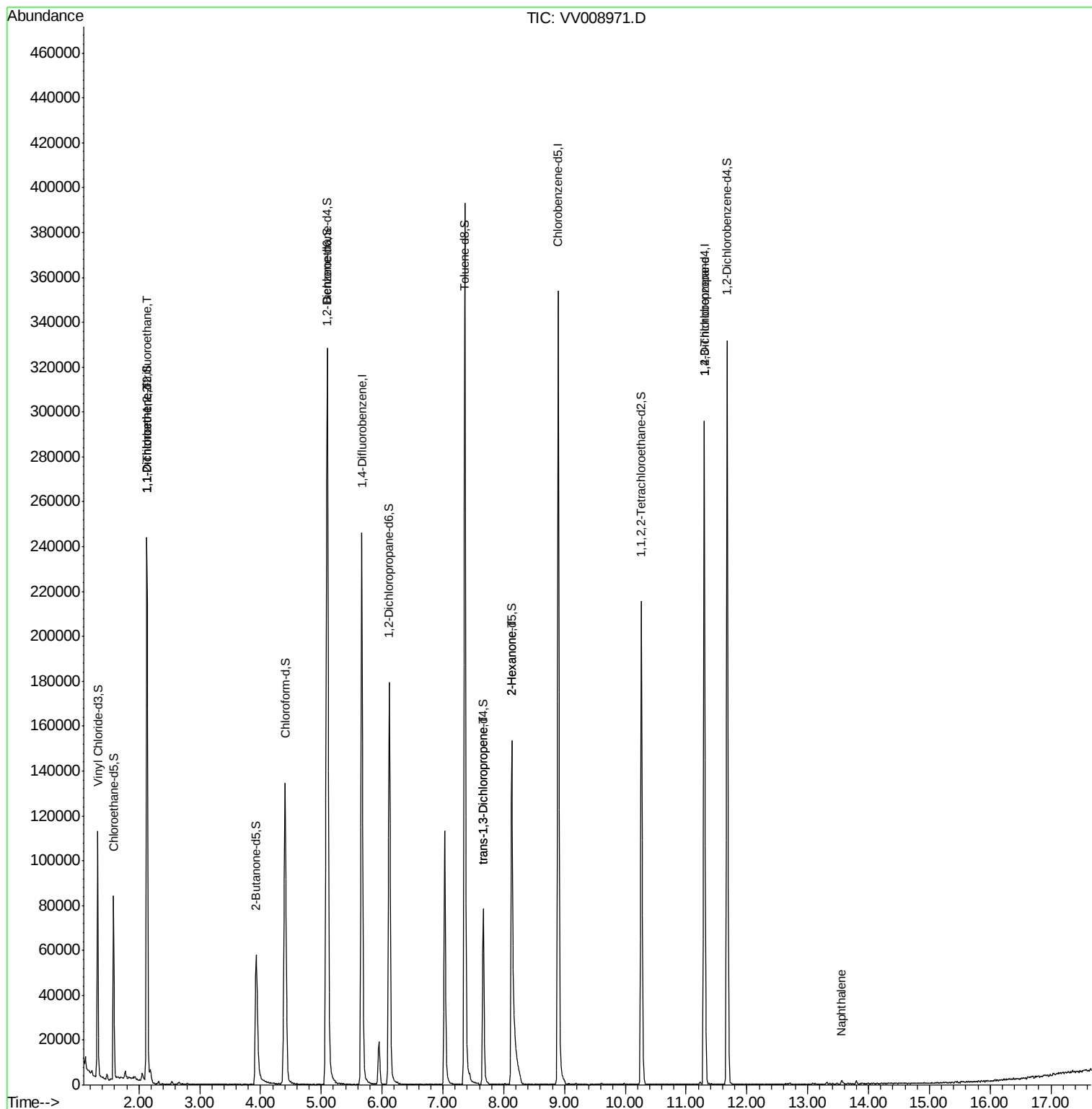
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1312	0.859	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	1444	1.040	ug/L #	1
44) trans-1,3-Dichloropropene	7.66	75	2057	0.937	ug/L #	77
48) 2-Hexanone	8.13	43	6571	4.624	ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	8969	4.821	ug/L	93
69) Naphthalene	13.56	128	1814	0.579	ug/L #	90

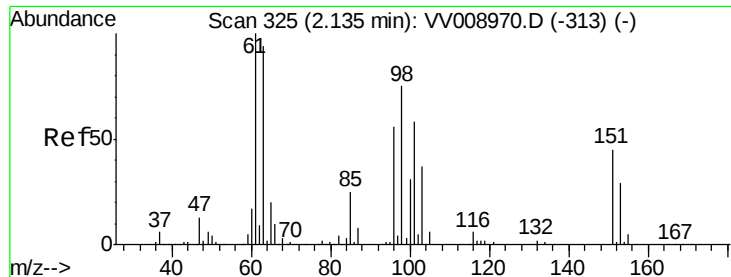
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.859 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008971.D

Acq: 17 Dec 2018 11:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

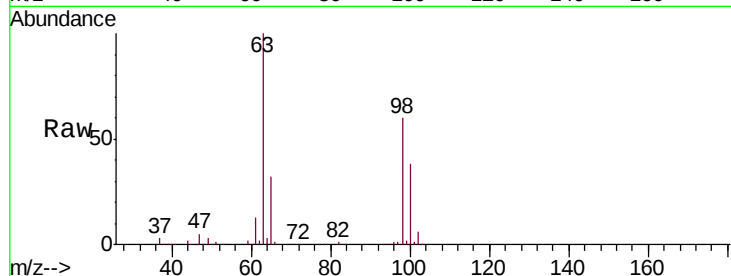
Tgt Ion: 101 Resp: 1312

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

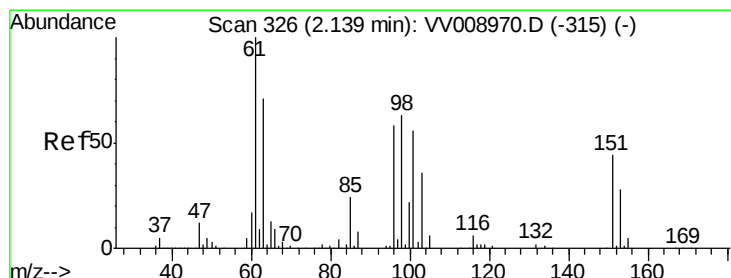
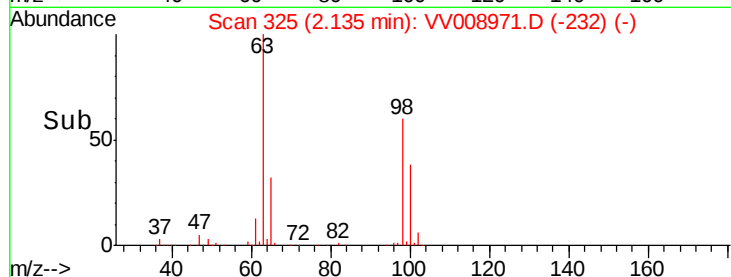
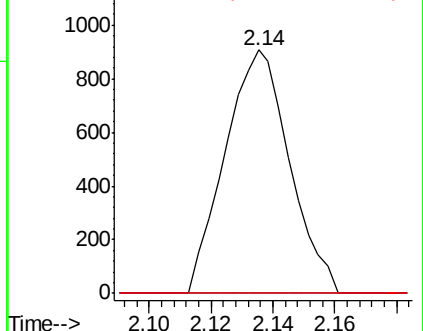
151 0.0 63.8 95.8#



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



#12

1,1-Dichloroethene

Concen: 1.040 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008971.D

Acq: 17 Dec 2018 11:30

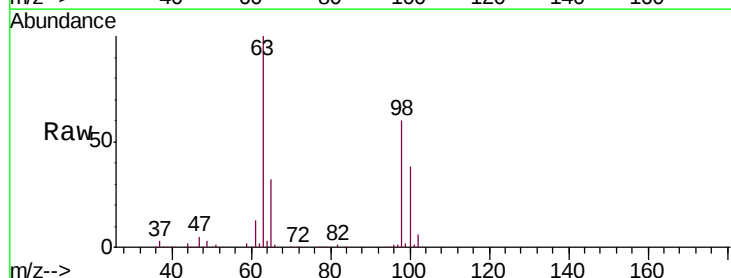
Tgt Ion: 96 Resp: 1444

Ion Ratio Lower Upper

96 100

61 1106.7 119.1 221.3#

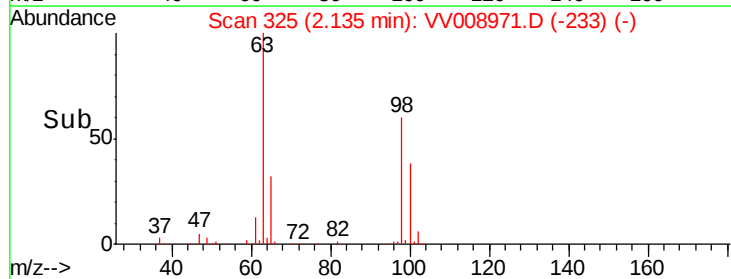
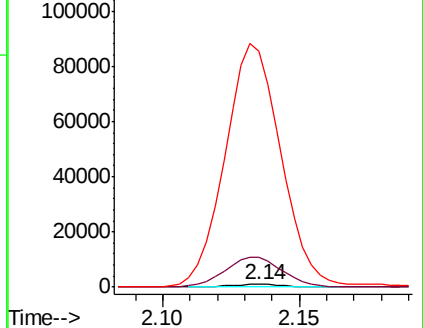
63 8702.0 96.0 178.2#

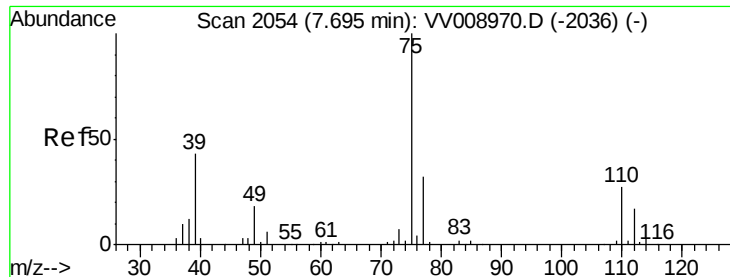


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008971.D

Acq: 17 Dec 2018 11:30

Instrument :

MSVOA_V

ClientSampleId :

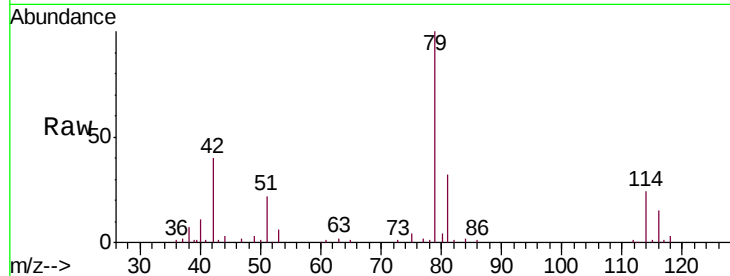
VBLK68

Tgt Ion: 75 Resp: 2057

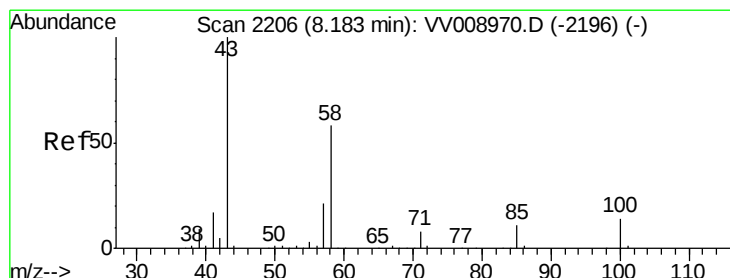
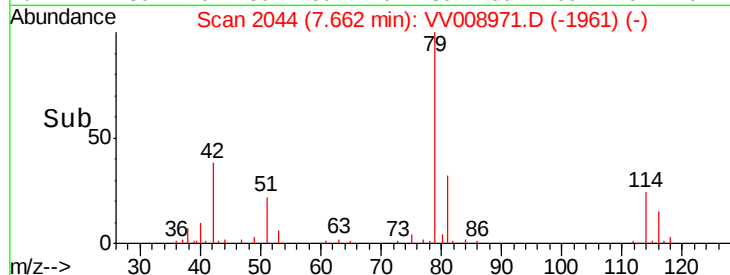
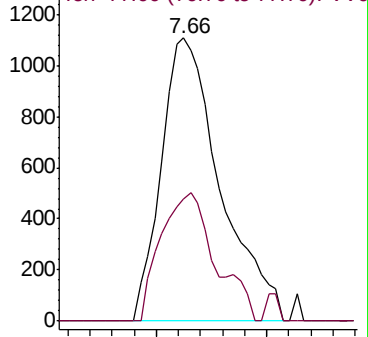
Ion Ratio Lower Upper

75 100

77 43.4 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008971.D (-1961) (-)



#48

2-Hexanone

Concen: 4.624 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV008971.D

Acq: 17 Dec 2018 11:30

Tgt Ion: 43 Resp: 6571

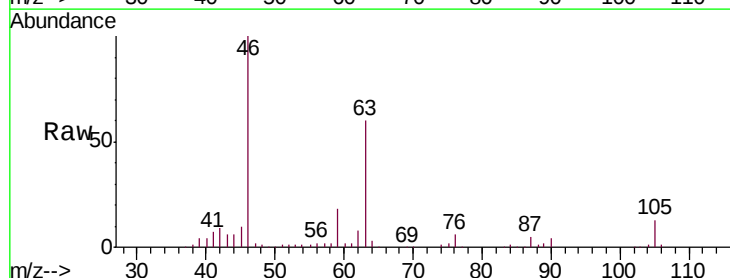
Ion Ratio Lower Upper

43 100

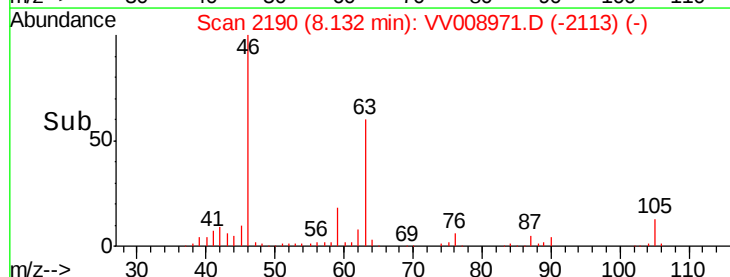
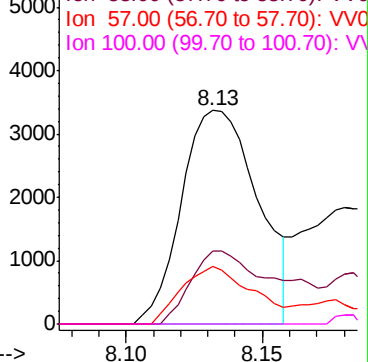
58 32.1 42.7 64.1#

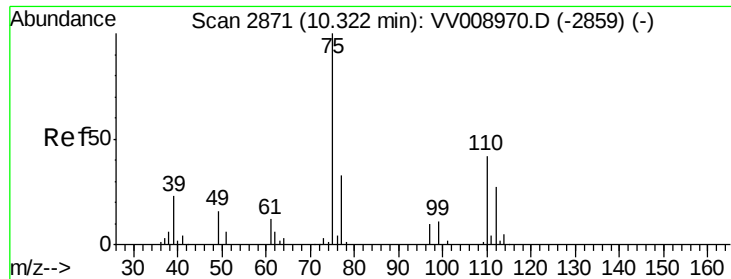
57 24.8 15.7 23.5#

100 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008971.D (-2113) (-)

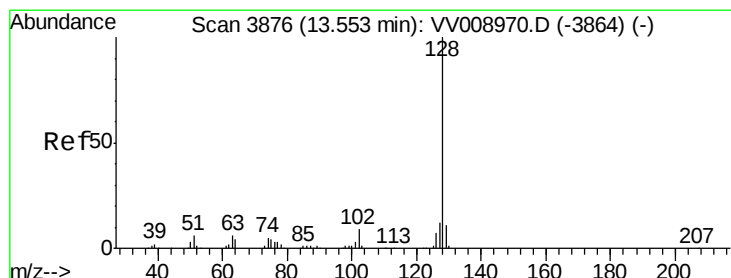
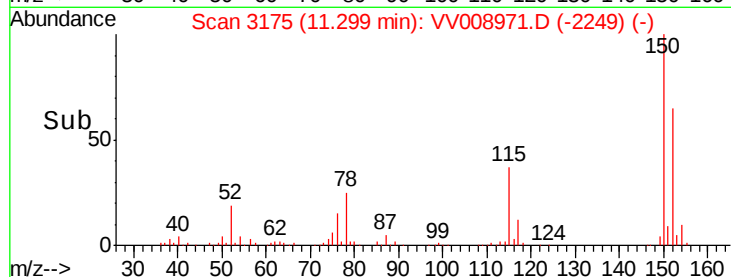
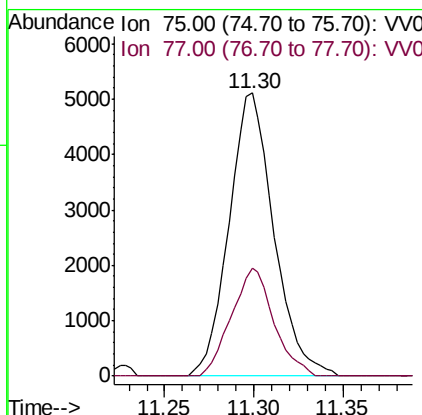
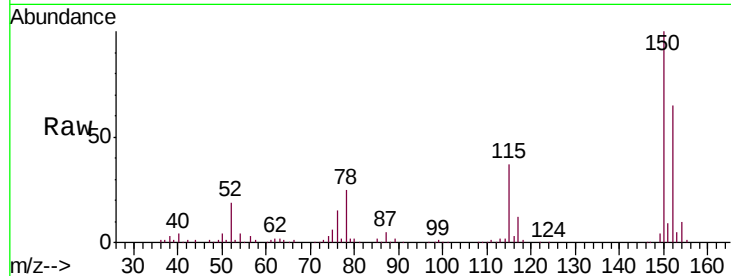




#59
 1,2,3-Trichloropropane
 Concen: 4.821 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008971.D
 Acq: 17 Dec 2018 11:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Tgt Ion: 75 Resp: 8969
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.8 38.8



#69
 Naphthalene
 Concen: 0.579 ug/L
 RT: 13.56 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: VV008971.D
 Acq: 17 Dec 2018 11:30

Tgt Ion: 128 Resp: 1814
 Ion Ratio Lower Upper
 128 100
 127 7.6 10.4 15.6#
 129 8.7 8.6 12.8

