

Data File : VV008728.D
Acq On : 27 Nov 2018 12:00
Operator : SY/MD
Sample : J6036-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 28 02:11:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 28 02:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	283638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	259131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86324	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.58	69	66711	61.03	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.06%
11) 1,1-Dichloroethene-d2	2.13	63	120790	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	3.93	46	141992	87.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	4.40	84	181881	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	5.08	65	118745	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.10	84	384802	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.12	67	120312	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.36	98	343343	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.66	79	51144	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.13	63	92278	80.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.99%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142284	41.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	112566	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1166	0.727	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	1073	0.745	ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	2177	0.748	ug/L	93
48) 2-Hexanone	8.13	43	11200	4.521	ug/L #	72
51) Chlorobenzene	8.93	112	2311	0.419	ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	12778	4.483	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	2576	0.727	ug/L #	86
65) 1,2-Dichlorobenzene	11.70	146	1940	0.541	ug/L	90

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

Data File : VV008728.D

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```
ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

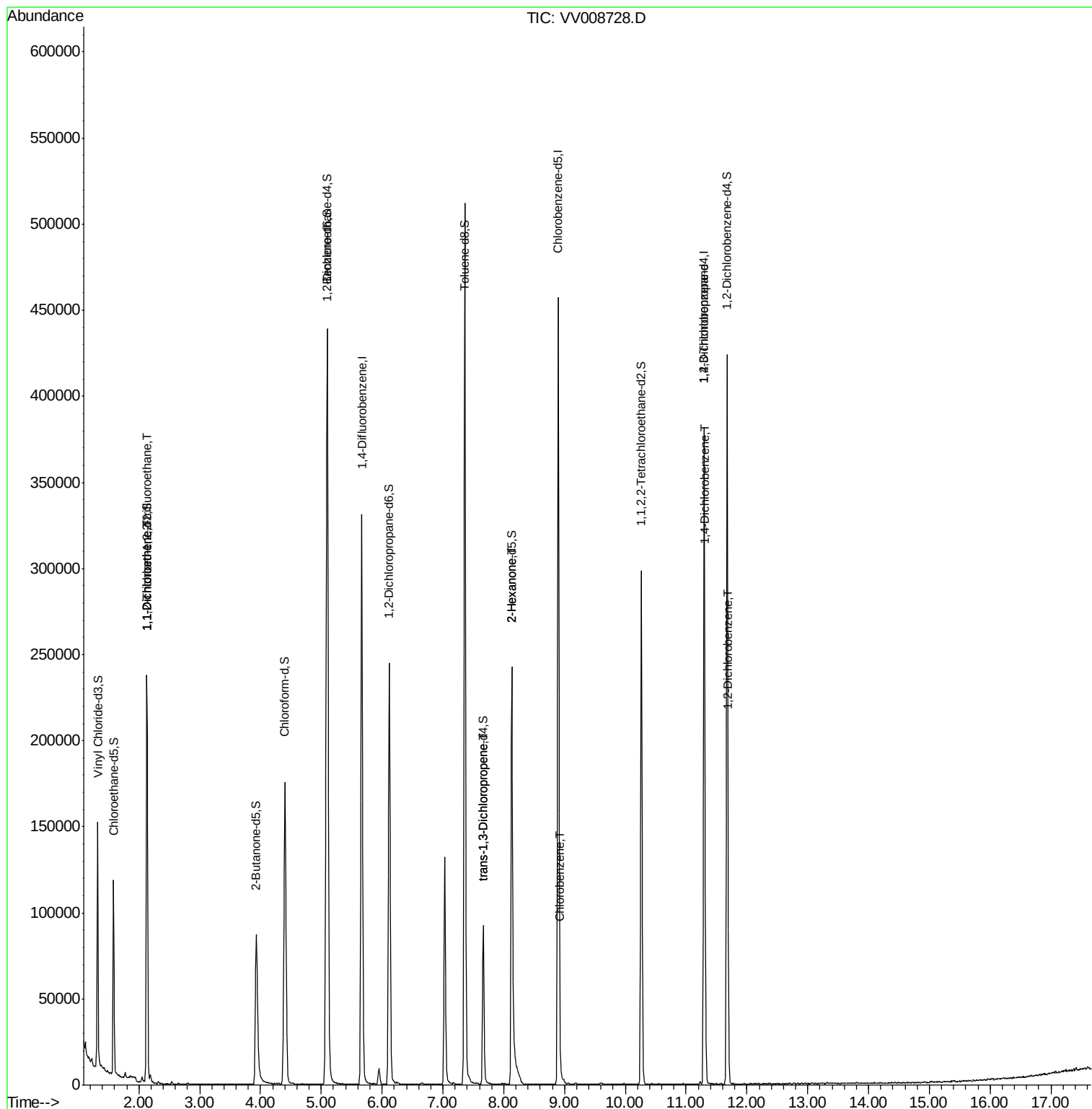
Quant Time: Nov 28 02:11:51 2018

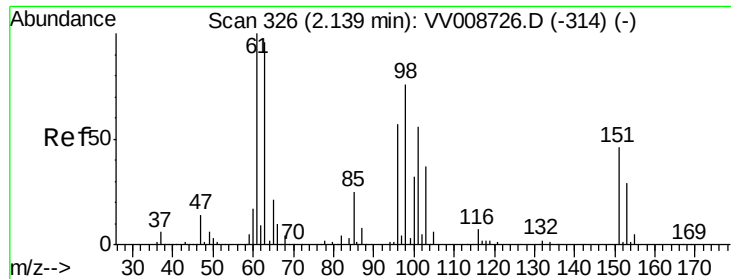
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM112018WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 28 02:09:03 2018

Response via : Initial Calibration





#10

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

Concen: 0.727 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008728.D

Acq: 27 Nov 2018 12:00

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

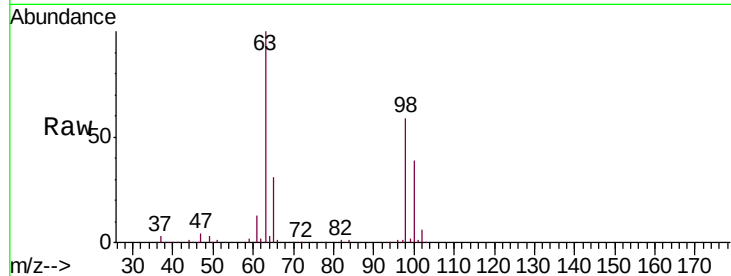
Tgt Ion:101 Resp: 1166

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

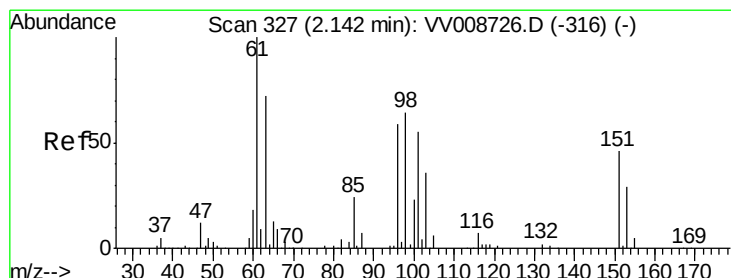
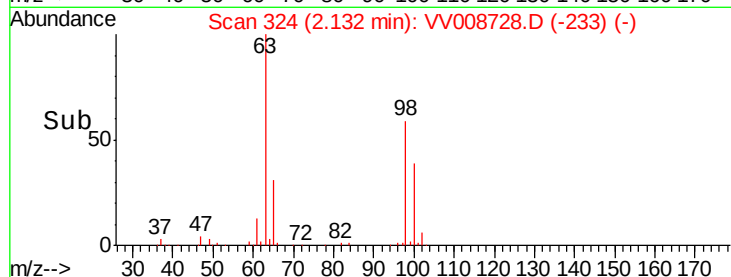
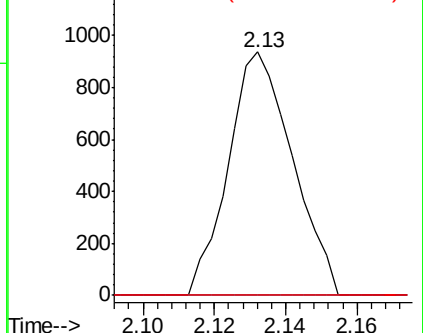
151 0.0 63.8 95.8#



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



#12

1,1-Dichloroethene

Concen: 0.745 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008728.D

Acq: 27 Nov 2018 12:00

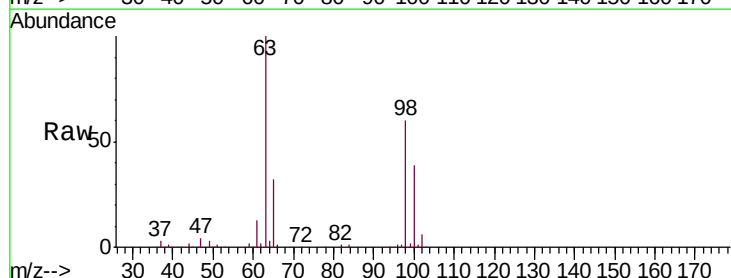
Tgt Ion: 96 Resp: 1073

Ion Ratio Lower Upper

96 100

61 1589.5 120.3 223.3#

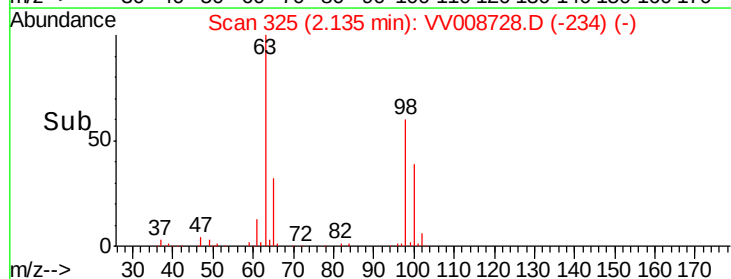
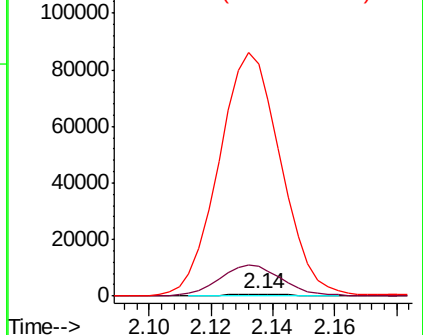
63 12312.3 113.3 210.5#

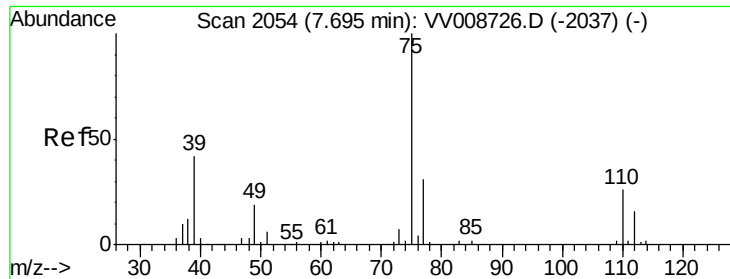


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

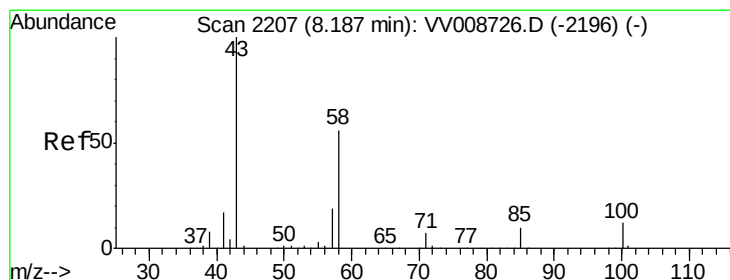
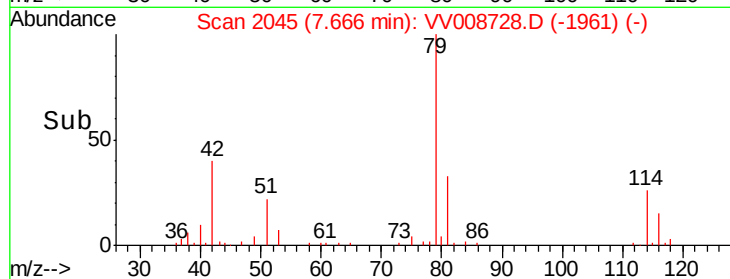
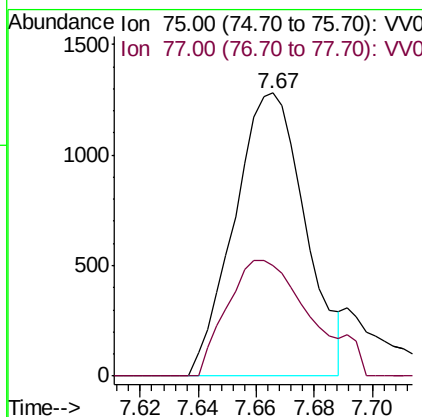
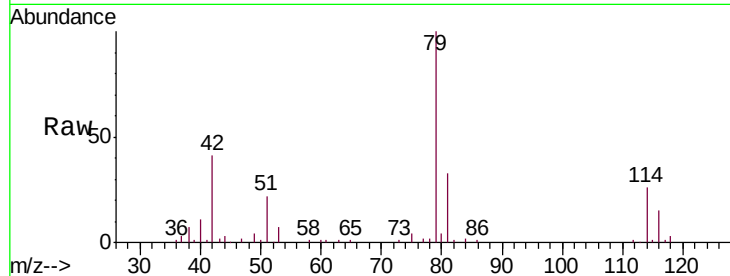




#44
trans-1,3-Dichloropropene
Concen: 0.748 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008728.D
Acq: 27 Nov 2018 12:00

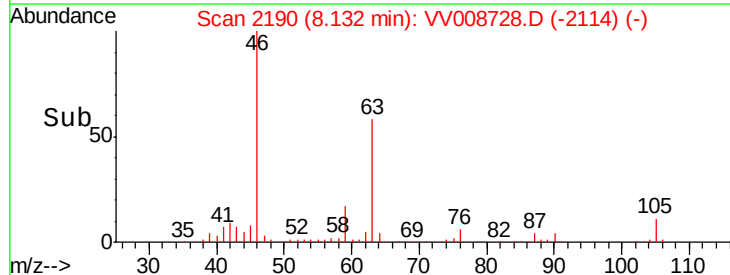
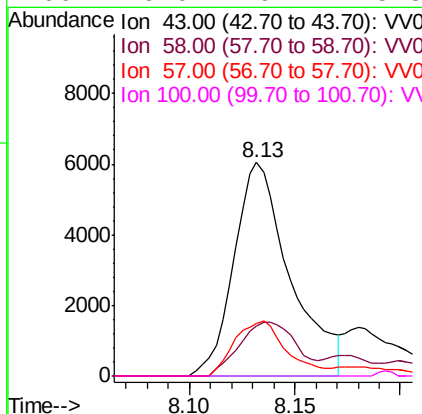
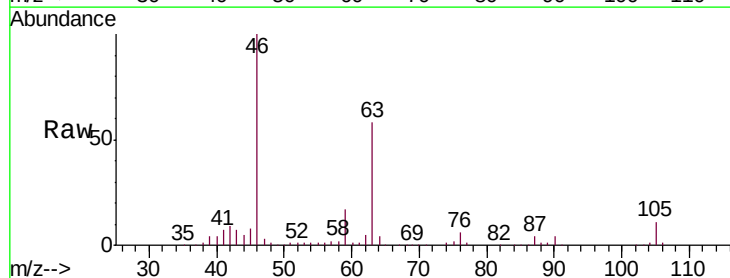
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

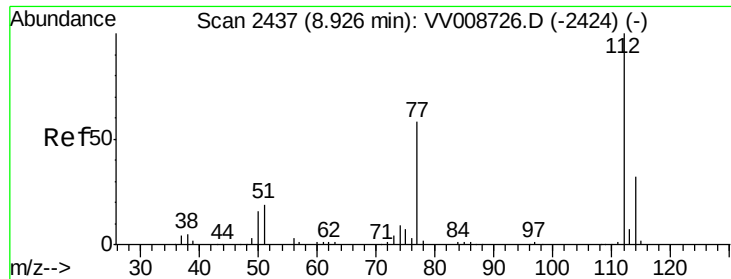
Tgt Ion: 75 Resp: 2177
Ion Ratio Lower Upper
75 100
77 39.3 24.6 45.8



#48
2-Hexanone
Concen: 4.521 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV008728.D
Acq: 27 Nov 2018 12:00

Tgt Ion: 43 Resp: 11200
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.0#
57 23.7 17.1 25.7
100 0.0 9.2 13.8#





#51

Chlorobenzene

Concen: 0.419 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008728.D

Acq: 27 Nov 2018 12:00

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

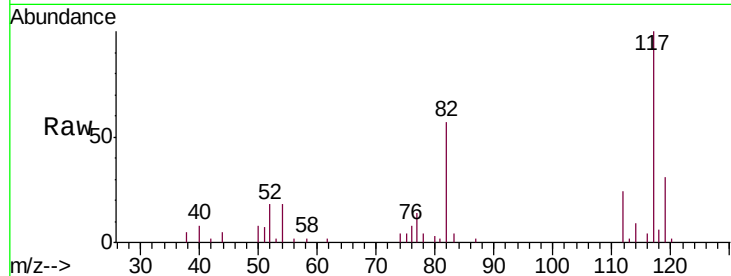
Tgt Ion:112 Resp: 2311

Ion Ratio Lower Upper

112 100

114 37.1 22.9 42.5

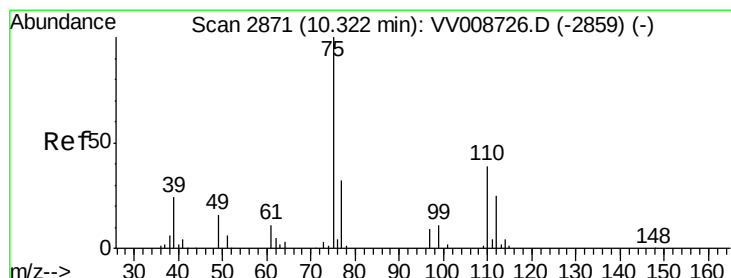
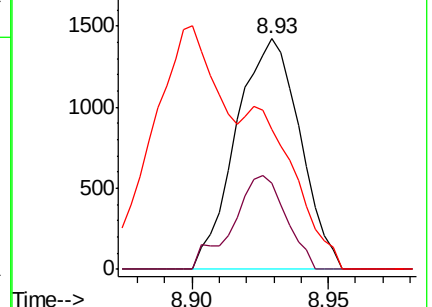
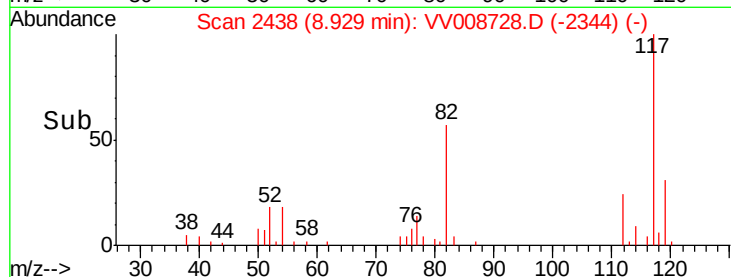
77 60.6 53.8 80.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 4.483 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008728.D

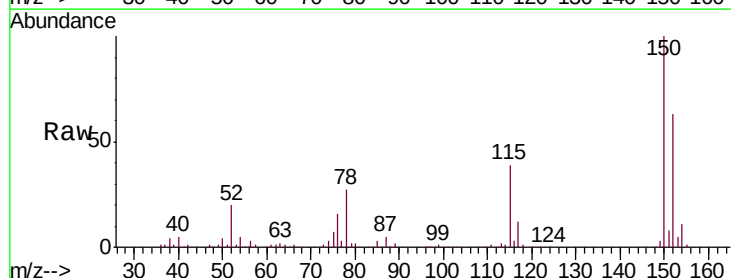
Acq: 27 Nov 2018 12:00

Tgt Ion: 75 Resp: 12778

Ion Ratio Lower Upper

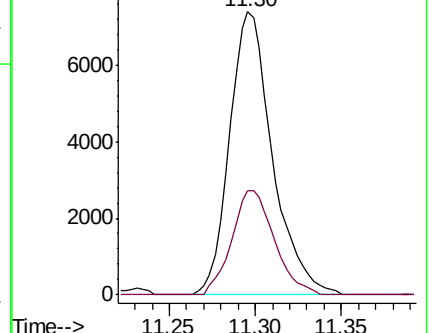
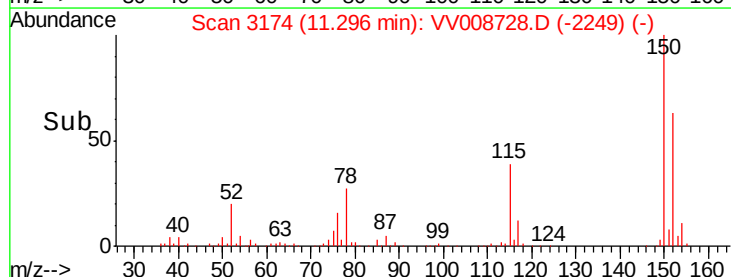
75 100

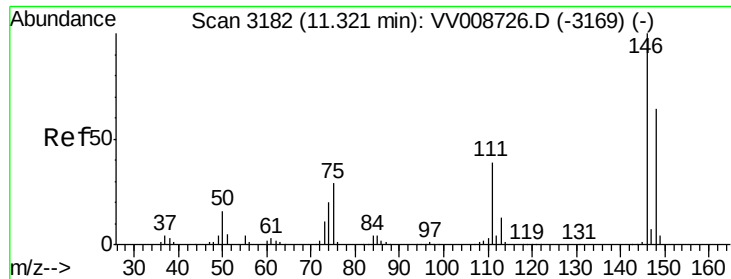
77 36.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

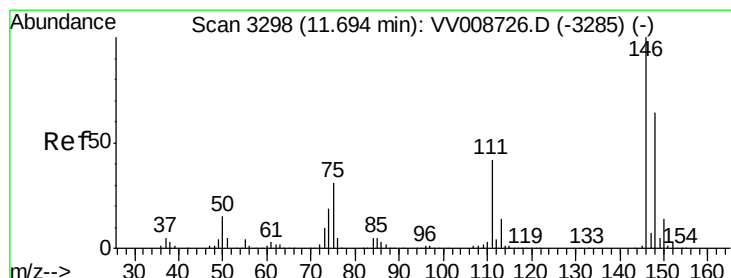
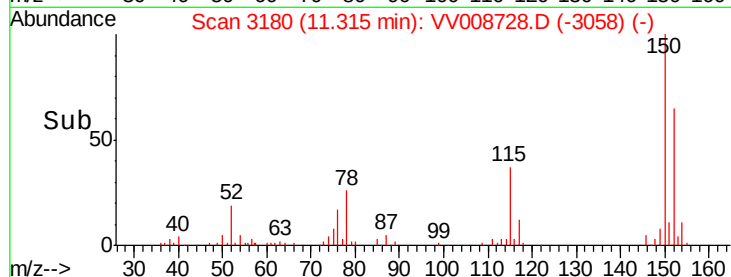
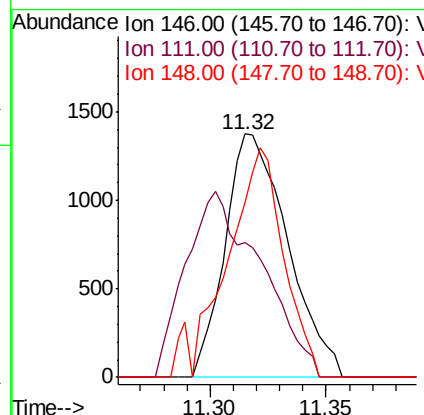
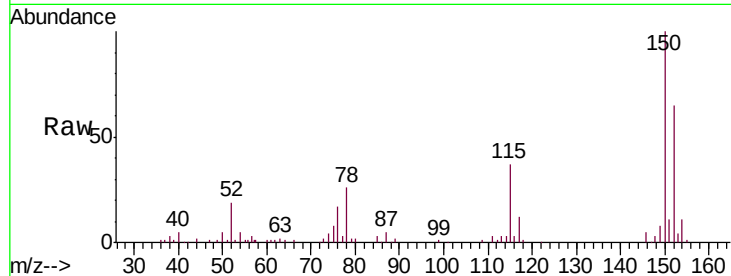




#63
 1,4-Dichlorobenzene
 Concen: 0.727 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: VV008728.D
 Acq: 27 Nov 2018 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:146 Resp: 2576
 Ion Ratio Lower Upper
 146 100
 111 55.1 27.7 51.5#
 148 71.7 46.4 86.2



#65
 1,2-Dichlorobenzene
 Concen: 0.541 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV008728.D
 Acq: 27 Nov 2018 12:00

Tgt Ion:146 Resp: 1940
 Ion Ratio Lower Upper
 146 100
 111 54.2 36.5 54.7
 148 54.6 48.7 73.1

