

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018369.D
 Acq On : 21 Sep 2020 14:31
 Operator : SY/MD
 Sample : L4090-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX09

Quant Time: Sep 22 04:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	75947	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95806	73.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	146.34%#
7) Chloroethane-d5	1.58	69	82463	76.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	153.92%#
11) 1,1-Dichloroethene-d2	2.12	63	141006	58.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.42%
21) 2-Butanone-d5	3.91	46	119643	149.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	149.28%#
24) Chloroform-d	4.38	84	177628	78.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	156.38%#
26) 1,2-Dichloroethane-d4	5.06	65	116812	80.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.42%#
32) Benzene-d6	5.07	84	358193	77.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	154.90%#
36) 1,2-Dichloropropane-d6	6.09	67	114662	78.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	156.06%#
41) Toluene-d8	7.34	98	312441	74.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	148.26%#
43) trans-1,3-Dichloropropene-	7.64	79	54411	72.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	145.74%#
47) 2-Hexanone-d5	8.11	63	70238	126.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124450	67.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.96%#
64) 1,2-Dichlorobenzene-d4	11.65	152	130902	83.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	167.86%#

Target Compounds

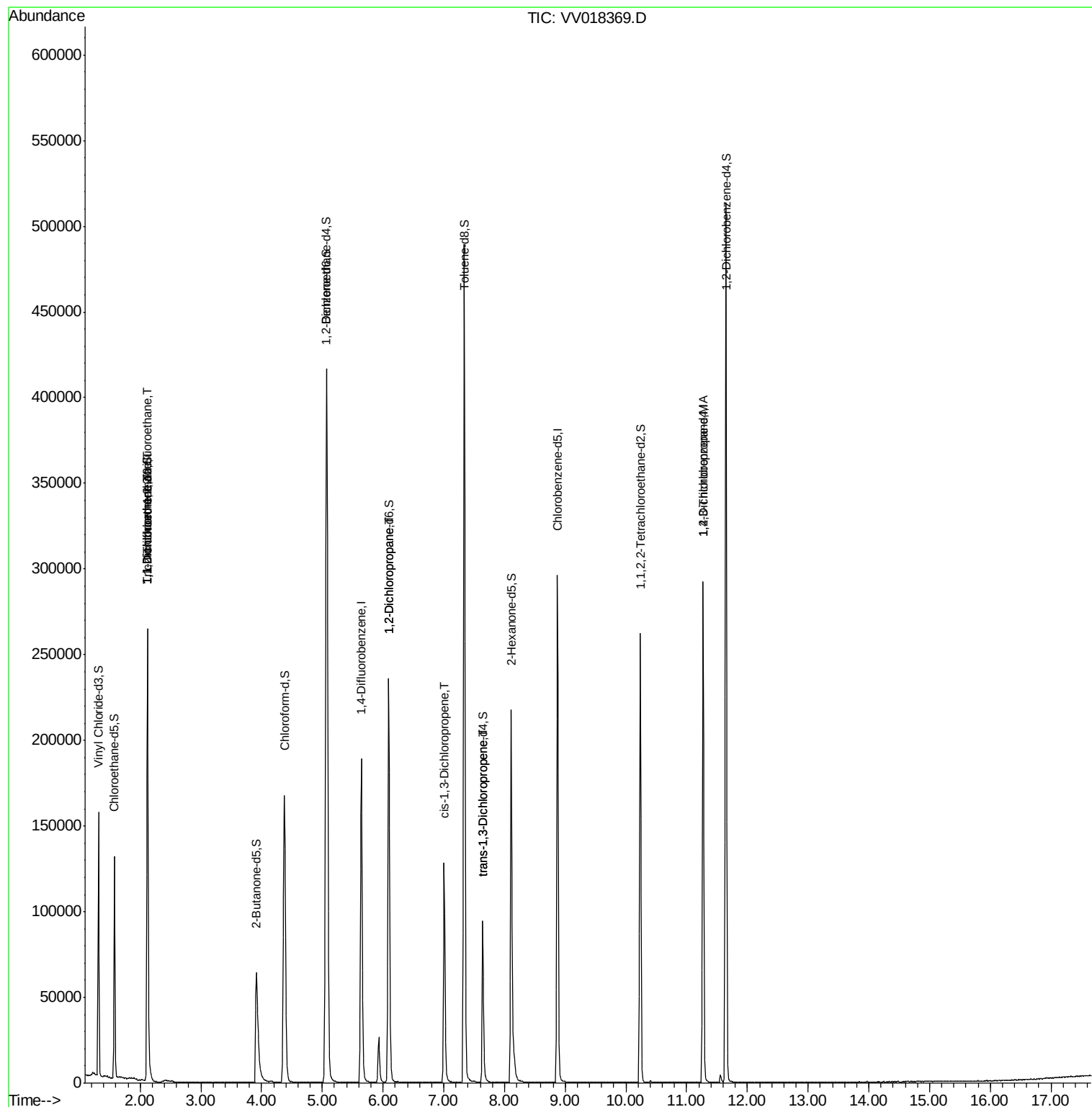
					Ovalue
9) Trichlorofluoromethane	2.12	101	1396	0.773 ug/L #	22
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1396	1.288 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1154	1.094 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	12411	10.140 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3065	1.625 ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	2238	1.219 ug/L	90
59) 1,2,3-Trichloropropane	11.27	75	8633	5.997 ug/L #	88

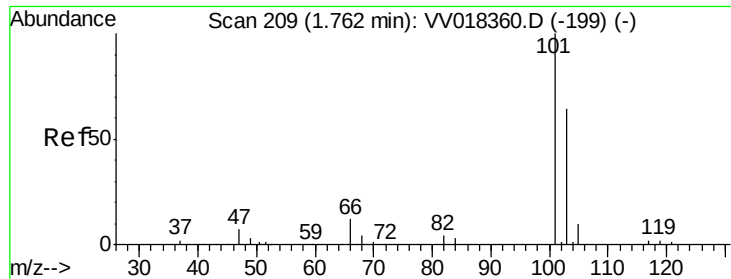
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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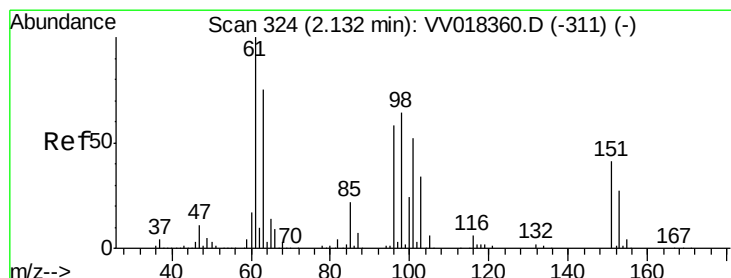
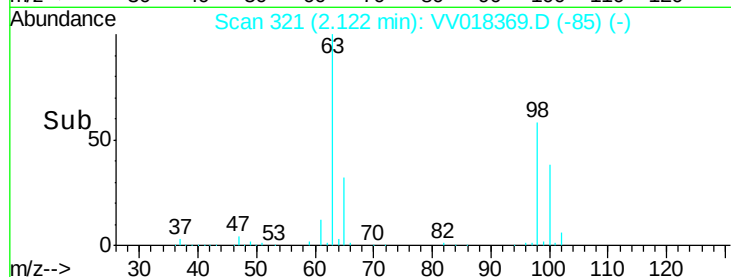
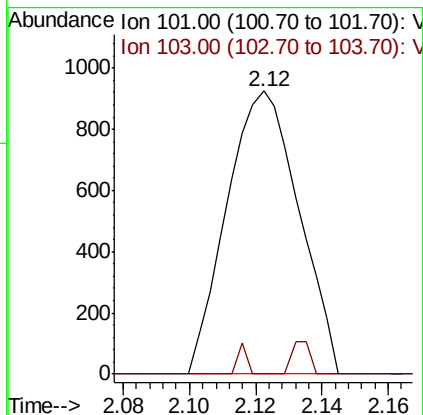
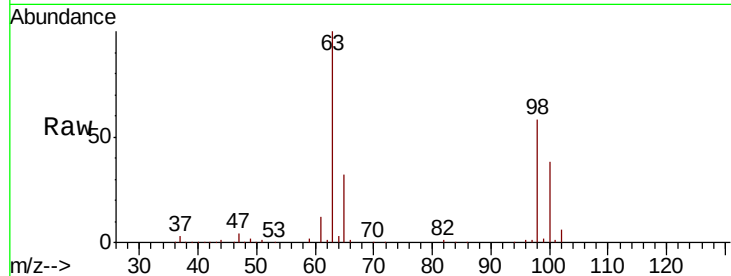


#9

Trichlorofluoromethane
 Concen: 0.773 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV018369.D
 Acq: 21 Sep 2020 14:31

Instrument :
 MSVOA_V
 ClientSampleID :
 BFX09

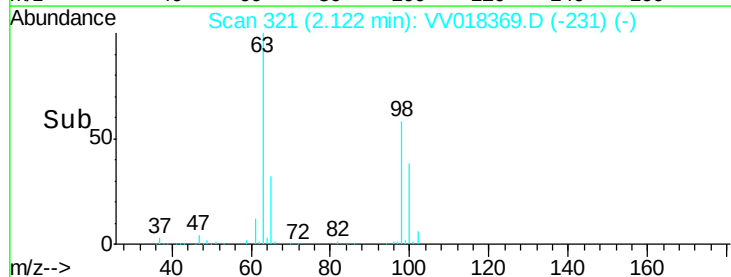
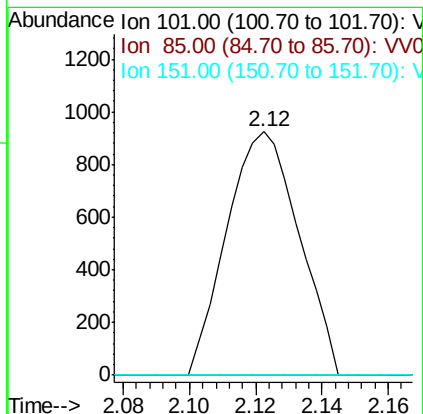
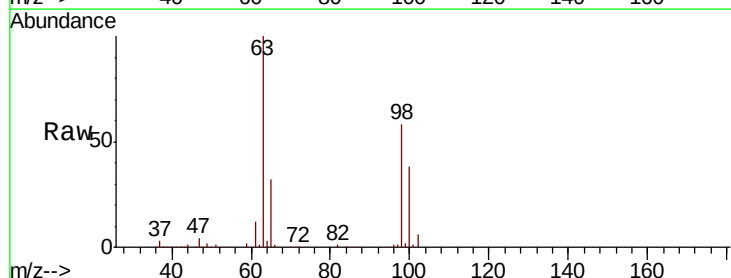
Tot Ion:101 Resp: 1396
 Ion Ratio Lower Upper
 101 100
 103 2.9 51.8 77.6#

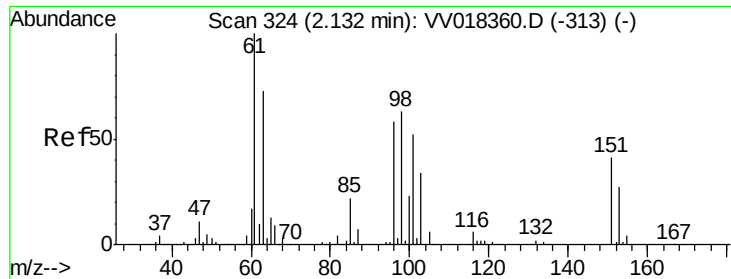


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.288 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018369.D
 Acq: 21 Sep 2020 14:31

Tgt Ion:101 Resp: 1396
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.5 50.3#
 151 0.0 62.2 93.2#

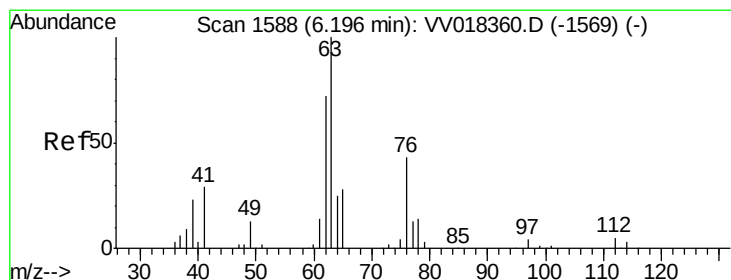
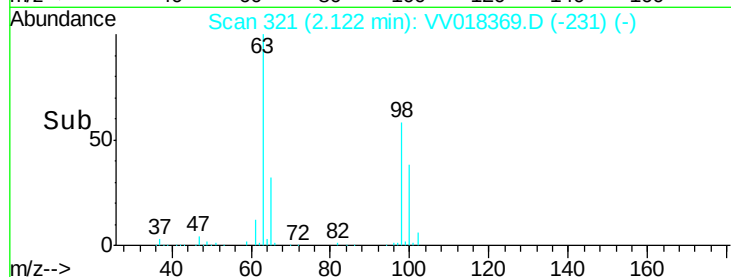
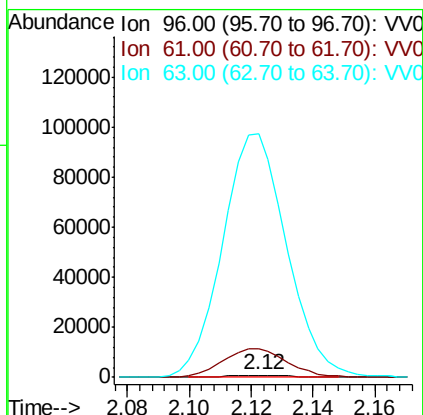
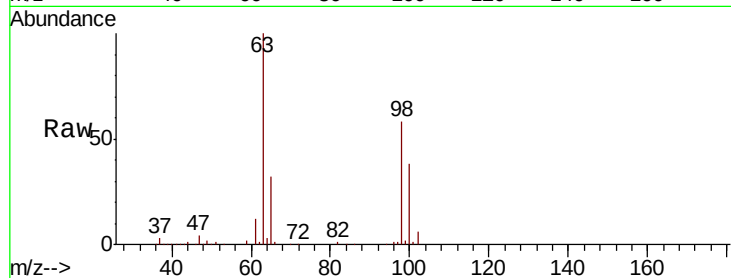




#12
 1,1-Dichloroethene
 Concen: 1.094 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018369.D
 Acq: 21 Sep 2020 14:31

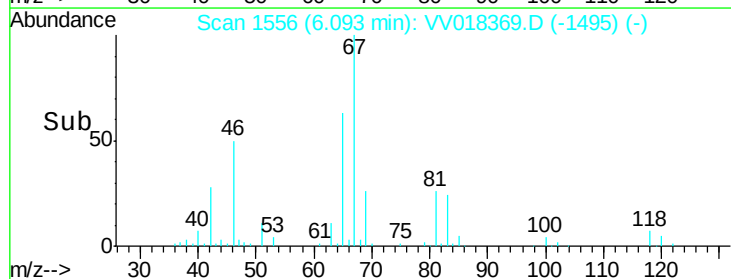
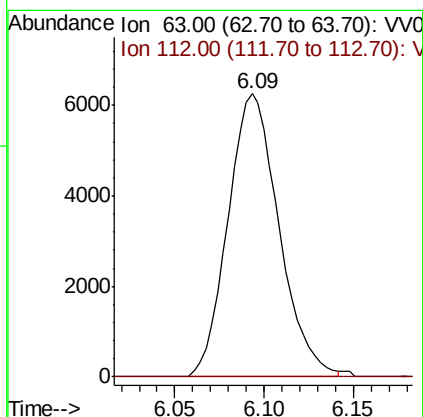
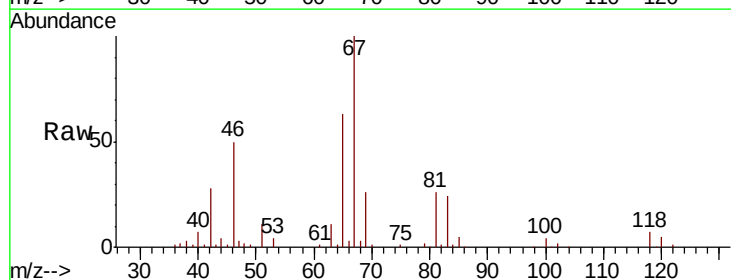
Instrument :
 MSVOA_V
 ClientSampled :
 BFX09

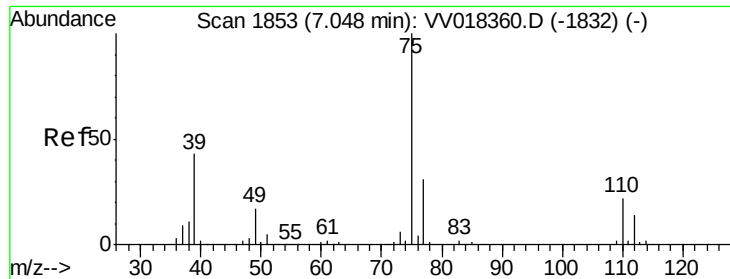
Tot Ion: 96 Resp: 1154
 Ion Ratio Lower Upper
 96 100
 61 1417.9 122.9 228.3#
 63 11929.4 91.9 170.7#



#37
 1,2-Dichloropropane
 Concen: 10.140 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018369.D
 Acq: 21 Sep 2020 14:31

Tgt Ion: 63 Resp: 12411
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.625 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018369.D

Acq: 21 Sep 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

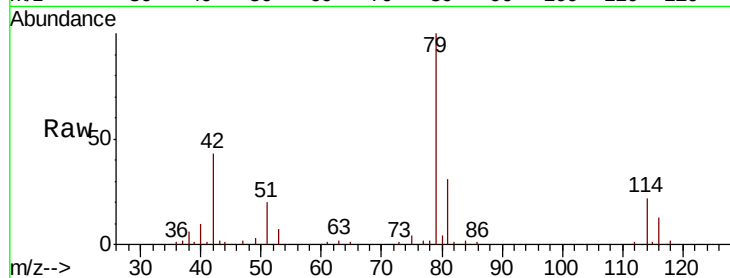
BFX09

Tot Ion: 75 Resp: 3065

Ion Ratio Lower Upper

75 100

77 47.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

2000

1500

1000

500

0

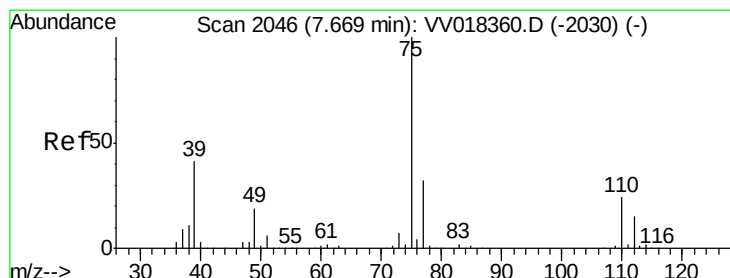
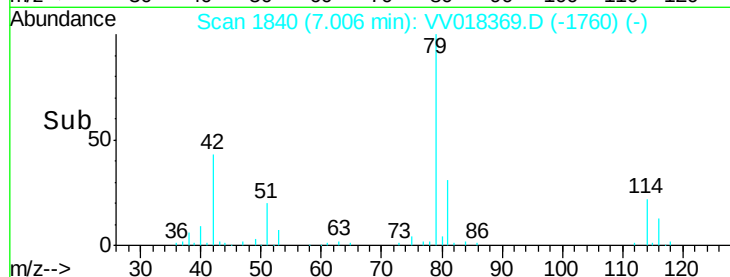
7.01

7.00

6.95

7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.219 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018369.D

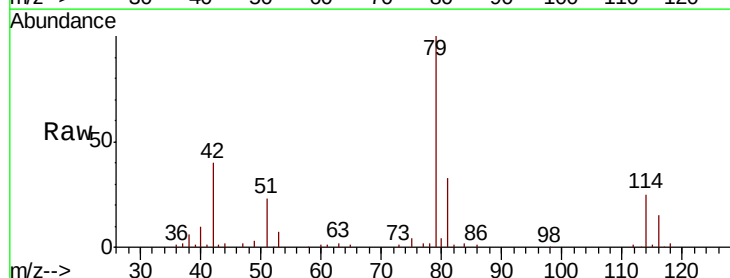
Acq: 21 Sep 2020 14:31

Tgt Ion: 75 Resp: 2238

Ion Ratio Lower Upper

75 100

77 37.3 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

1500

1000

500

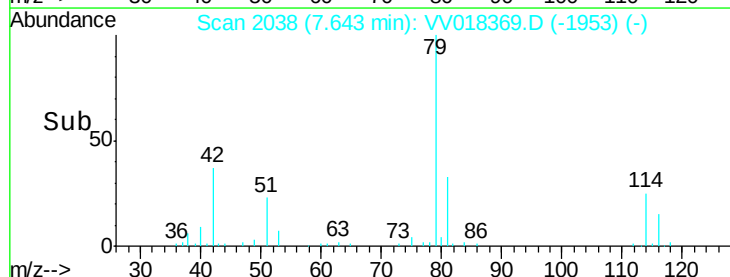
0

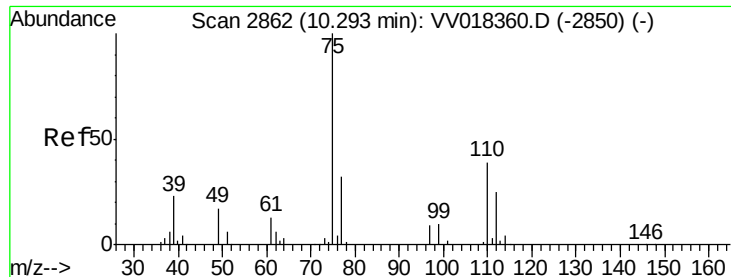
7.64

7.60

7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.997 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018369.D

Acq: 21 Sep 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

BFX09

Tot Ion: 75 Resp: 8633

Ion Ratio Lower Upper

75 100

77 38.9 25.8 38.6#

