

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018232.D
 Acq On : 16 Sep 2020 13:10
 Operator : SY/MD
 Sample : L4012-14DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:39:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172424	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	82250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98835	70.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	140.68%#
7) Chloroethane-d5	1.58	69	80497	70.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	140.02%#
11) 1,1-Dichloroethene-d2	2.12	63	141623	54.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.88%
21) 2-Butanone-d5	3.91	46	113222	131.64	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.64%#
24) Chloroform-d	4.38	84	171227	70.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.46%#
26) 1,2-Dichloroethane-d4	5.06	65	113511	72.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	145.26%#
32) Benzene-d6	5.08	84	348452	70.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.68%#
36) 1,2-Dichloropropane-d6	6.09	67	111040	70.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	141.10%#
41) Toluene-d8	7.34	98	315689	69.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.86%#
43) trans-1,3-Dichloropropene-	7.64	79	53714	67.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	134.32%#
47) 2-Hexanone-d5	8.11	63	84314	141.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.42%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142082	71.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	143.84%#
64) 1,2-Dichlorobenzene-d4	11.65	152	128635	76.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.30%#

Target Compounds

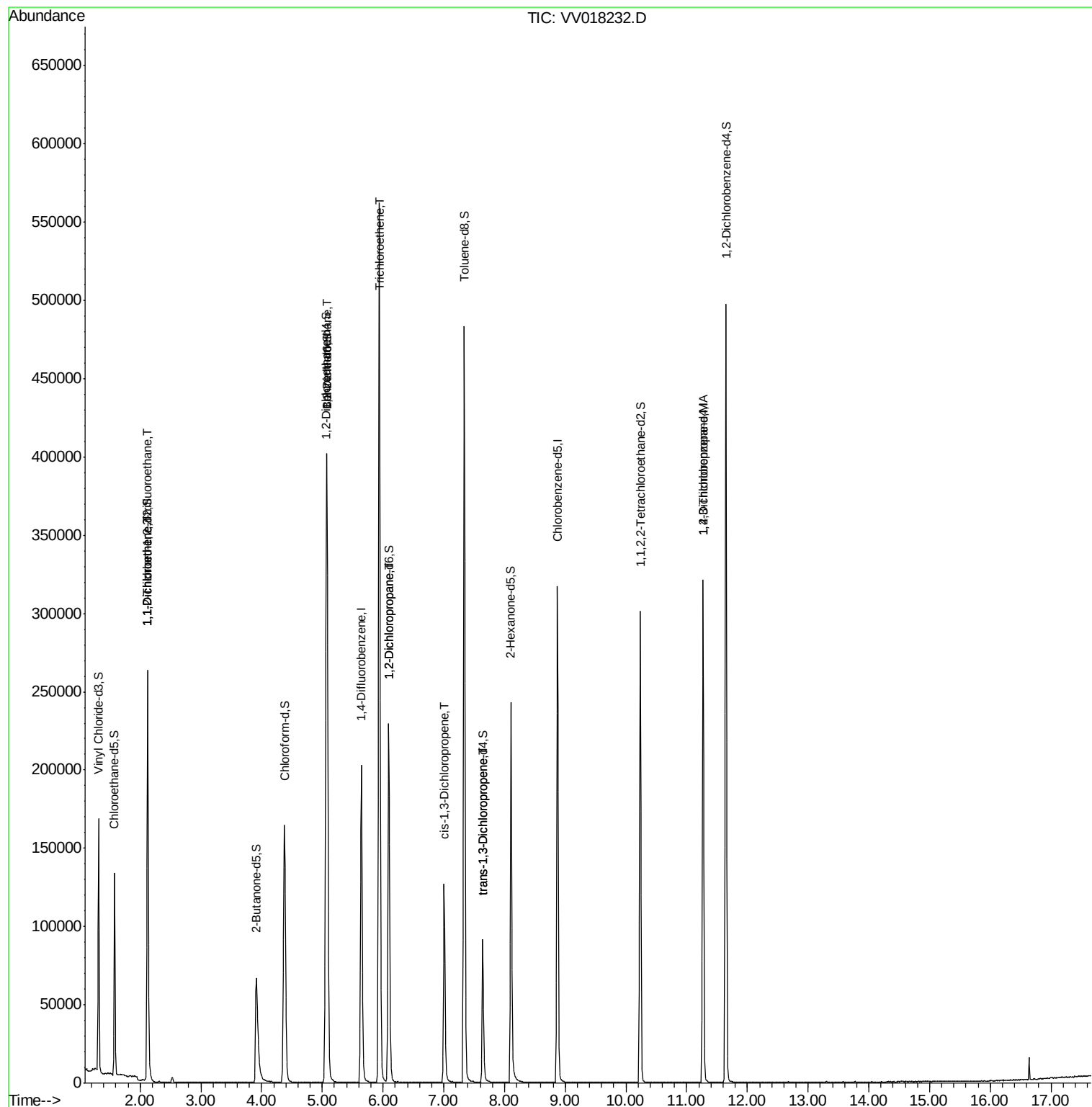
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1209	1.039 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1181	1.043 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	1945	1.120 ug/L #	74
34) Trichloroethene	5.94	95	198804	147.511 ug/L	99
37) 1,2-Dichloropropane	6.09	63	11946	9.112 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3227	1.598 ug/L #	64
44) trans-1,3-Dichloropropene	7.64	75	2174	1.105 ug/L	92
59) 1,2,3-Trichloropropane	11.27	75	9384	6.086 ug/L	92

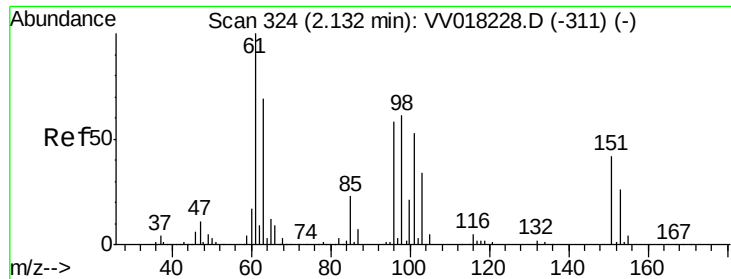
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 04:38:07 2020
Response via : Initial Calibration





#10

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

Concen: 1.039 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018232.D

Acq: 16 Sep 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

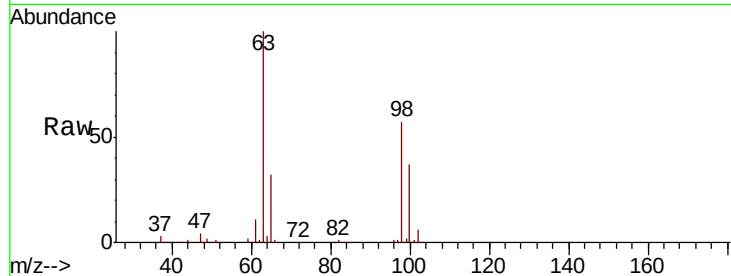
Tot Ion:101 Resp: 1209

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#

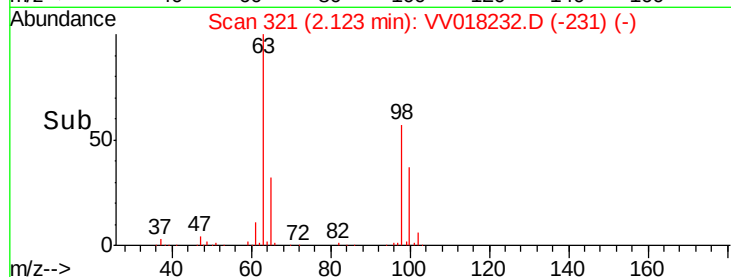


Abundance Ion 101.00 (100.70 to 101.70): VV018232.D (-231) (-)

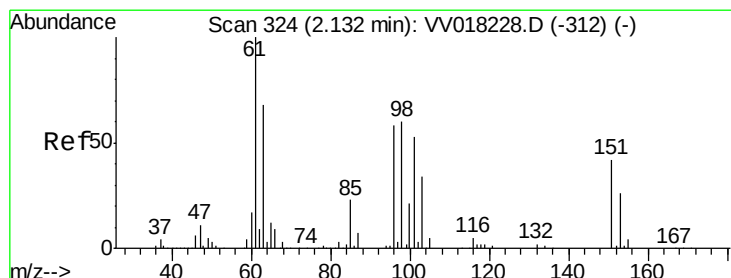
Ion 85.00 (84.70 to 85.70): VV018232.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018232.D (-231) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 1.043 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018232.D

Acq: 16 Sep 2020 13:10

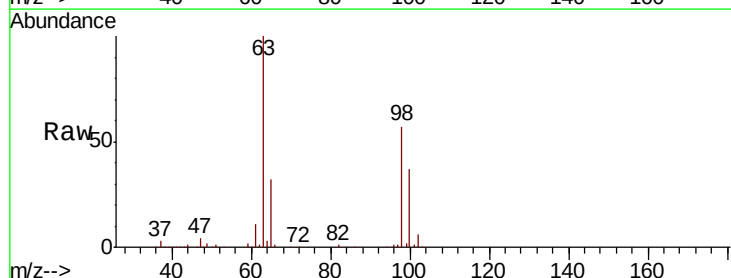
Tgt Ion: 96 Resp: 1181

Ion Ratio Lower Upper

96 100

61 1480.4 122.9 228.3#

63 12973.5 91.9 170.7#

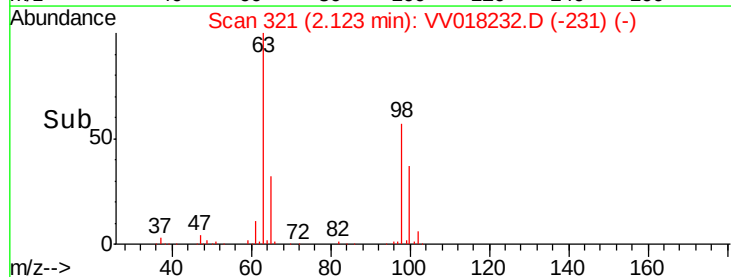


Abundance Ion 96.00 (95.70 to 96.70): VV018232.D (-231) (-)

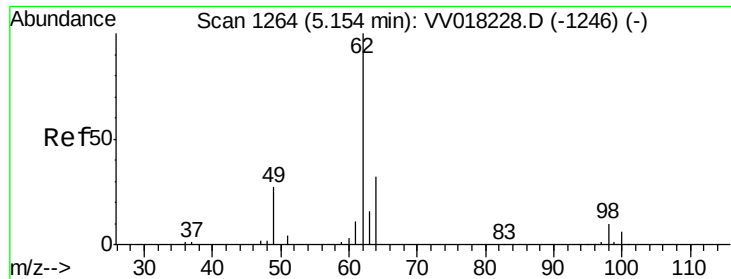
Ion 61.00 (60.70 to 61.70): VV018232.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018232.D (-231) (-)

Time-->



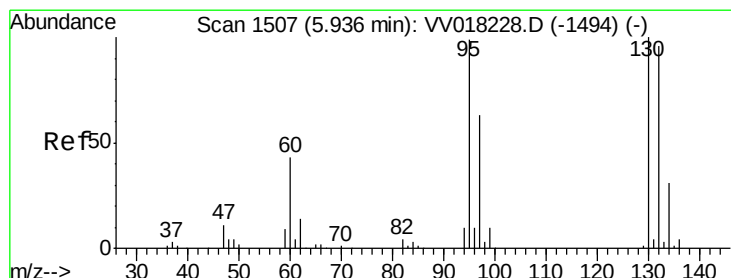
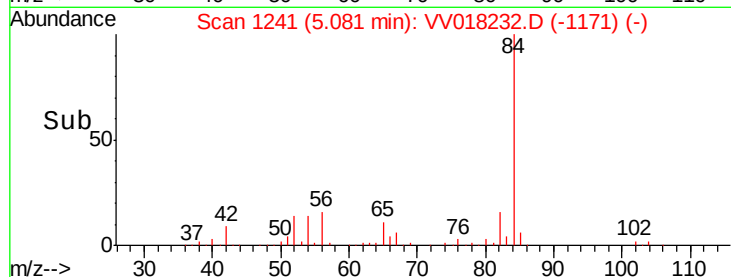
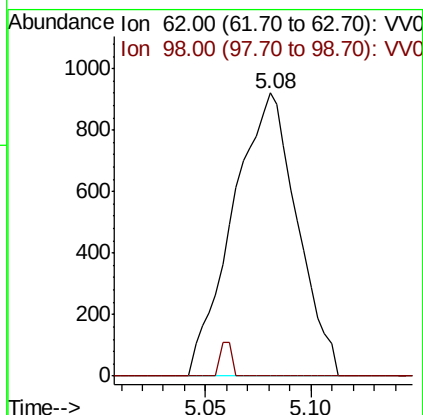
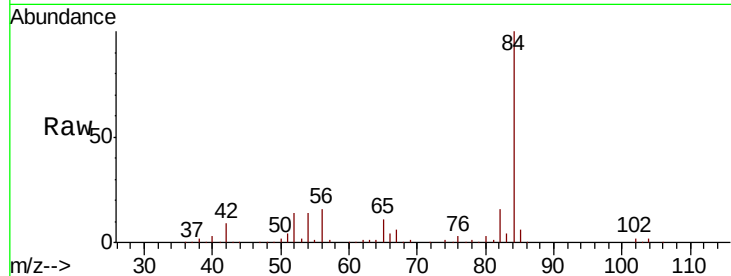
Time-->



#27
 1,2-Dichloroethane
 Concen: 1.120 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV018232.D
 Acq: 16 Sep 2020 13:10

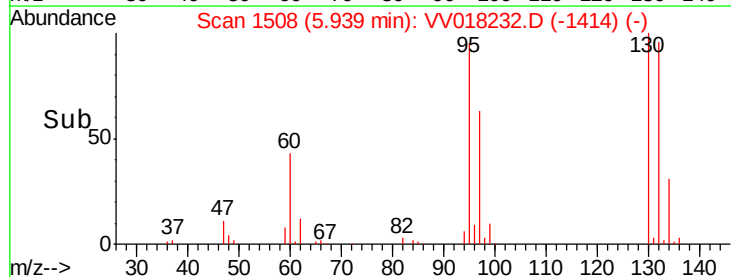
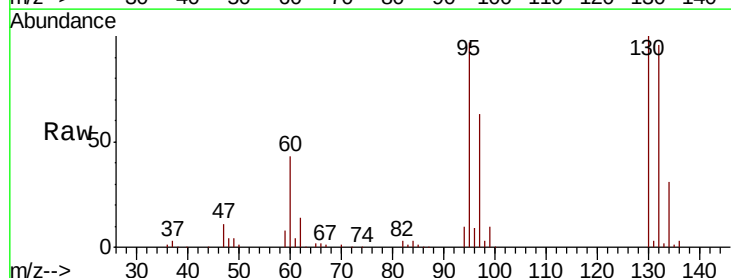
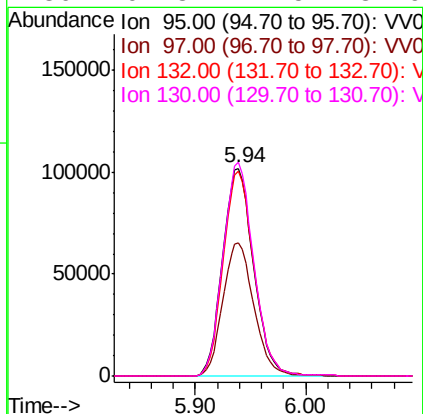
Instrument :
 MSVOA_V
 ClientSampleId :

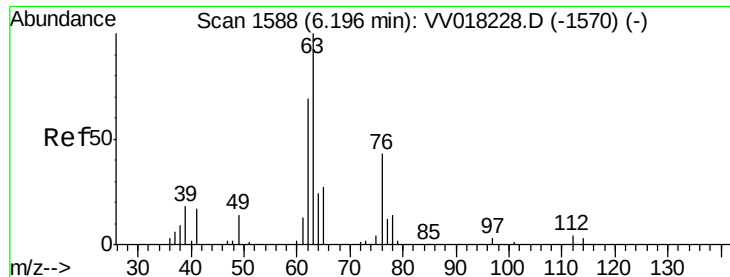
Tot Ion: 62 Resp: 1945
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#34
 Trichloroethene
 Concen: 147.511 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018232.D
 Acq: 16 Sep 2020 13:10

Tgt Ion: 95 Resp: 198804
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.3 85.9
 132 98.3 68.1 126.5
 130 102.8 71.5 132.9

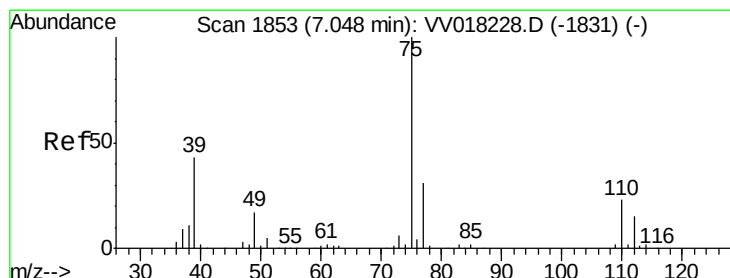
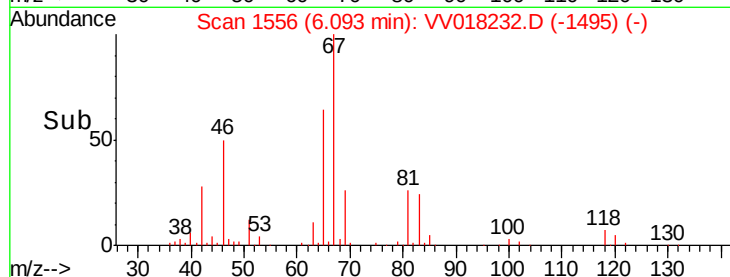
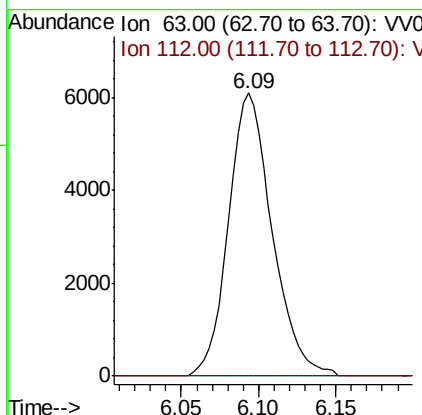
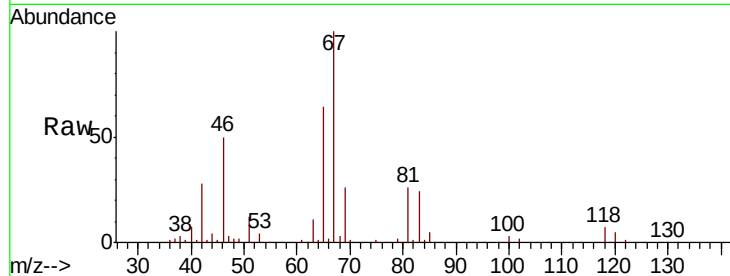




#37
 1,2-Dichloropropane
 Concen: 9.112 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018232.D
 Acq: 16 Sep 2020 13:10

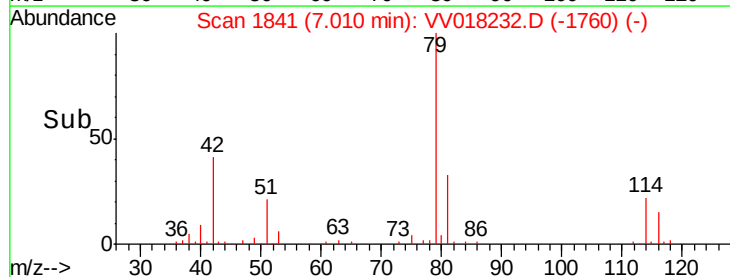
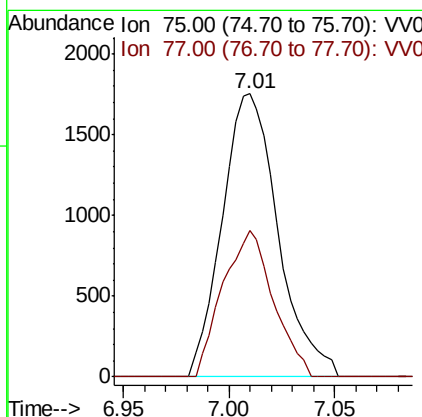
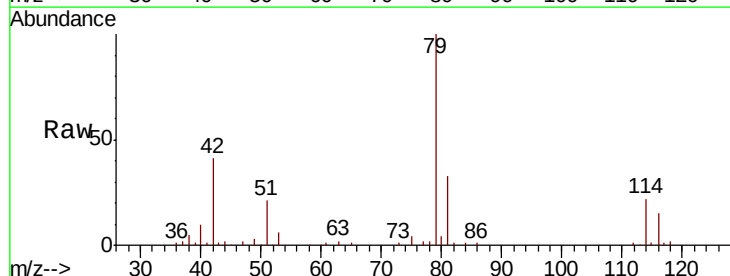
Instrument :
 MSVOA_V
 ClientSampleId :

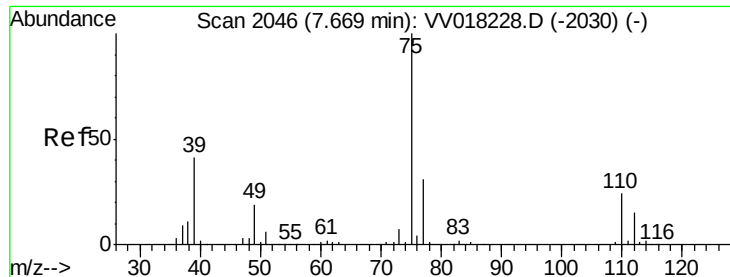
Tot Ion: 63 Resp: 11946
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.598 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018232.D
 Acq: 16 Sep 2020 13:10

Tgt Ion: 75 Resp: 3227
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 1.105 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV018232.D

Acq: 16 Sep 2020 13:10

Instrument :

MSVOA_V

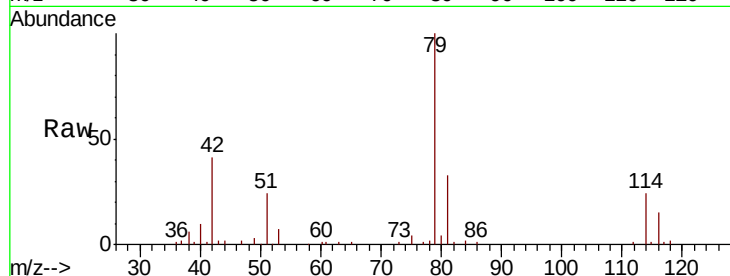
ClientSampled :

Tot Ion: 75 Resp: 2174

Ion Ratio Lower Upper

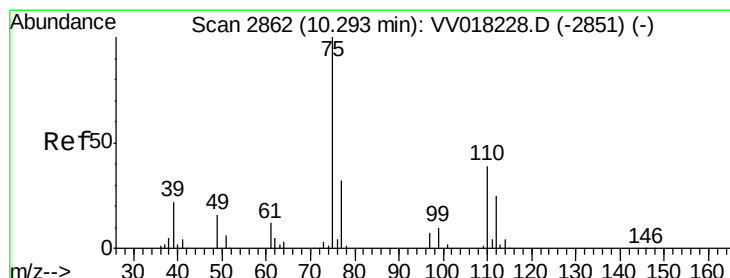
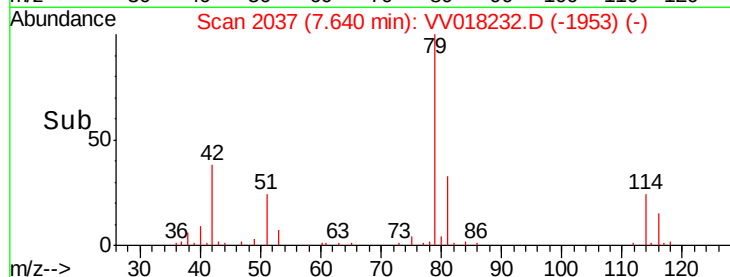
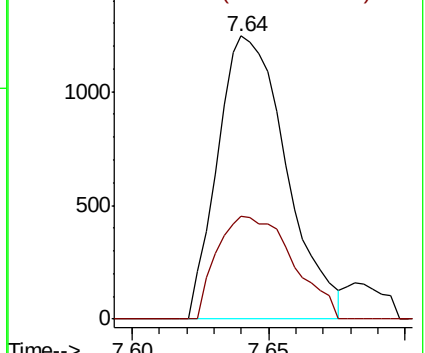
75 100

77 36.2 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.086 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018232.D

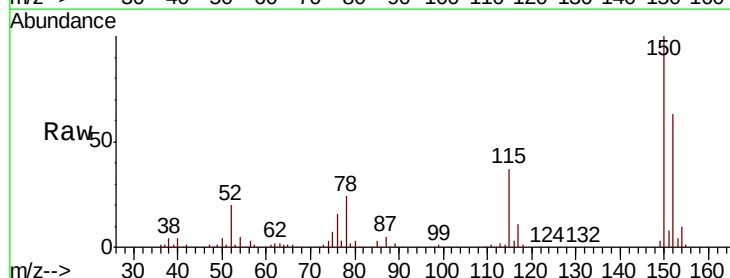
Acq: 16 Sep 2020 13:10

Tgt Ion: 75 Resp: 9384

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

