

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018371.D
 Acq On : 21 Sep 2020 15:16
 Operator : SY/MD
 Sample : L4090-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX7

Quant Time: Sep 22 04:36:57 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	143980	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87777	74.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	149.62%#
7) Chloroethane-d5	1.58	69	74865	77.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	155.94%#
11) 1,1-Dichloroethene-d2	2.12	63	128988	59.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.86%
21) 2-Butanone-d5	3.91	46	110273	153.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.54%#
24) Chloroform-d	4.38	84	165094	81.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	162.18%#
26) 1,2-Dichloroethane-d4	5.06	65	109335	83.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	167.56%#
32) Benzene-d6	5.08	84	331856	80.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.94%#
36) 1,2-Dichloropropane-d6	6.09	67	105973	80.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	161.74%#
41) Toluene-d8	7.34	98	291292	77.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	155.00%#
43) trans-1,3-Dichloropropene-	7.64	79	52176	78.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.70%#
47) 2-Hexanone-d5	8.11	63	69948	140.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.92%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	127297	77.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	154.80%#
64) 1,2-Dichlorobenzene-d4	11.65	152	121278	86.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	172.72%#

Target Compounds

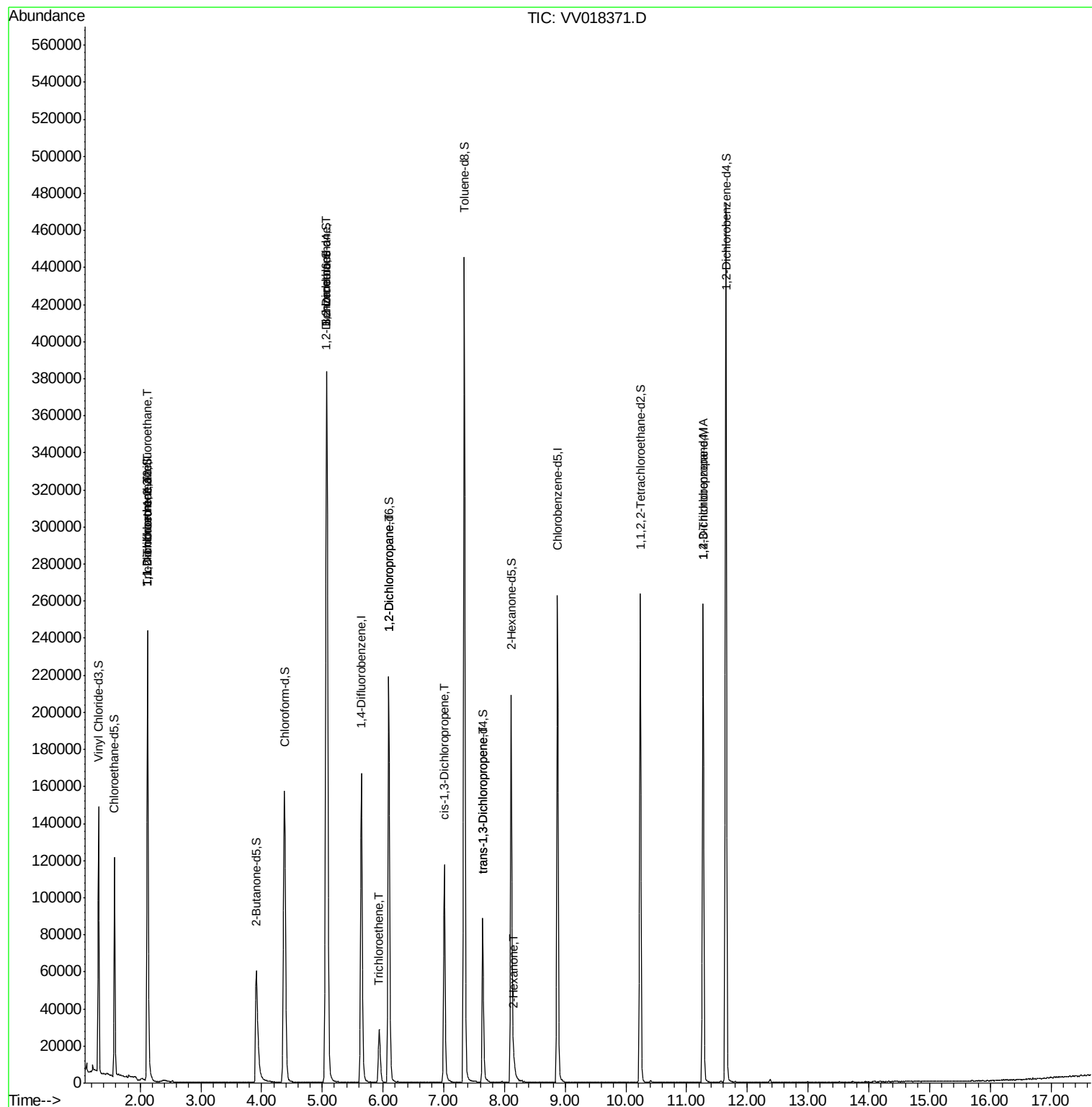
					Ovalue
9) Trichlorofluoromethane	2.12	101	1172	0.725 ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1172	1.206 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	942	0.996 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	1870	1.290 ug/L #	74
34) Trichloroethene	5.94	95	7476	6.663 ug/L	93
37) 1,2-Dichloropropane	6.09	63	11146	10.212 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2882	1.714 ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	2019	1.233 ug/L	84
48) 2-Hexanone	8.16	43	4081	3.909 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	7652	5.961 ug/L	92

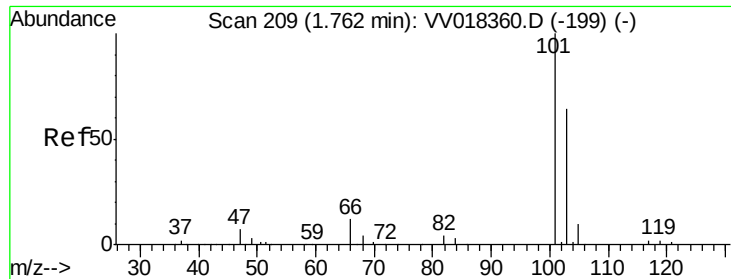
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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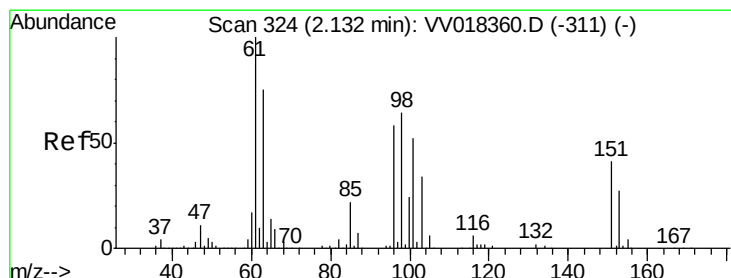
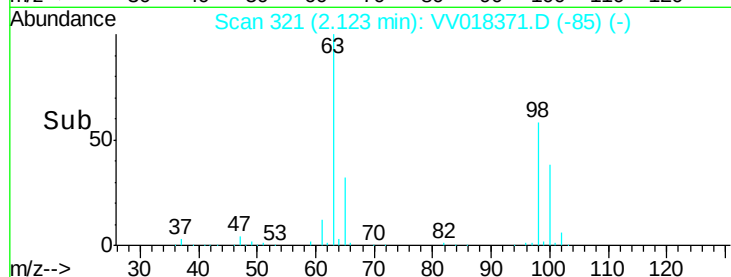
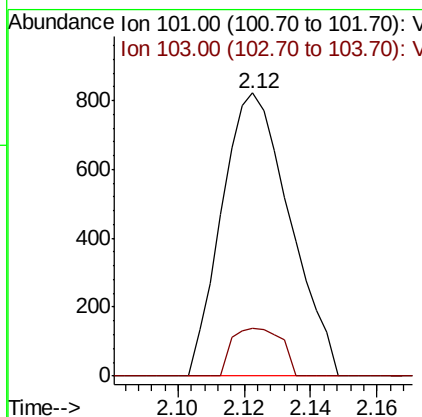
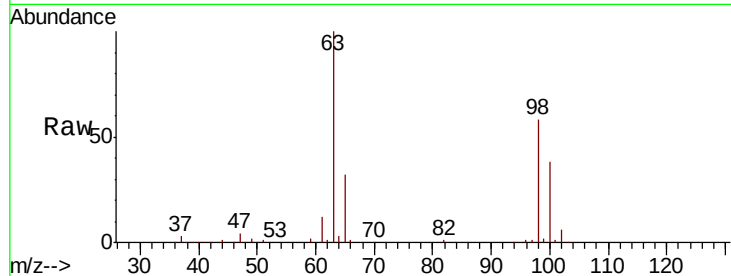


#9

Trichlorofluoromethane
 Concen: 0.725 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX7

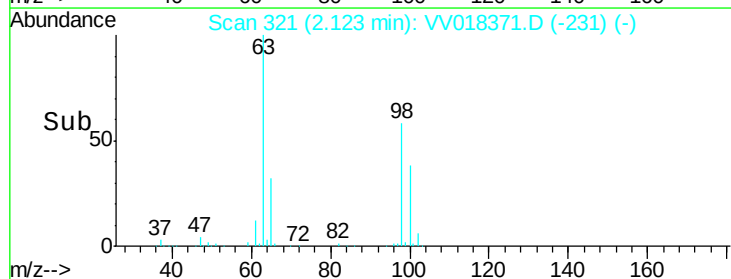
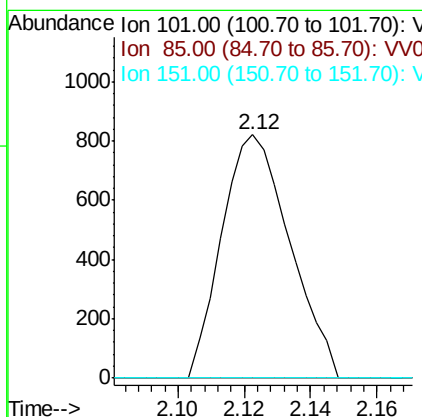
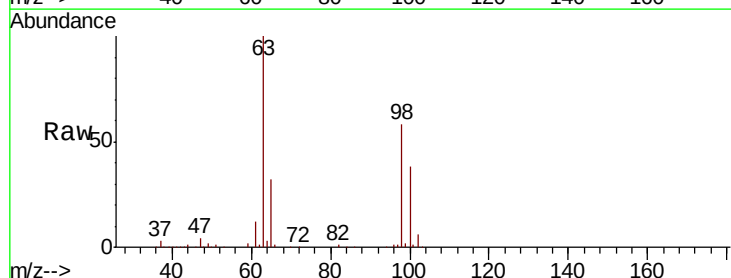
Tot Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 103 12.2 51.8 77.6#

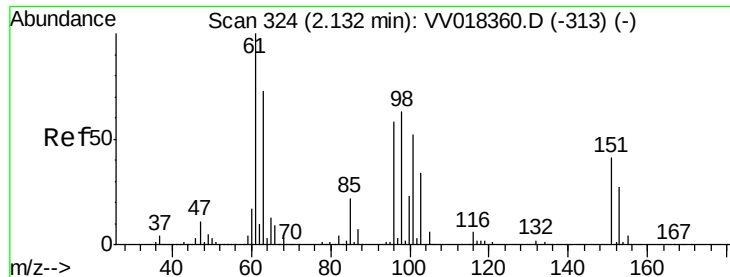


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.206 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

Tgt Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.5 50.3#
 151 0.0 62.2 93.2#

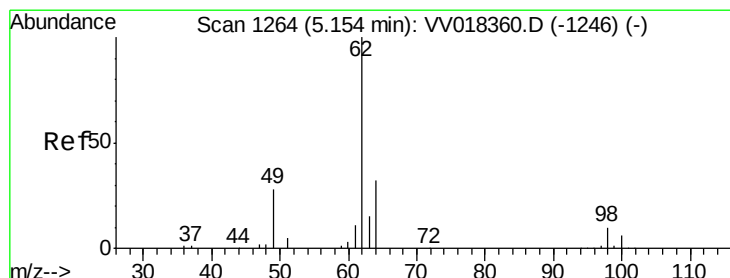
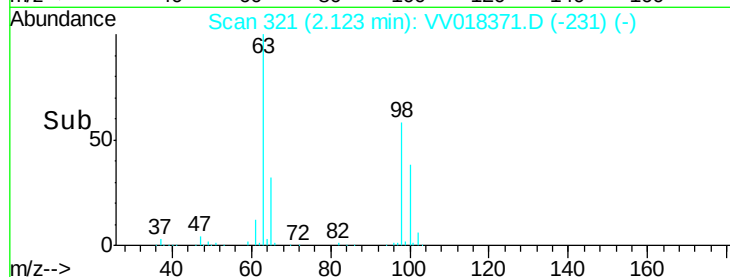
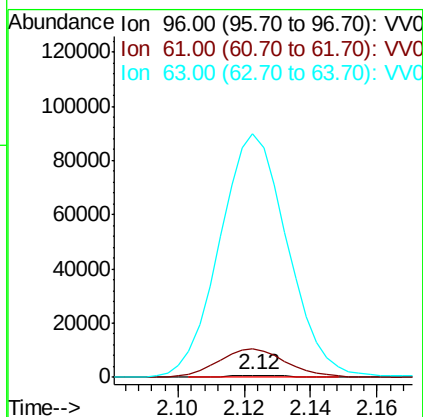
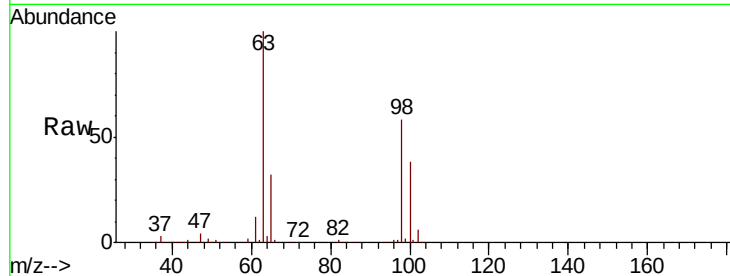




#12
 1,1-Dichloroethene
 Concen: 0.996 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

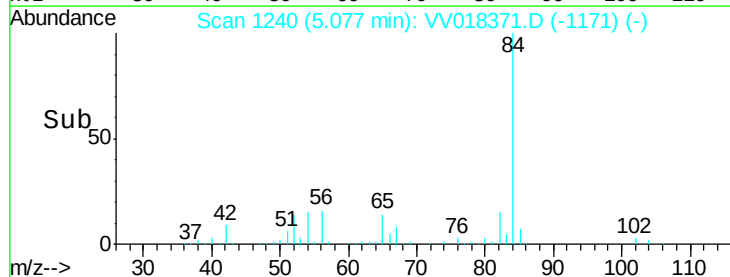
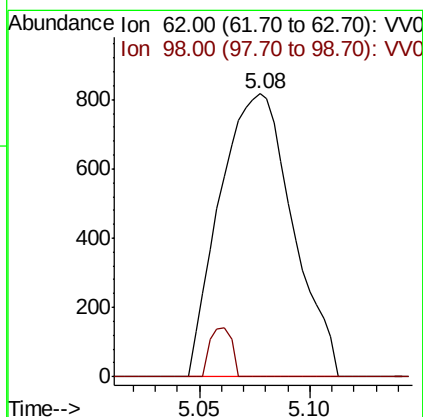
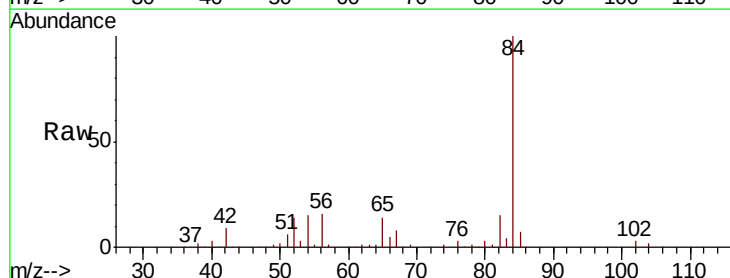
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX7

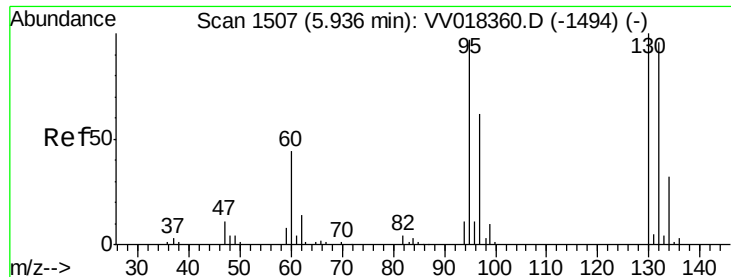
Tot Ion: 96 Resp: 942
 Ion Ratio Lower Upper
 96 100
 61 1607.7 122.9 228.3#
 63 13860.5 91.9 170.7#



#27
 1,2-Dichloroethane
 Concen: 1.290 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

Tgt Ion: 62 Resp: 1870
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 6.663 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018371.D

Acq: 21 Sep 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

BFWX7

Tot Ion: 95 Resp: 7476

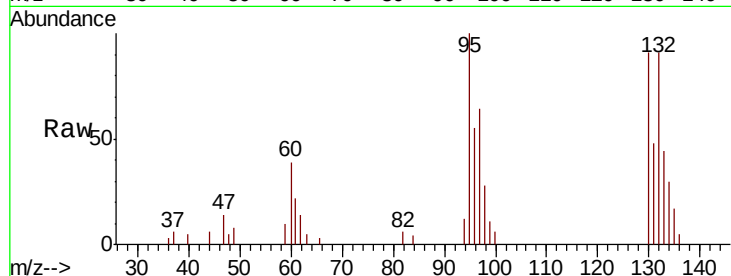
Ion Ratio Lower Upper

95 100

97 63.7 46.3 85.9

132 90.7 68.1 126.5

130 91.3 71.5 132.9

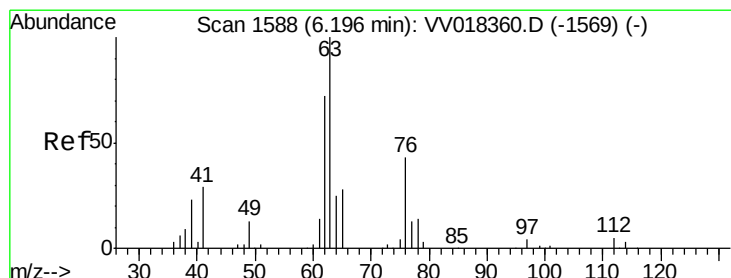
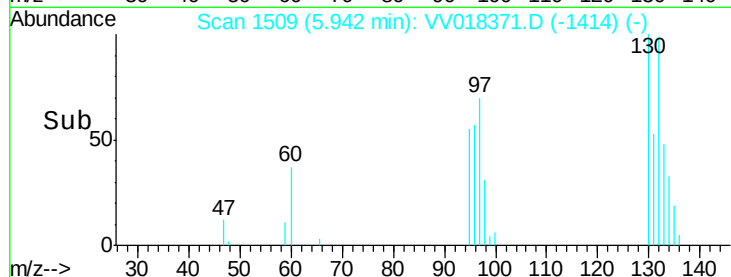
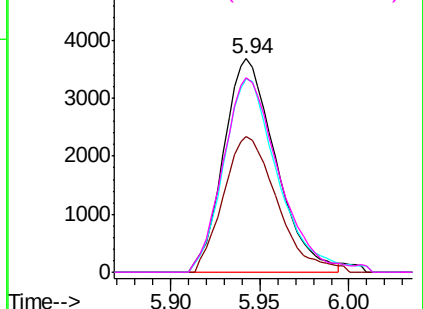


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 10.212 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018371.D

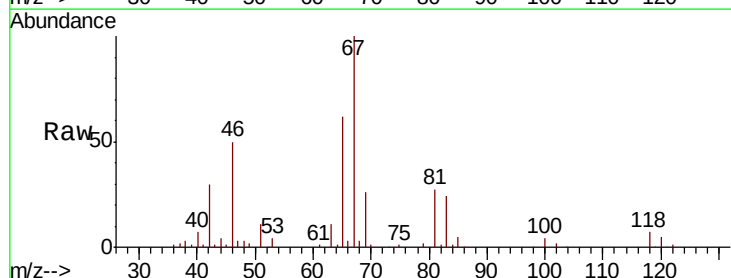
Acq: 21 Sep 2020 15:16

Tgt Ion: 63 Resp: 11146

Ion Ratio Lower Upper

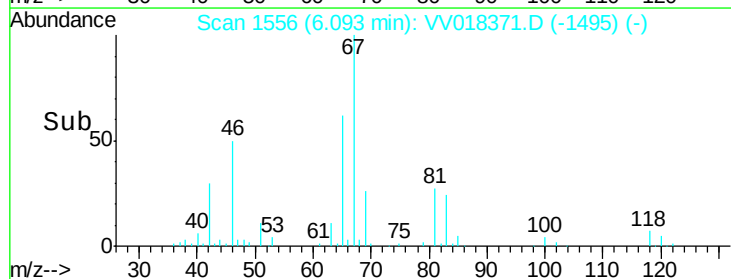
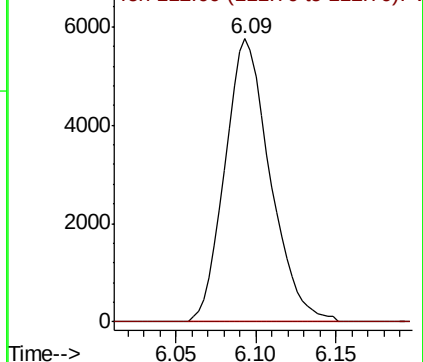
63 100

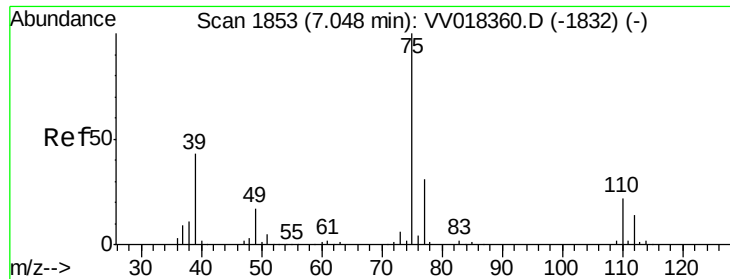
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

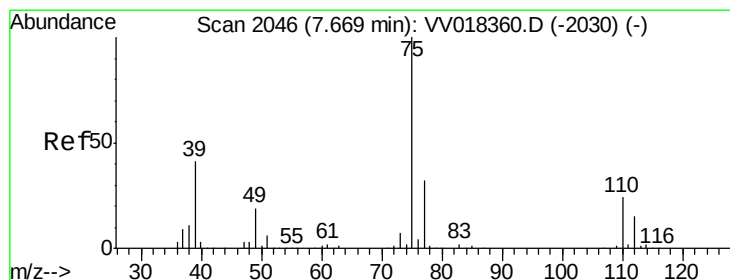
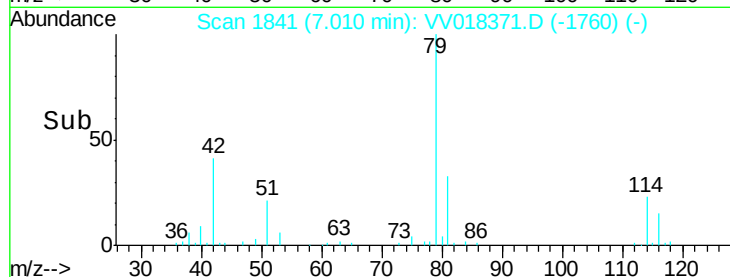
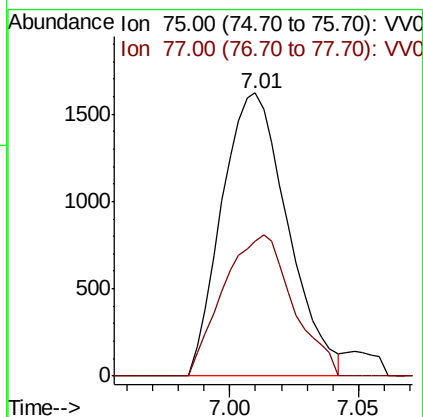
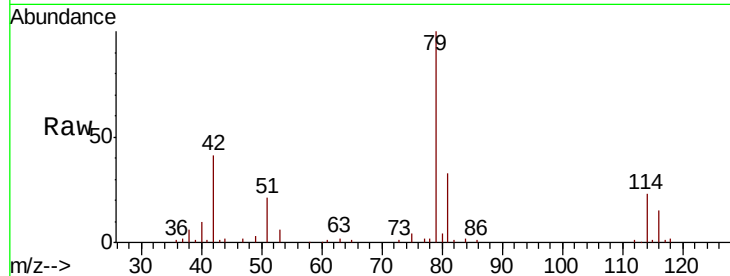




#39
 cis-1,3-Dichloropropene
 Concen: 1.714 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

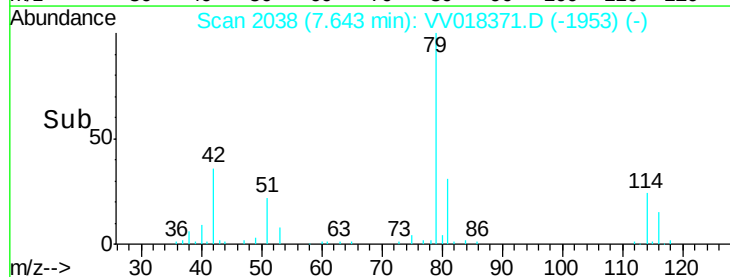
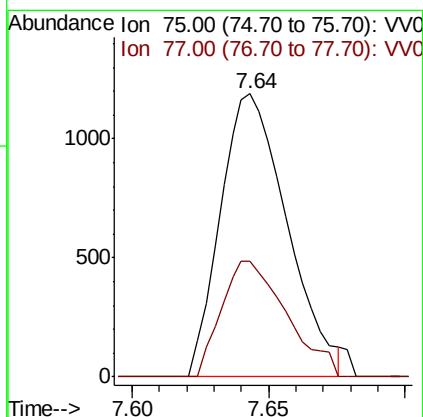
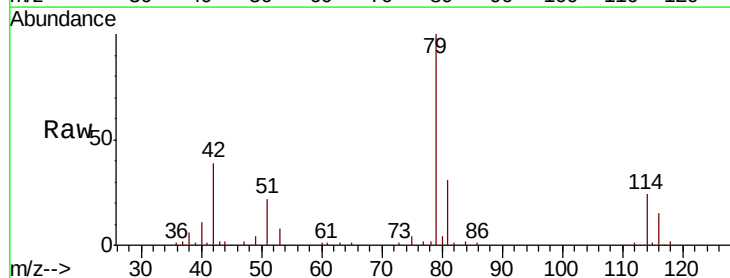
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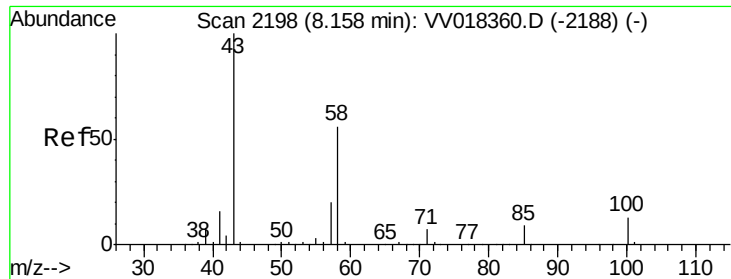
Tot Ion: 75 Resp: 2882
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 1.233 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

Tgt Ion: 75 Resp: 2019
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.3 41.5

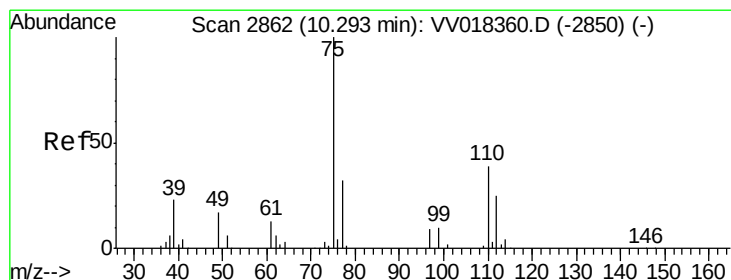
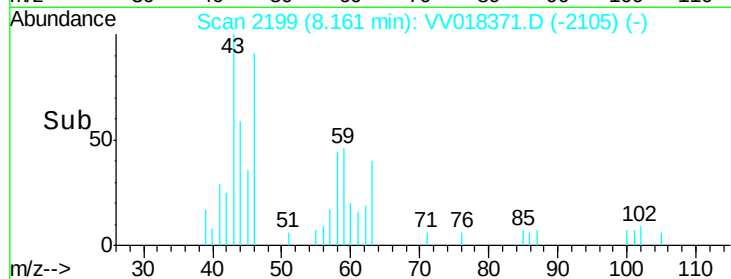
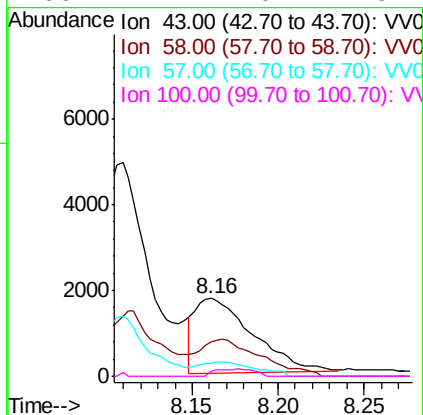
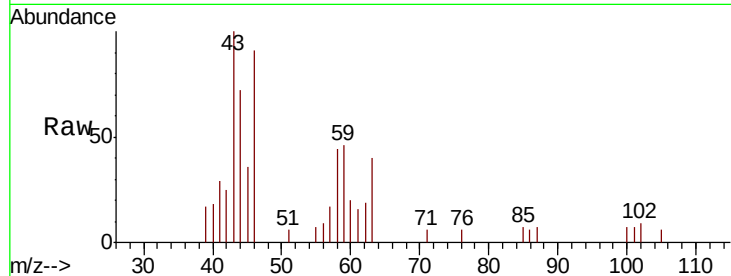




#48
 2-Hexanone
 Concen: 3.909 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

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 MSVOA_V
 ClientSampleId :
 BFWX7

Tot Ion: 43 Resp: 4081
 Ion Ratio Lower Upper
 43 100
 58 49.9 44.8 67.2
 57 11.1 15.8 23.6#
 100 2.7 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.961 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018371.D
 Acq: 21 Sep 2020 15:16

Tgt Ion: 75 Resp: 7652
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.8 38.6

