

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017807.D
 Acq On : 06 Aug 2020 12:27
 Operator : SY/MD
 Sample : L3572-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L14

Quant Time: Aug 07 05:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215817	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41004	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.92%
7) Chloroethane-d5	1.58	69	39607	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.12	63	80445	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	3.91	46	69924	88.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.36%
24) Chloroform-d	4.37	84	130469	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.06	65	103857	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.08	84	217881	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	57583	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.06%
41) Toluene-d8	7.34	98	220797	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%
43) trans-1,3-Dichloropropene-	7.64	79	40385	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.16%
47) 2-Hexanone-d5	8.11	63	50635	84.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	84511	40.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	110038	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

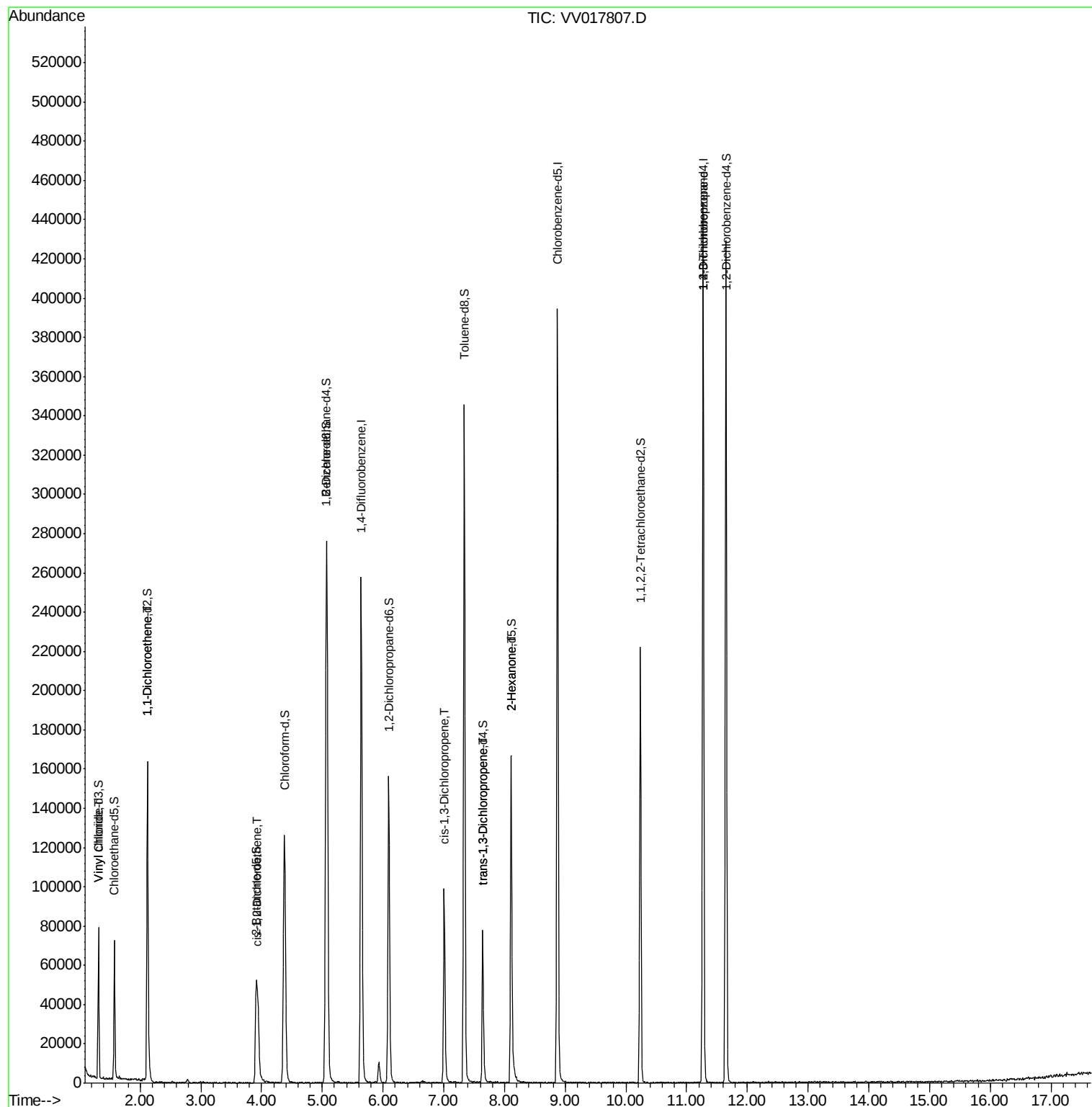
					Ovalue
5) Vinyl chloride	1.32	62	2934	1.916 ug/L #	70
12) 1,1-Dichloroethene	2.12	96	1014	0.781 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	15416	9.854 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3220	1.329 ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	2386	0.960 ug/L	84
48) 2-Hexanone	8.11	43	7801	5.333 ug/L #	61
59) 1,2,3-Trichloropropane	11.27	75	9776	5.093 ug/L #	69

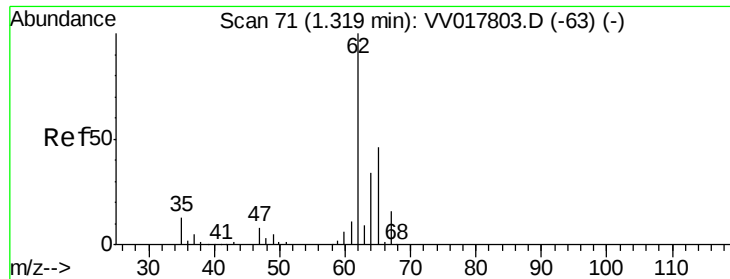
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.916 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017807.D

Acq: 06 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

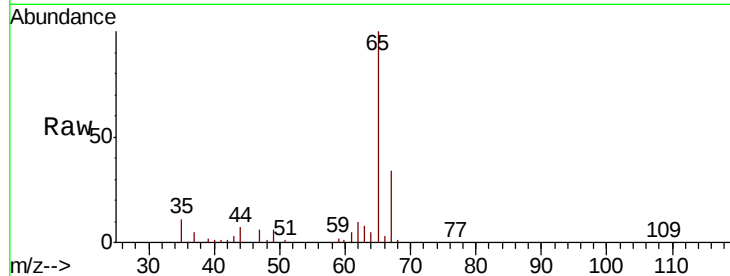
F4L14

Tot Ion: 62 Resp: 2934

Ion Ratio Lower Upper

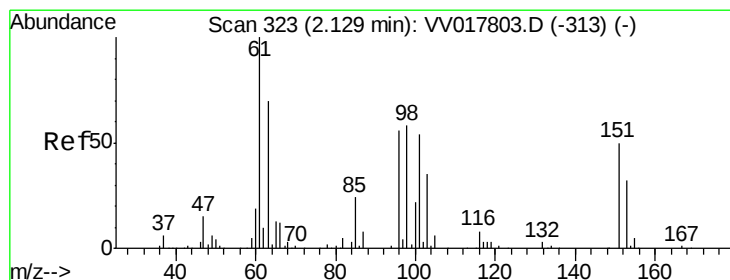
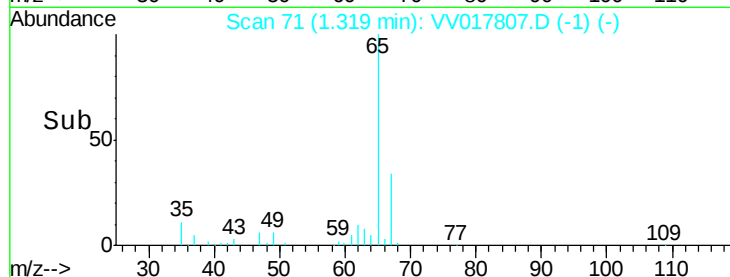
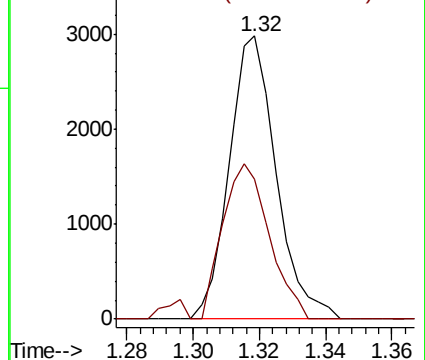
62 100

64 49.4 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.781 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017807.D

Acq: 06 Aug 2020 12:27

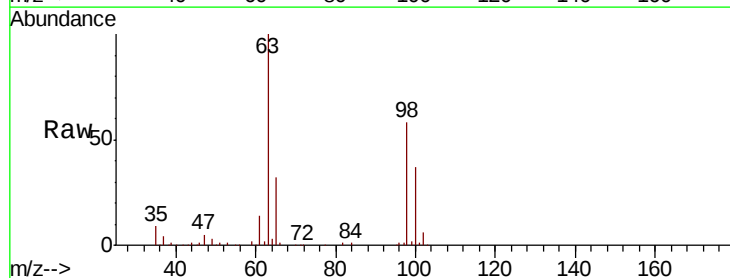
Tgt Ion: 96 Resp: 1014

Ion Ratio Lower Upper

96 100

61 1354.9 131.0 243.2#

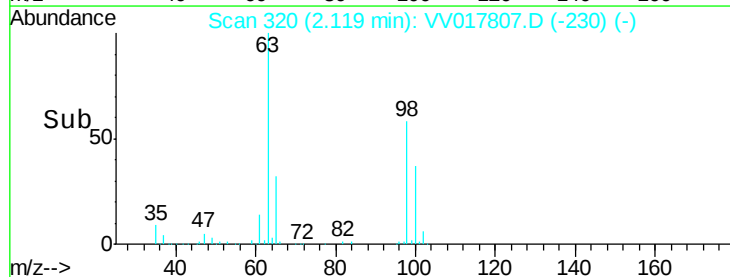
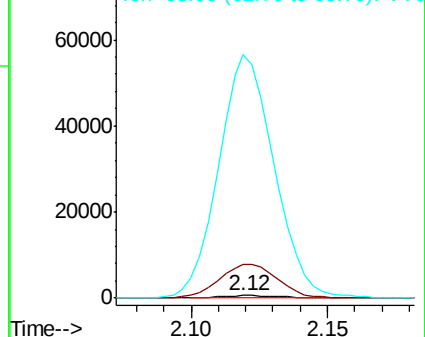
63 9820.8 88.5 164.3#

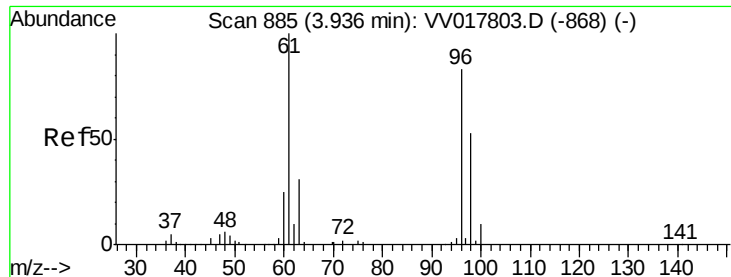


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

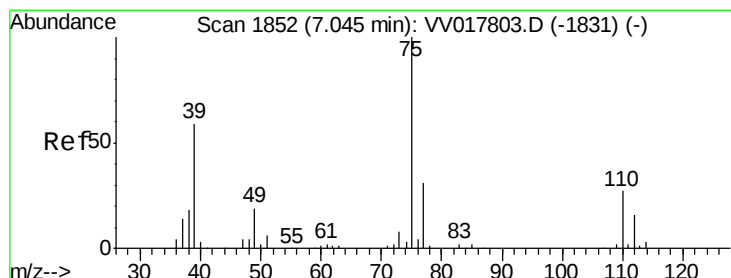
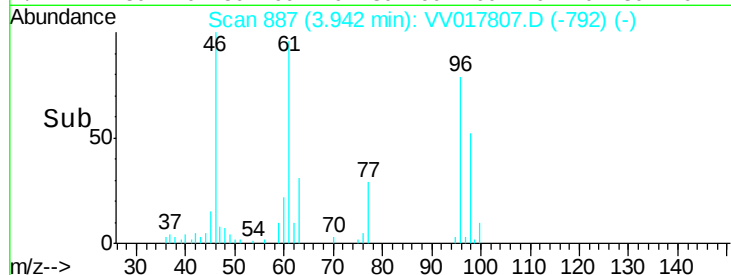
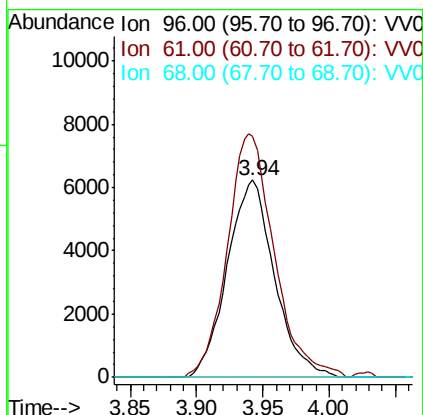
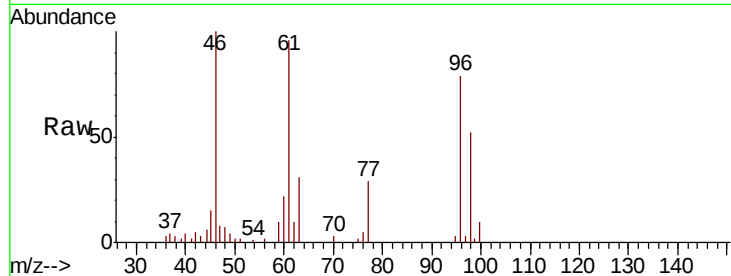




#20
 cis-1,2-Dichloroethene
 Concen: 9.854 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017807.D
 Acq: 06 Aug 2020 12:27

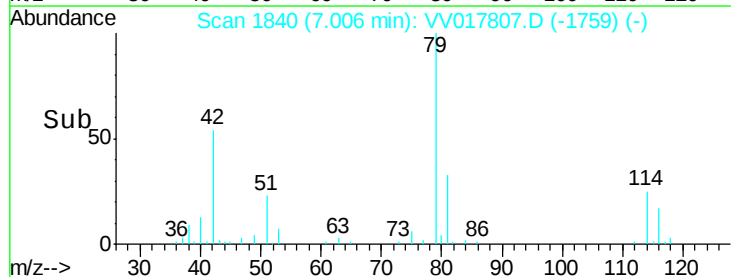
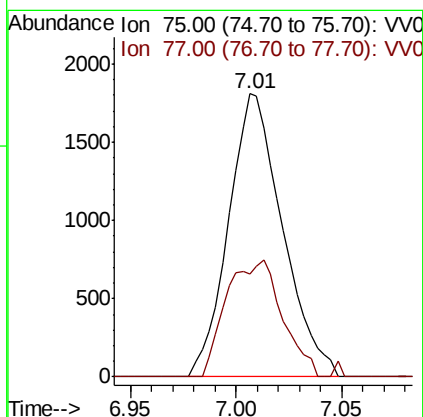
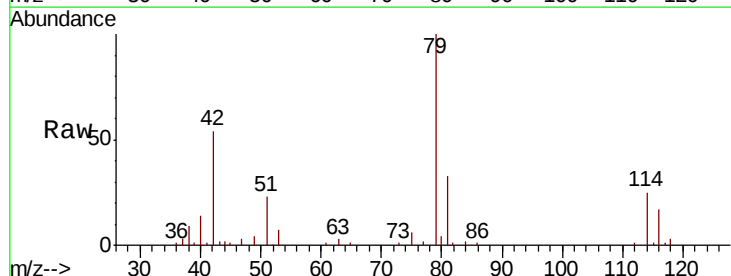
Instrument :
 MSVOA_V
 ClientSampleId :
 F4L14

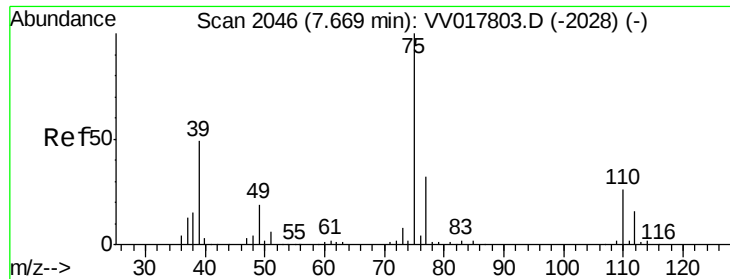
Tot Ion: 96 Resp: 15416
 Ion Ratio Lower Upper
 96 100
 61 122.1 87.3 162.1
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.329 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017807.D
 Acq: 06 Aug 2020 12:27

Tgt Ion: 75 Resp: 3220
 Ion Ratio Lower Upper
 75 100
 77 36.3 23.2 43.0





#44

trans-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017807.D

Acq: 06 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

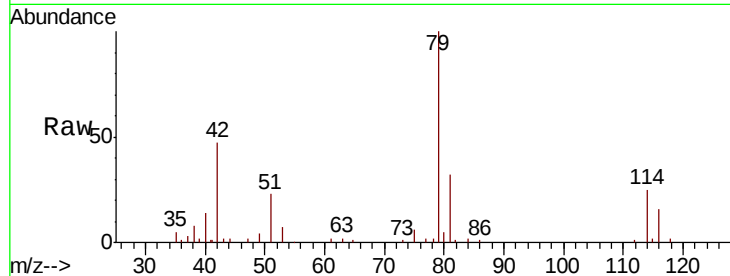
F4L14

Tot Ion: 75 Resp: 2386

Ion Ratio Lower Upper

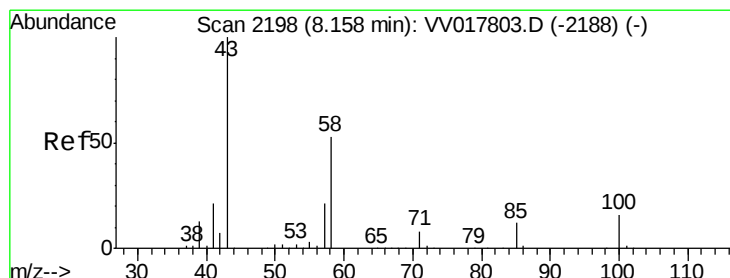
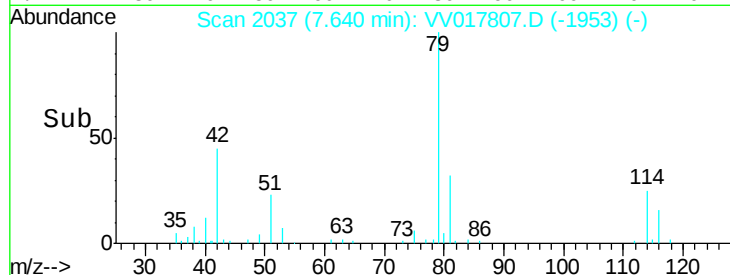
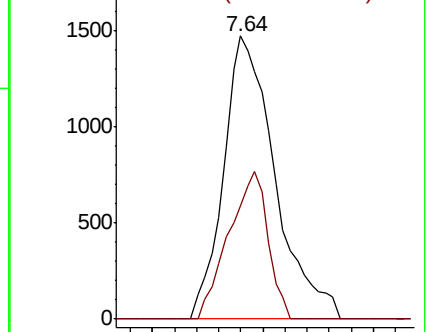
75 100

77 39.9 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 5.333 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017807.D

Acq: 06 Aug 2020 12:27

Tgt Ion: 43 Resp: 7801

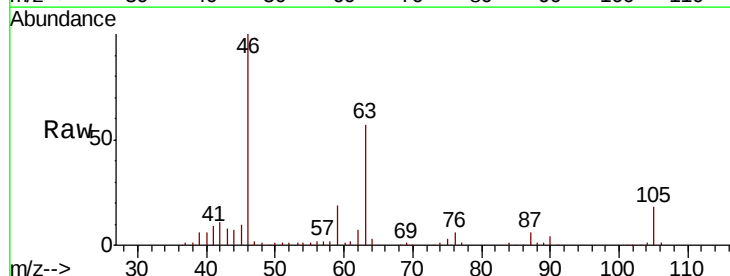
Ion Ratio Lower Upper

43 100

58 16.5 42.8 64.2#

57 25.5 16.6 24.8#

100 0.0 11.6 17.4#

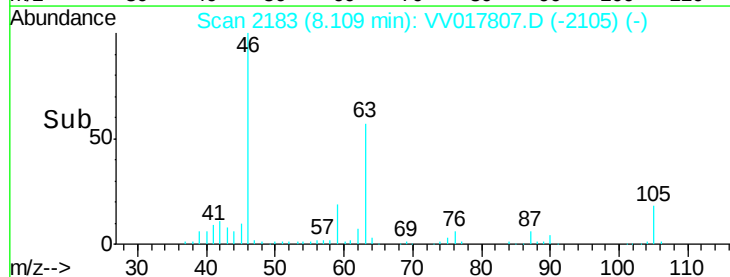
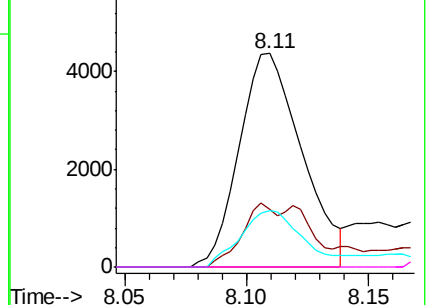


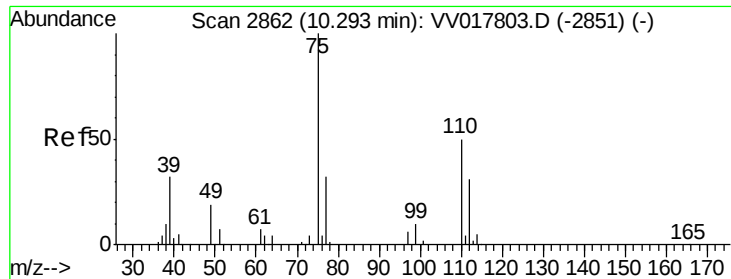
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.093 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017807.D

Acq: 06 Aug 2020 12:27

Instrument :

MSVOA_V

ClientSampleId :

F4L14

Tot Ion: 75 Resp: 9776

Ion Ratio Lower Upper

75 100

77 48.7 25.1 37.7#

