

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019646.D
 Acq On : 15 Dec 2020 13:55
 Operator : SY/MD
 Sample : L5099-01 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:29:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	665238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	623595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	289264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	249342	52.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.54%
7) Chloroethane-d5	1.57	69	195377	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.11	63	341724	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
21) 2-Butanone-d5	3.89	46	312841	120.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.66%
24) Chloroform-d	4.35	84	409706	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.03	65	282627	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.05	84	831721	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.07	67	259209	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.32	98	737084	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	7.62	79	127645	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
47) 2-Hexanone-d5	8.09	63	219643	107.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.42%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	323935	45.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.94%
64) 1,2-Dichlorobenzene-d4	11.63	152	269272	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

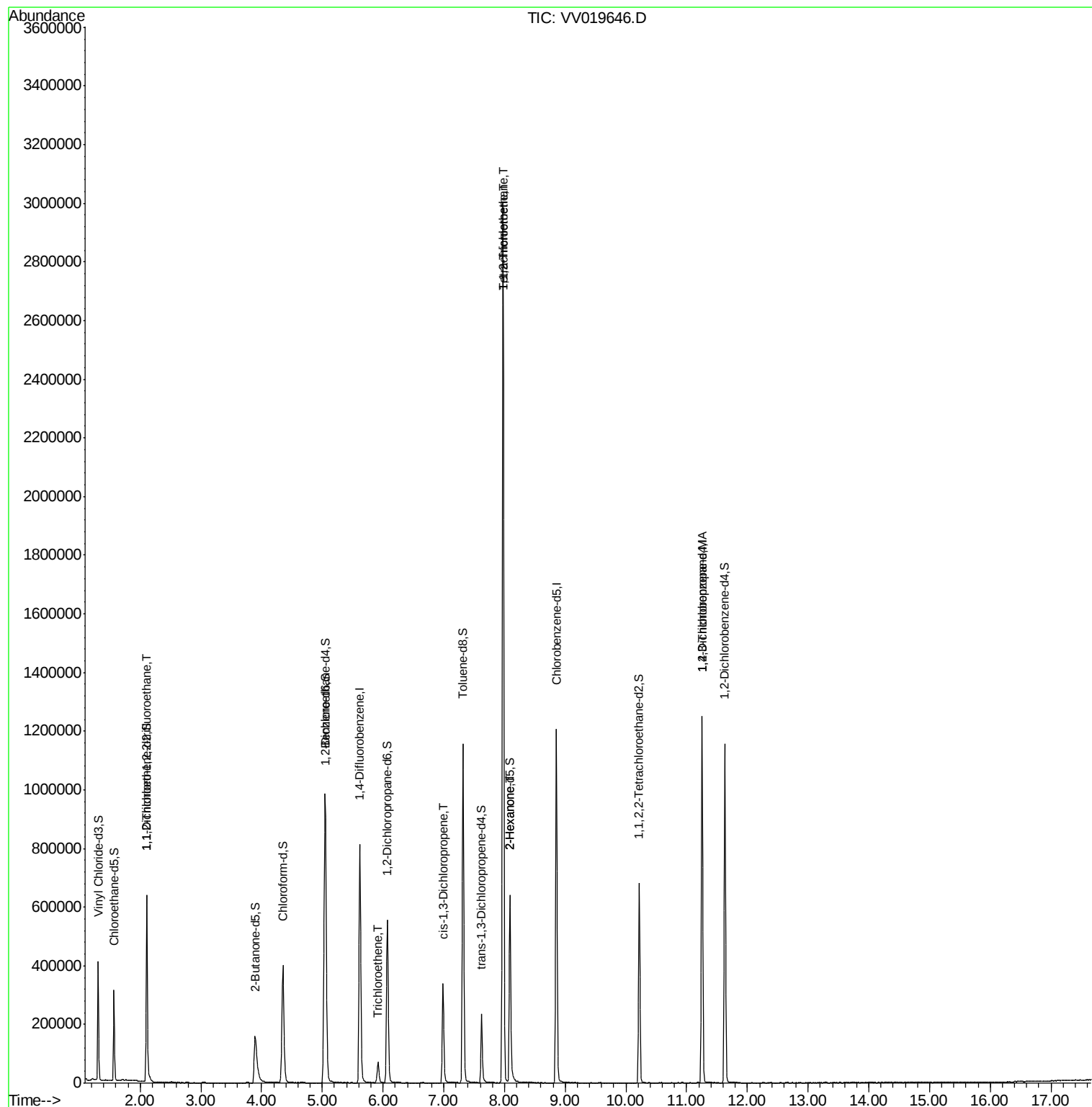
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3003	0.778 ug/L #	22
34) Trichloroethene	5.92	95	22926	4.762 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	8376	1.060 ug/L #	63
45) 1,1,2-Trichloroethane	7.97	97	6388	1.413 ug/L #	1
46) Tetrachloroethene	7.98	164	600941	180.392 ug/L	98
48) 2-Hexanone	8.09	43	26253	5.039 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	39866	6.734 ug/L	90

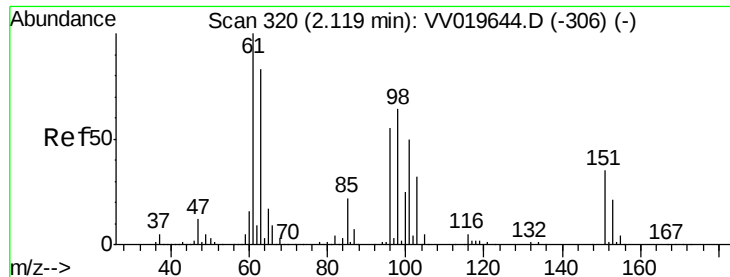
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 16 00:27:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.778 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Instrument :

MSVOA_V

ClientSampled :

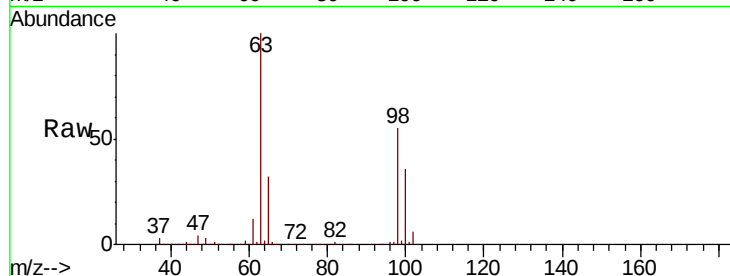
Tot Ion:101 Resp: 3003

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

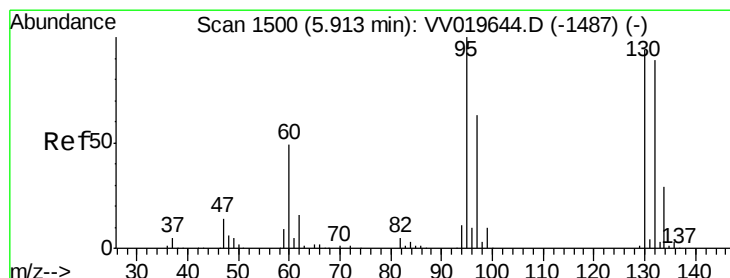
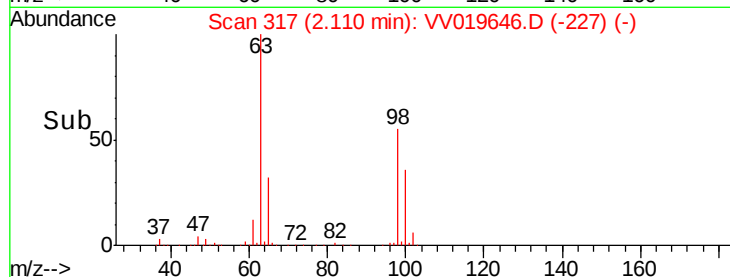
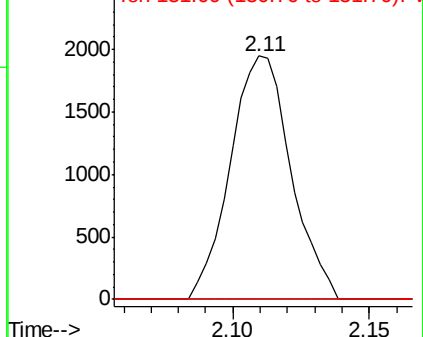
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 4.762 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Tgt Ion: 95 Resp: 22926

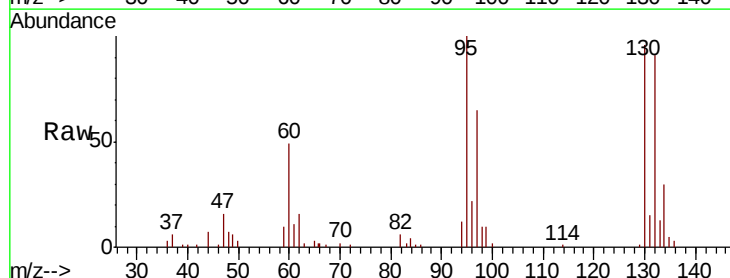
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.4

132 90.6 64.3 119.3

130 96.0 67.8 125.8

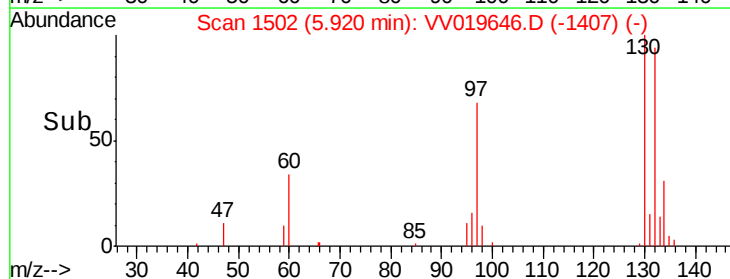
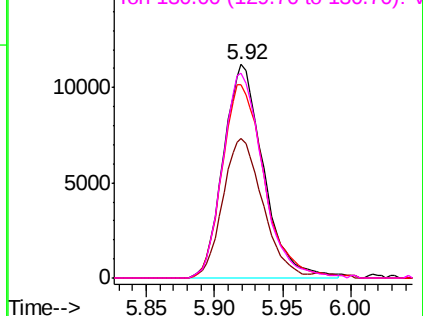


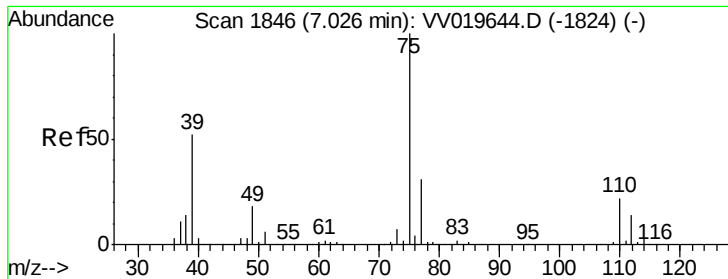
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

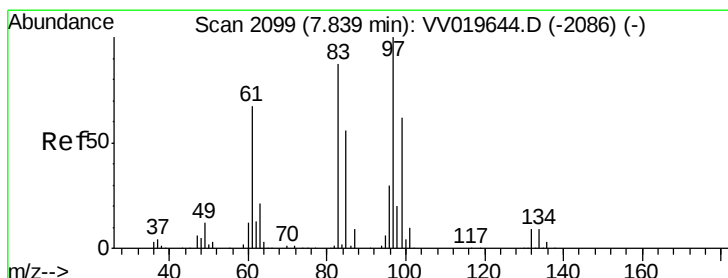
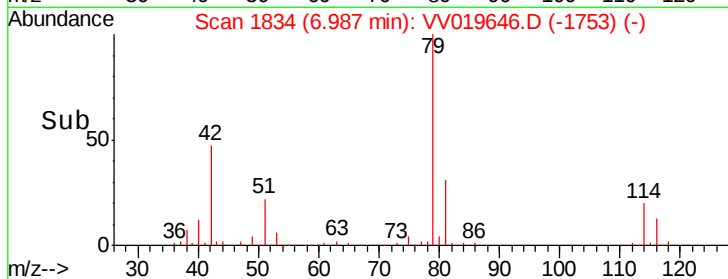
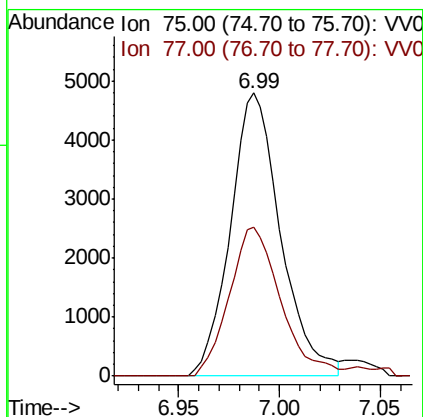
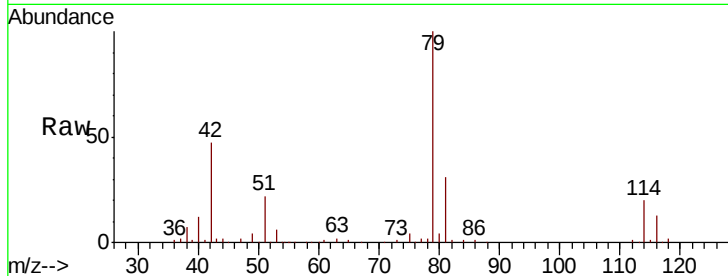




#39
 cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019646.D
 Acq: 15 Dec 2020 13:55

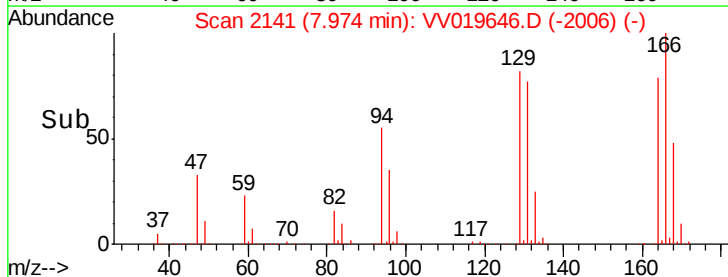
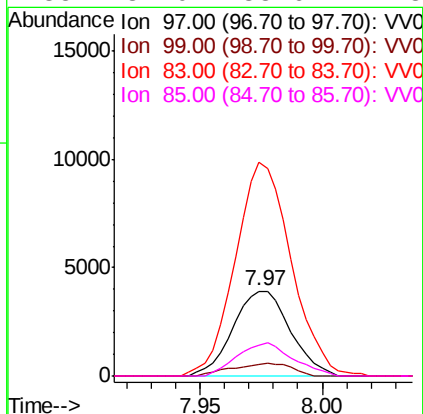
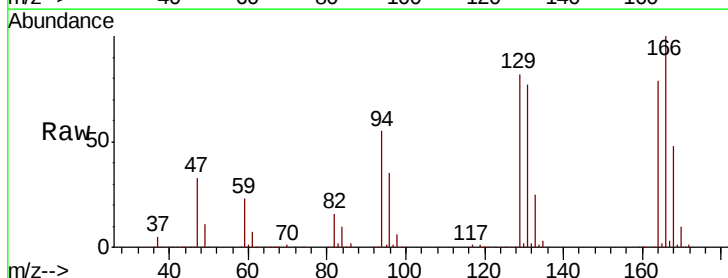
Instrument :
 MSVOA_V
 ClientSampled :

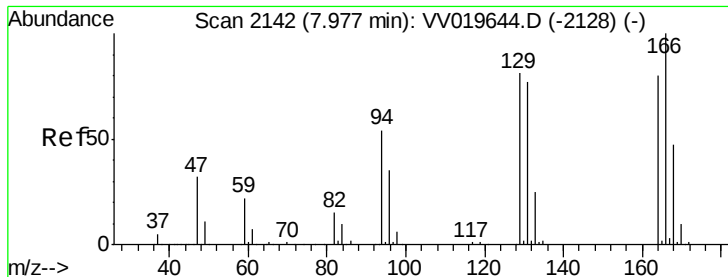
Tot Ion: 75 Resp: 8376
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.4 41.6#



#45
 1,1,2-Trichloroethane
 Concen: 1.413 ug/L
 RT: 7.97 min Scan# 2141
 Delta R.T. 0.14 min
 Lab File: VV019646.D
 Acq: 15 Dec 2020 13:55

Tgt Ion: 97 Resp: 6388
 Ion Ratio Lower Upper
 97 100
 99 14.1 44.1 81.9#
 83 252.9 60.0 111.4#
 85 37.0 38.6 71.8#





#46

Tetrachloroethene

Concen: 180.392 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 600941

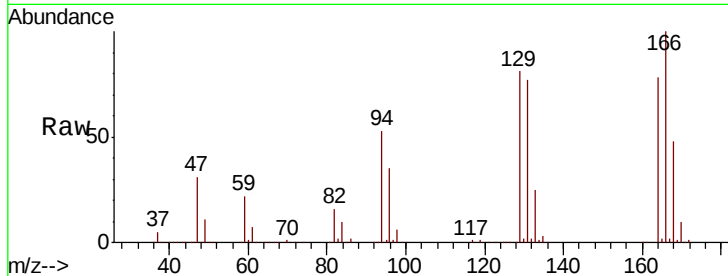
Ion Ratio Lower Upper

164 100

129 102.7 70.6 131.0

131 98.3 68.0 126.4

166 127.6 86.9 161.5

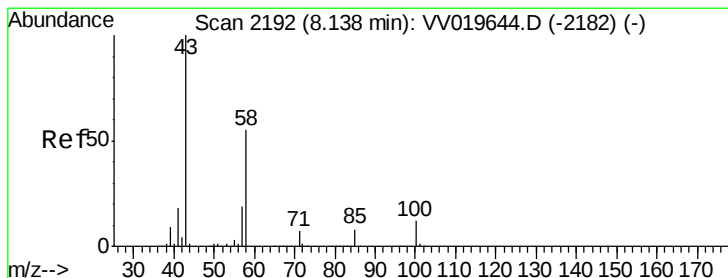
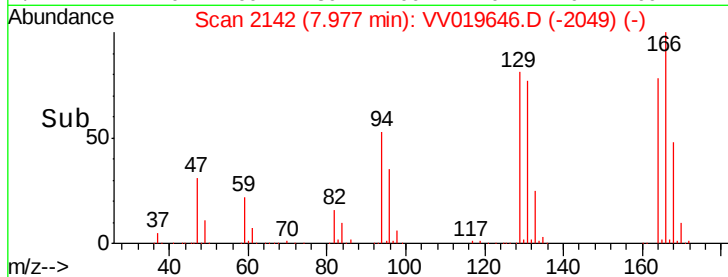
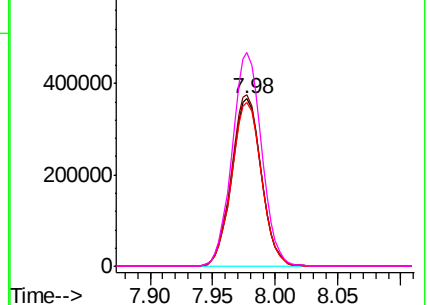


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.039 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Tgt Ion: 43 Resp: 26253

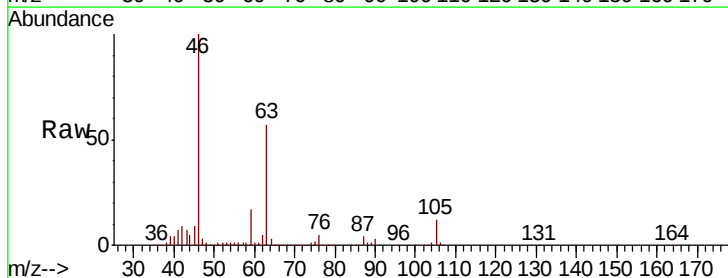
Ion Ratio Lower Upper

43 100

58 26.8 44.4 66.6#

57 22.3 15.7 23.5

100 0.4 9.9 14.9#

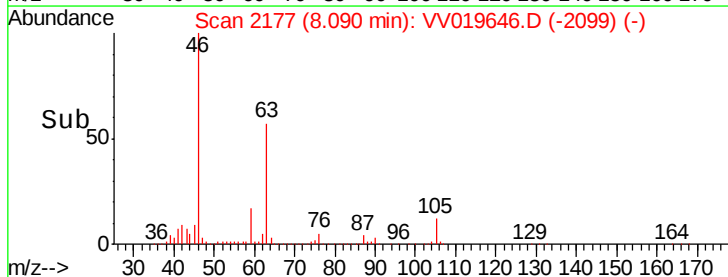
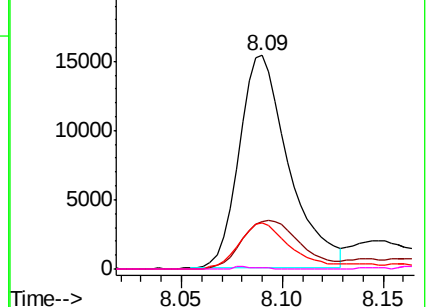


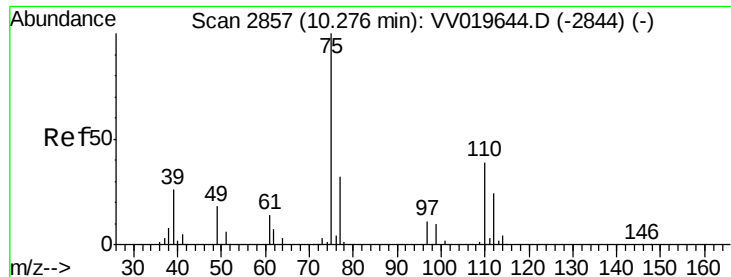
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.734 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019646.D

Acq: 15 Dec 2020 13:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 39866

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8

