

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018973.D
 Acq On : 19 Oct 2020 16:22
 Operator : SY/MD
 Sample : L4426-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z5

Quant Time: Oct 20 01:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324613	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103264	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.30%
7) Chloroethane-d5	1.58	69	95603	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	166932	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	3.91	46	164679	88.42	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	4.38	84	214848	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
26) 1,2-Dichloroethane-d4	5.06	65	146101	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.07	84	412390	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.09	67	137169	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.34%
41) Toluene-d8	7.34	98	335836	41.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.32%
43) trans-1,3-Dichloropropene-	7.64	79	54495	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.68%
47) 2-Hexanone-d5	8.11	63	78266	72.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141357	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	139604	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds

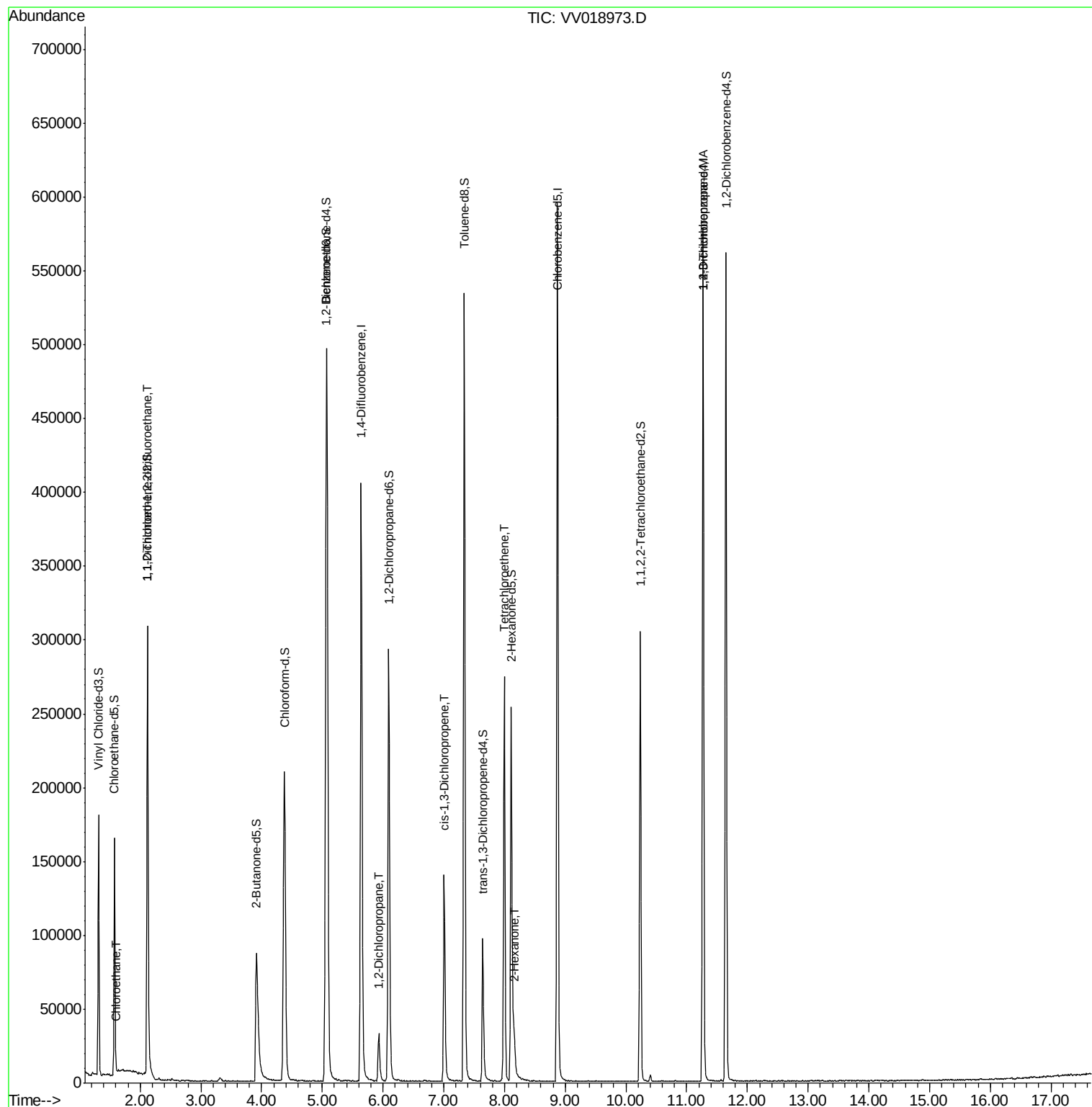
					Ovalue
8) Chloroethane	1.61	64	1690	0.920 ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1537	0.730 ug/L #	20
37) 1,2-Dichloropropane	5.93	63	1716	0.671 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3259	0.848 ug/L #	66
46) Tetrachloroethene	8.00	164	59981	30.905 ug/L	99
48) 2-Hexanone	8.16	43	18668	6.678 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	17591	5.685 ug/L	91

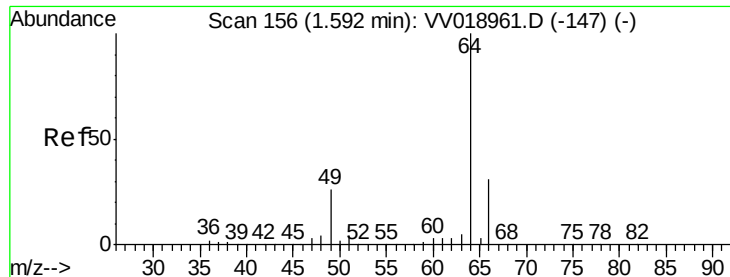
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 20 01:05:12 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.920 ug/L

RT: 1.61 min Scan# 162

Delta R.T. 0.02 min

Lab File: VV018973.D

Acq: 19 Oct 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

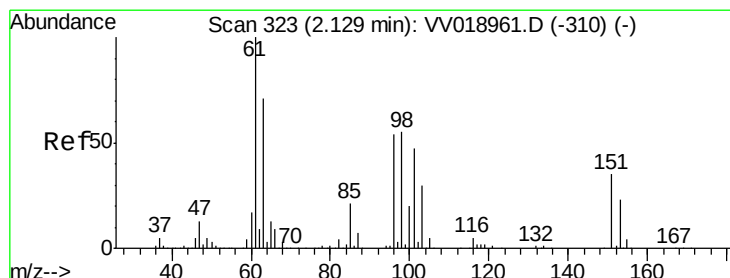
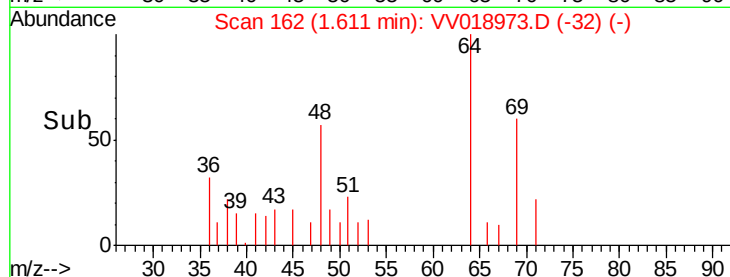
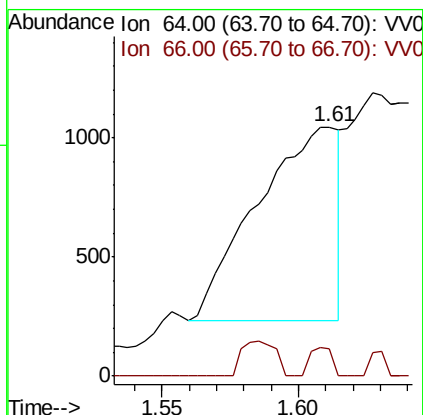
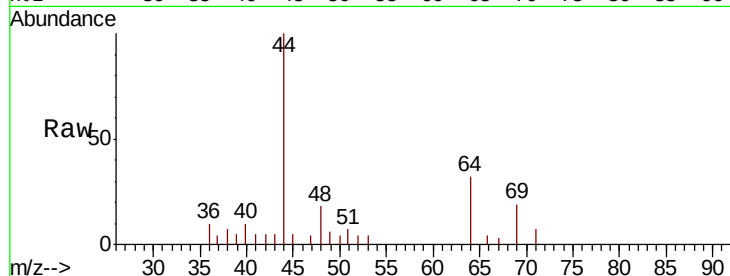
BG3Z5

Tot Ion: 64 Resp: 1690

Ion Ratio Lower Upper

64 100

66 11.1 22.7 42.1#



#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018973.D

Acq: 19 Oct 2020 16:22

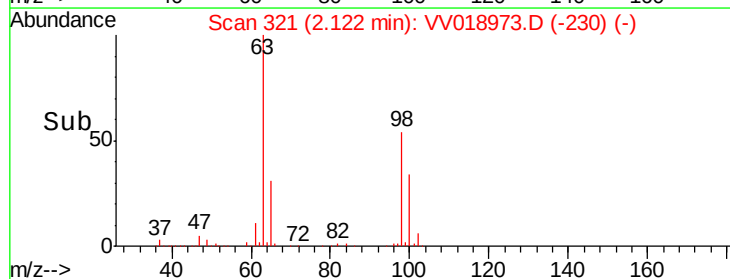
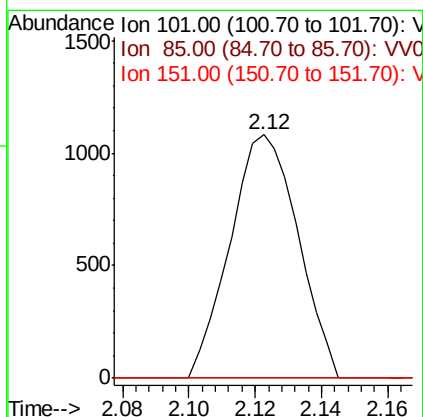
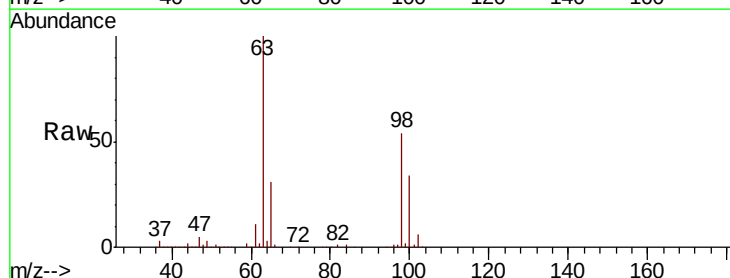
Tgt Ion:101 Resp: 1537

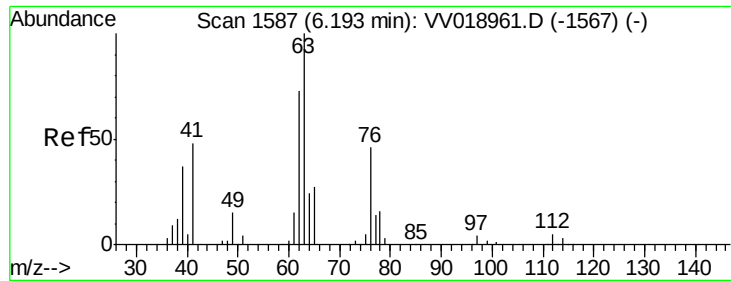
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#

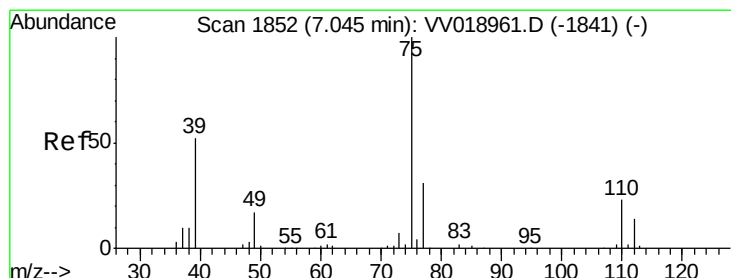
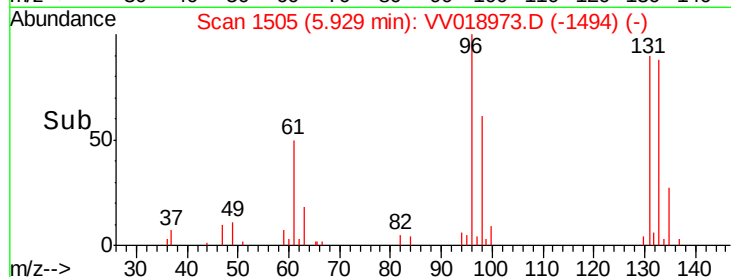
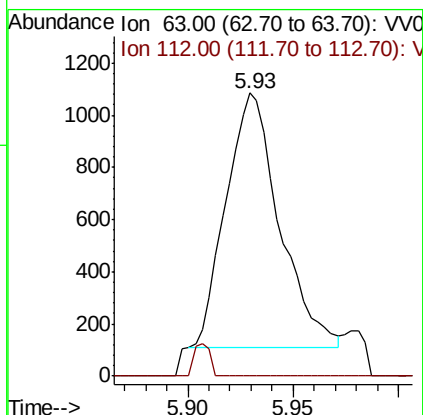
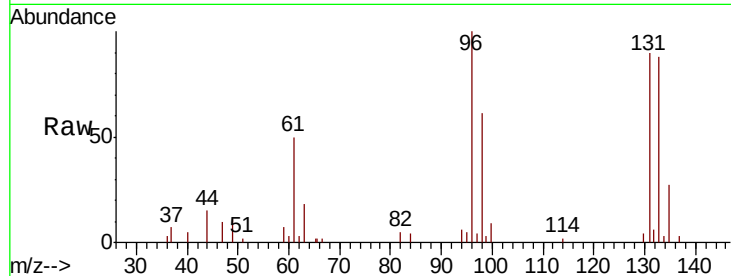




#37
 1,2-Dichloropropane
 Concen: 0.671 ug/L
 RT: 5.93 min Scan# 1505
 Delta R.T. -0.26 min
 Lab File: VV018973.D
 Acq: 19 Oct 2020 16:22

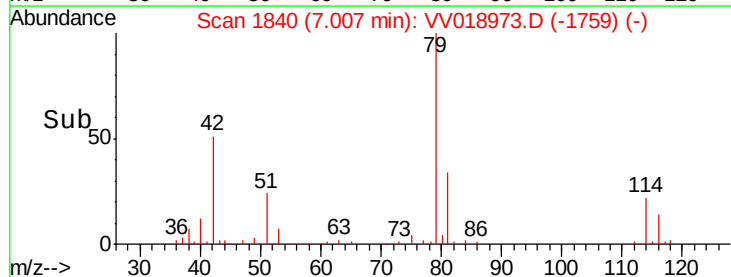
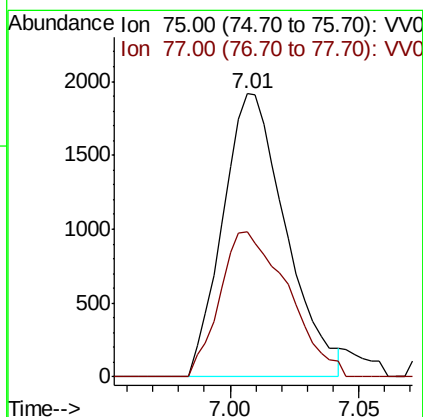
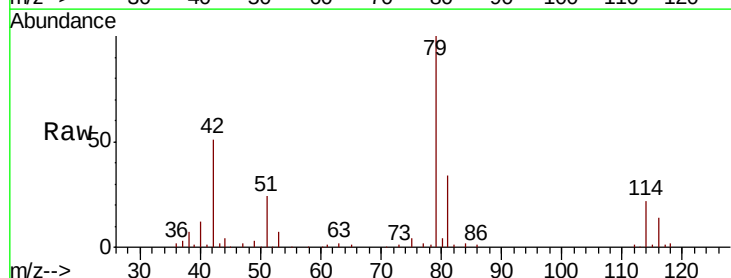
Instrument :
 MSVOA_V
 ClientSampled :
 BG3Z5

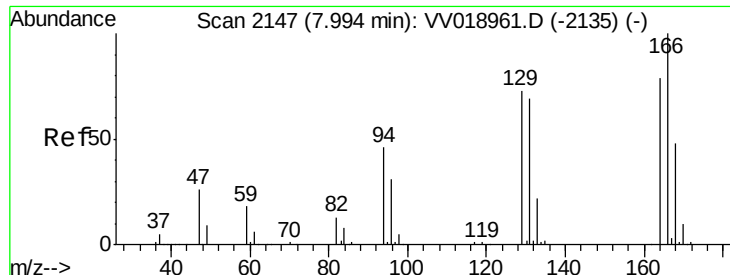
Tot Ion: 63 Resp: 1716
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.3 4.9



#39
 cis-1,3-Dichloropropene
 Concen: 0.848 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018973.D
 Acq: 19 Oct 2020 16:22

Tgt Ion: 75 Resp: 3259
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.5 41.9#





#46

Tetrachloroethene

Concen: 30.905 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018973.D

Acq: 19 Oct 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

BG3Z5

Tot Ion:164 Resp: 59981

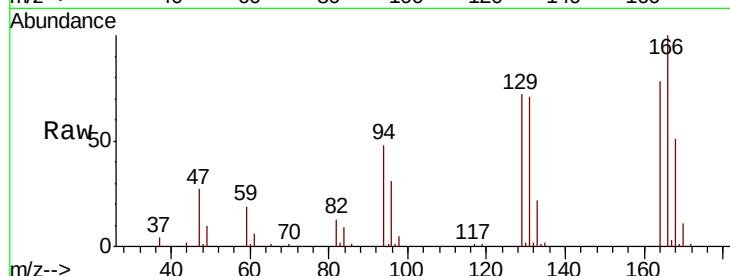
Ion Ratio Lower Upper

164 100

129 93.4 65.0 120.8

131 91.5 62.9 116.7

166 129.0 91.1 169.3

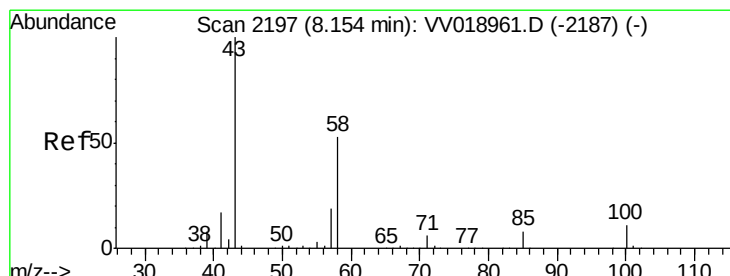
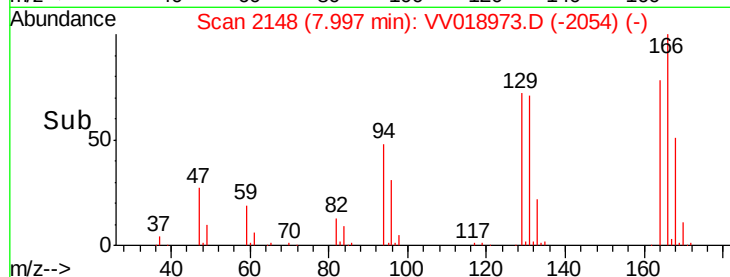
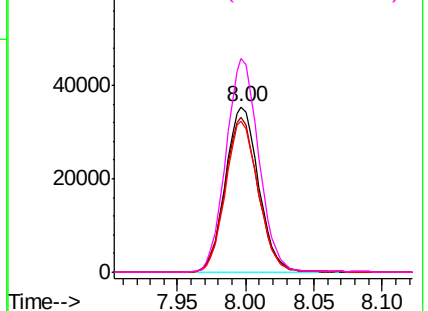


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.678 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018973.D

Acq: 19 Oct 2020 16:22

Tgt Ion: 43 Resp: 18668

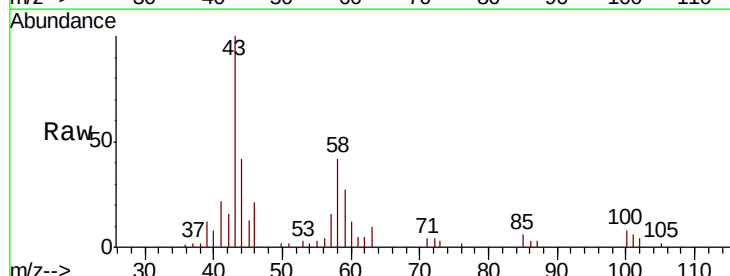
Ion Ratio Lower Upper

43 100

58 37.9 42.5 63.7#

57 10.5 14.5 21.7#

100 7.1 9.0 13.4#

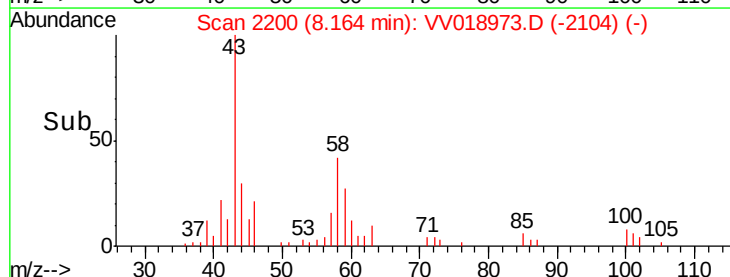
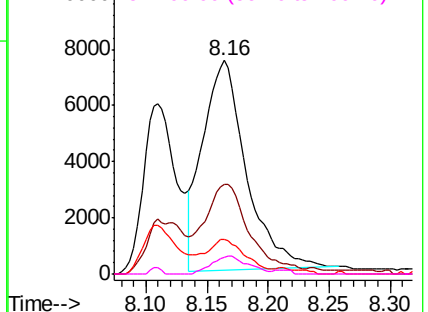


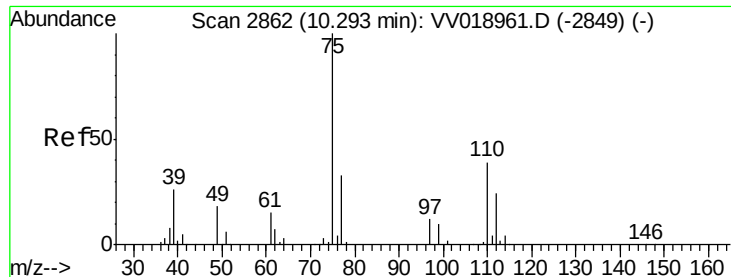
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.685 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018973.D

Acq: 19 Oct 2020 16:22

Instrument :

MSVOA_V

ClientSampleId :

BG3Z5

Tot Ion: 75 Resp: 17591

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.2

