

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018560.D
 Acq On : 30 Sep 2020 11:33
 Operator : SY/MD
 Sample : L4165-08DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8DL

Quant Time: Oct 01 07:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86548	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.58	69	87995	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.64%
11) 1,1-Dichloroethene-d2	2.12	63	151829	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	3.92	46	145470	95.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	4.38	84	202922	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
26) 1,2-Dichloroethane-d4	5.06	65	136276	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.08	84	406218	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
36) 1,2-Dichloropropane-d6	6.09	67	127298	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.34	98	371330	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%
43) trans-1,3-Dichloropropene-	7.64	79	63970	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.64%
47) 2-Hexanone-d5	8.11	63	84966	87.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153103	45.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	164929	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

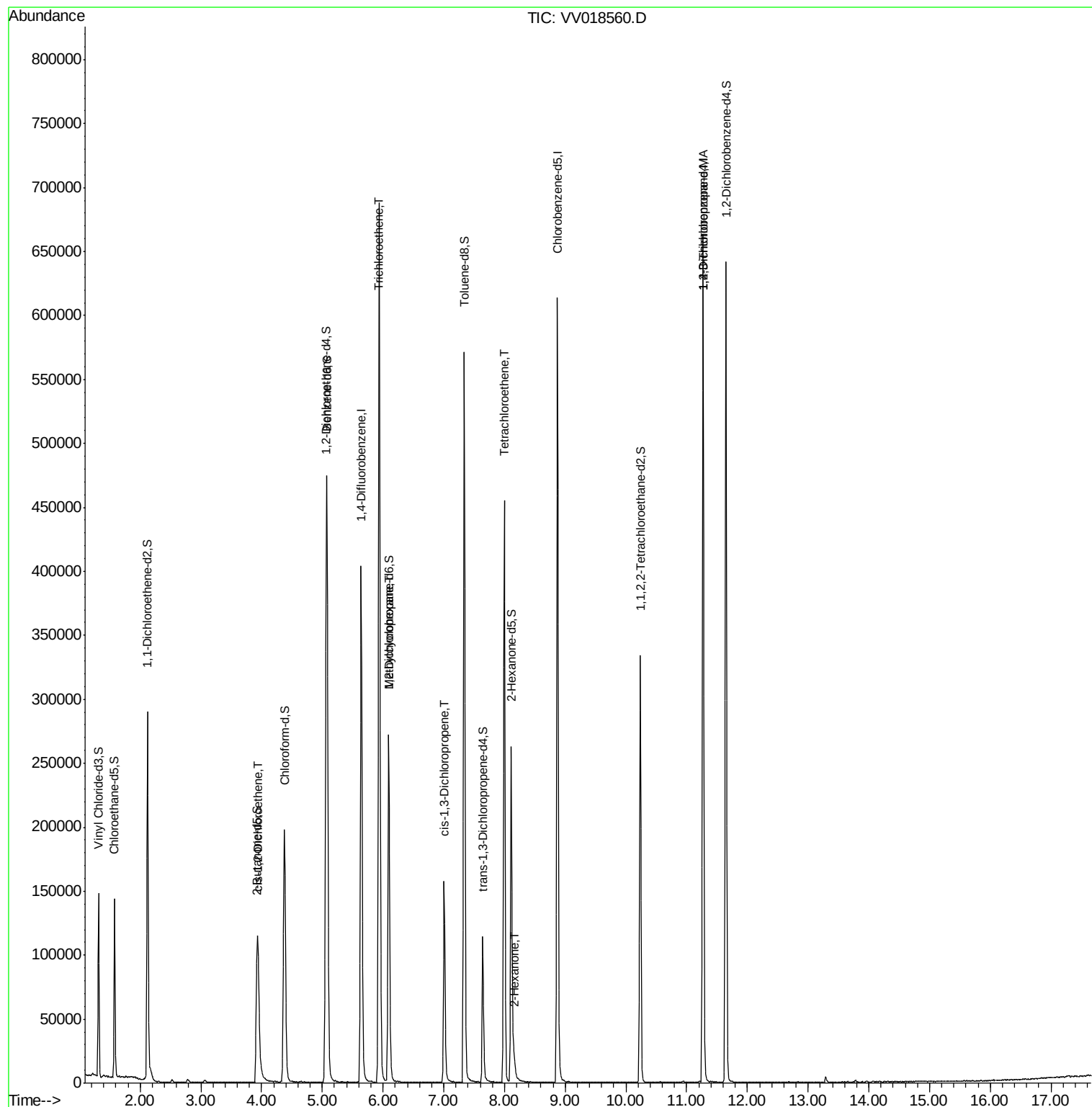
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	30464	11.571 ug/L	95
34) Trichloroethene	5.94	95	228395	80.172 ug/L	98
35) Methylcyclohexane	6.09	83	31879	8.295 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3667	0.928 ug/L #	62
46) Tetrachloroethene	8.00	164	104637	45.274 ug/L	98
48) 2-Hexanone	8.16	43	9802	3.867 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	20315	6.634 ug/L	93

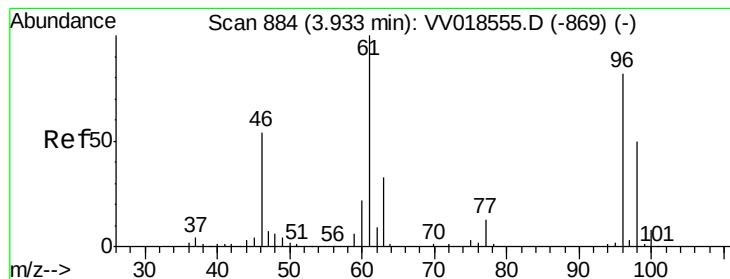
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 11.571 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018560.D

Acq: 30 Sep 2020 11:33

Instrument :

MSVOA_V

ClientSampled :

C0AA8DL

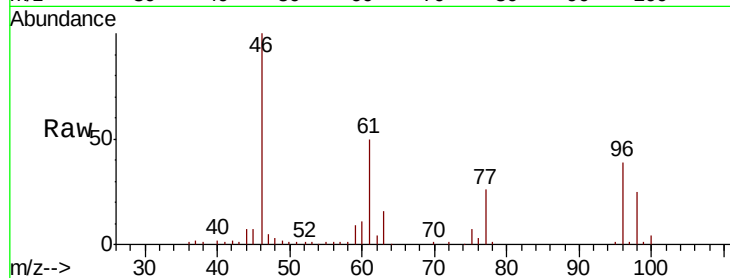
Tot Ion: 96 Resp: 30464

Ion Ratio Lower Upper

96 100

61 129.9 86.8 161.2

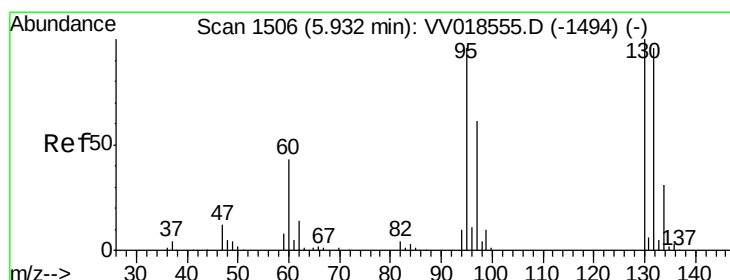
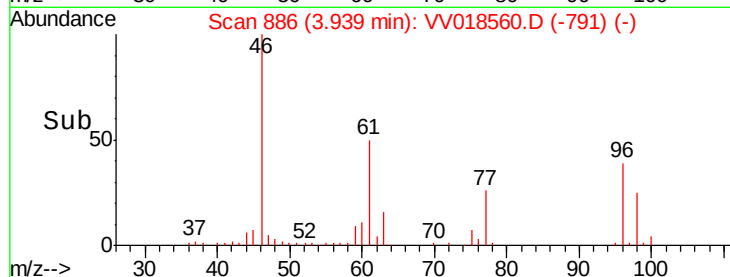
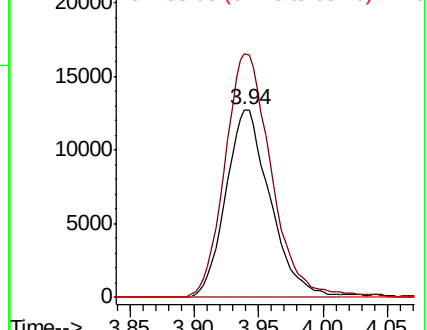
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018555.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018555.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018555.D (-869) (-)



#34

Trichloroethene

Concen: 80.172 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018560.D

Acq: 30 Sep 2020 11:33

Tgt Ion: 95 Resp: 228395

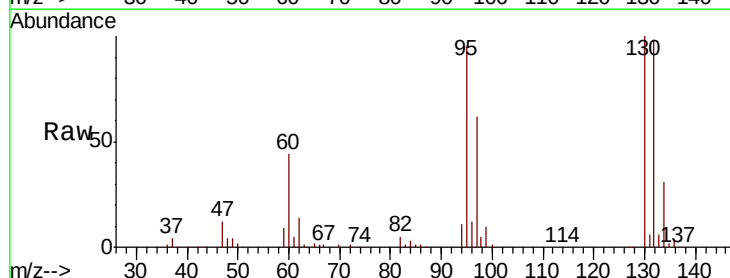
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 103.0 70.8 131.4

130 105.6 75.3 139.8

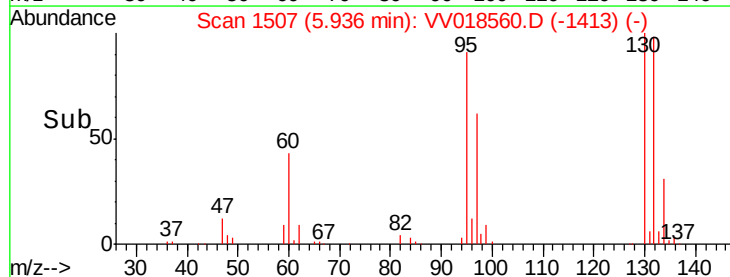
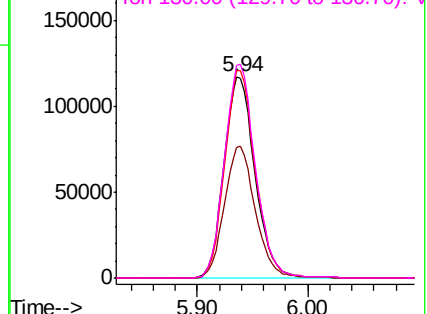


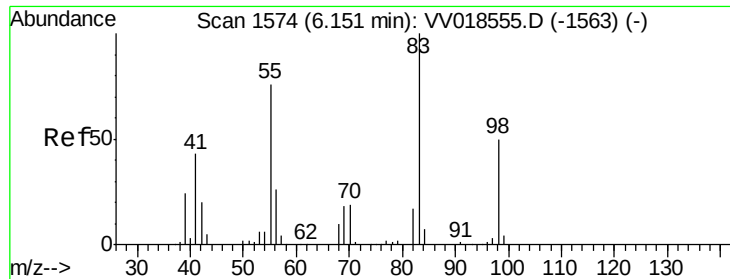
Abundance Ion 95.00 (94.70 to 95.70): VV018555.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018555.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018555.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018555.D (-1494) (-)

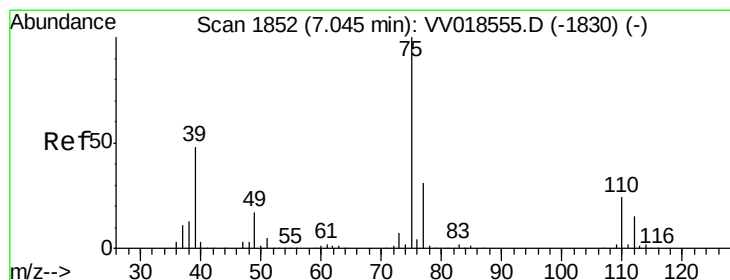
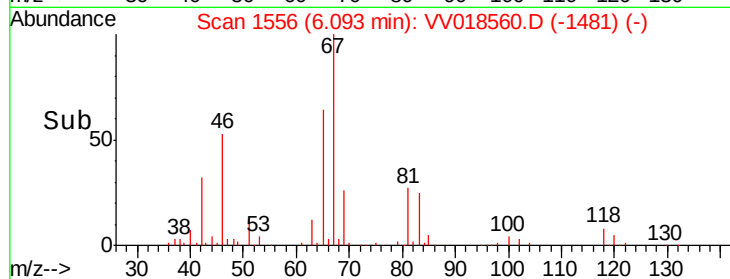
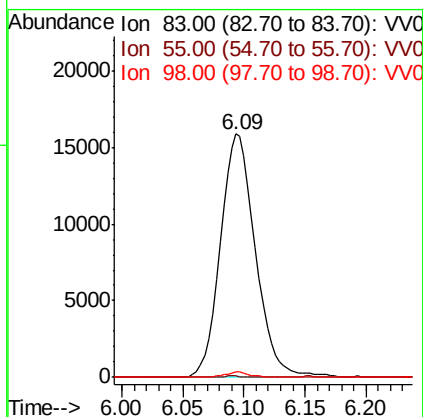
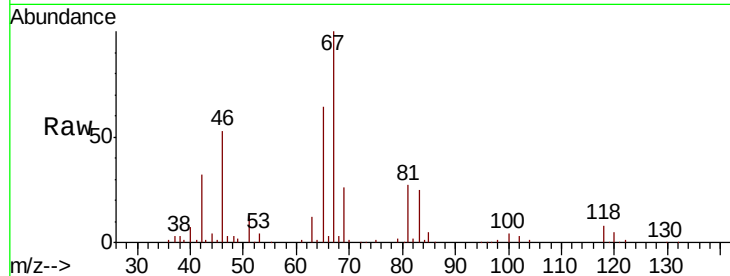




#35
Methylvlcyclohexane
Concen: 8.295 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018560.D
Acq: 30 Sep 2020 11:33

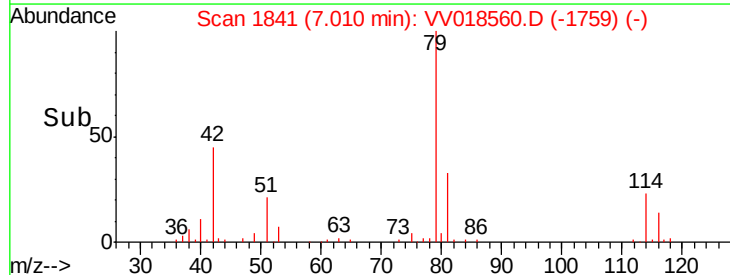
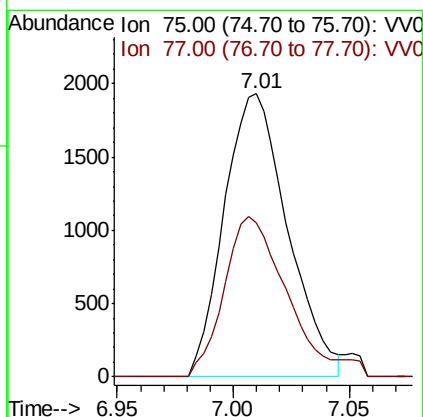
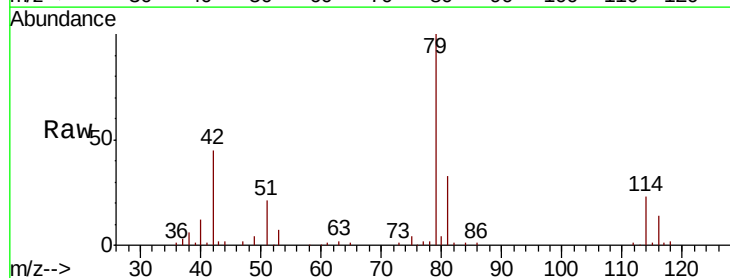
Instrument :
MSVOA_V
ClientSampleId :
C0AA8DL

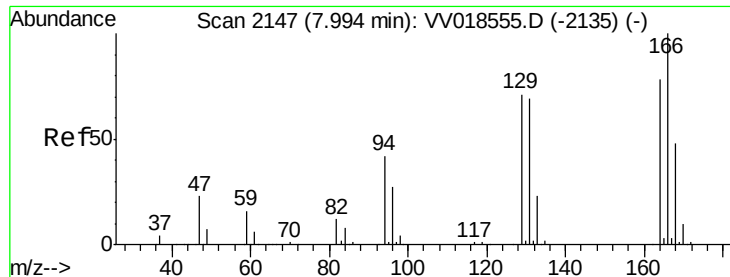
Tot Ion: 83 Resp: 31879
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 1.4 40.2 60.4#



#39
cis-1,3-Dichloropropene
Concen: 0.928 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018560.D
Acq: 30 Sep 2020 11:33

Tgt Ion: 75 Resp: 3667
Ion Ratio Lower Upper
75 100
77 54.3 23.0 42.6#





#46

Tetrachloroethene

Concen: 45.274 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018560.D

Acq: 30 Sep 2020 11:33

Instrument :

MSVOA_V

ClientSampleId :

C0AA8DL

Tot Ion:164 Resp: 104637

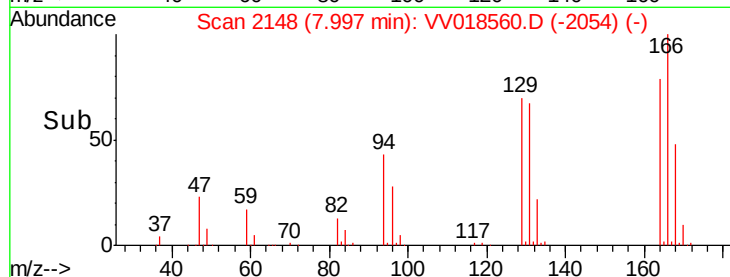
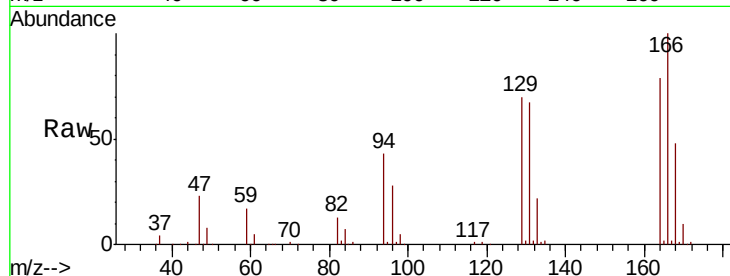
Ion Ratio Lower Upper

164 100

129 87.9 62.8 116.6

131 84.0 60.8 112.8

166 125.9 88.9 165.1

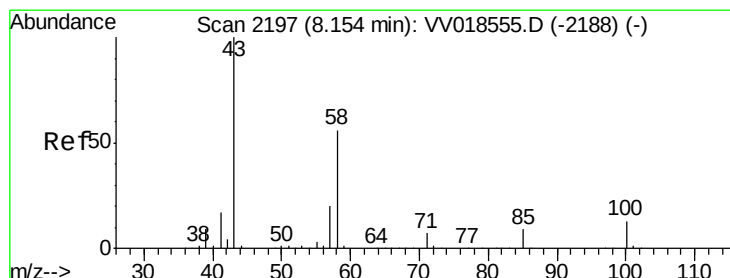
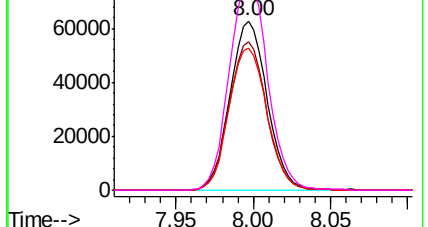


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.867 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018560.D

Acq: 30 Sep 2020 11:33

Tgt Ion: 43 Resp: 9802

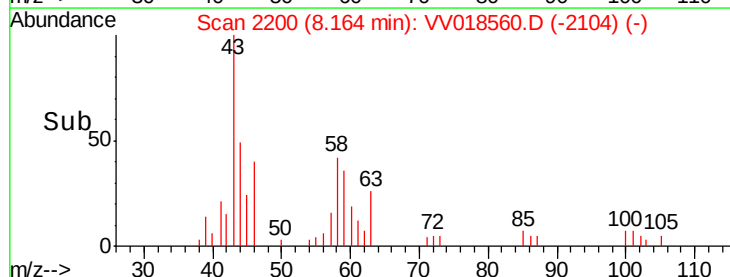
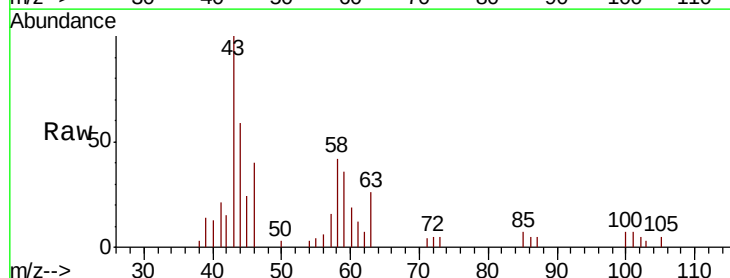
Ion Ratio Lower Upper

43 100

58 31.4 45.1 67.7#

57 8.0 15.7 23.5#

100 3.1 11.0 16.4#

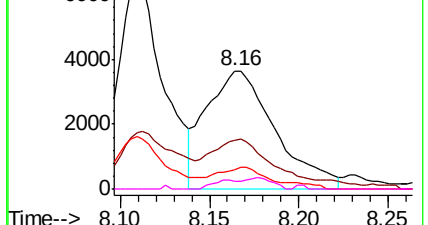


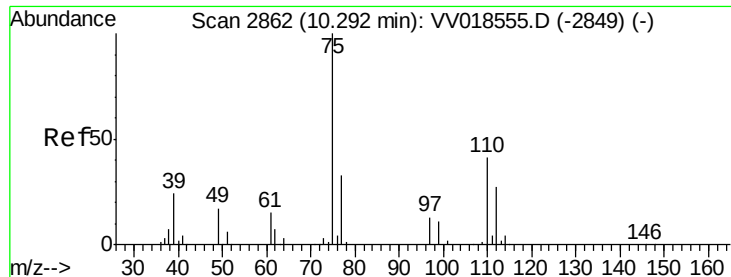
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.634 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018560.D

Acq: 30 Sep 2020 11:33

Instrument :

MSVOA_V

ClientSampleId :

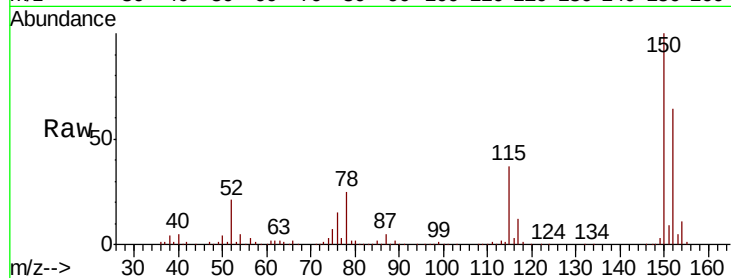
C0AA8DL

Tot Ion: 75 Resp: 20315

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

