

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017860.D
 Acq On : 08 Aug 2020 17:19
 Operator : SY/MD
 Sample : L3564-01ME 40X
 Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSM8

Quant Time: Aug 10 04:09:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 02:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	235430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38338	30.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.32%
7) Chloroethane-d5	1.58	69	40694	37.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.38%
11) 1,1-Dichloroethene-d2	2.12	63	82645	27.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.12%#
21) 2-Butanone-d5	3.91	46	87553	110.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.01%
24) Chloroform-d	4.37	84	149873	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.06	65	119074	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.07	84	249471	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.09	67	69399	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.34	98	247121	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.64	79	35693	40.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.42%
47) 2-Hexanone-d5	8.11	63	65309	130.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.81%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104066	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	127948	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

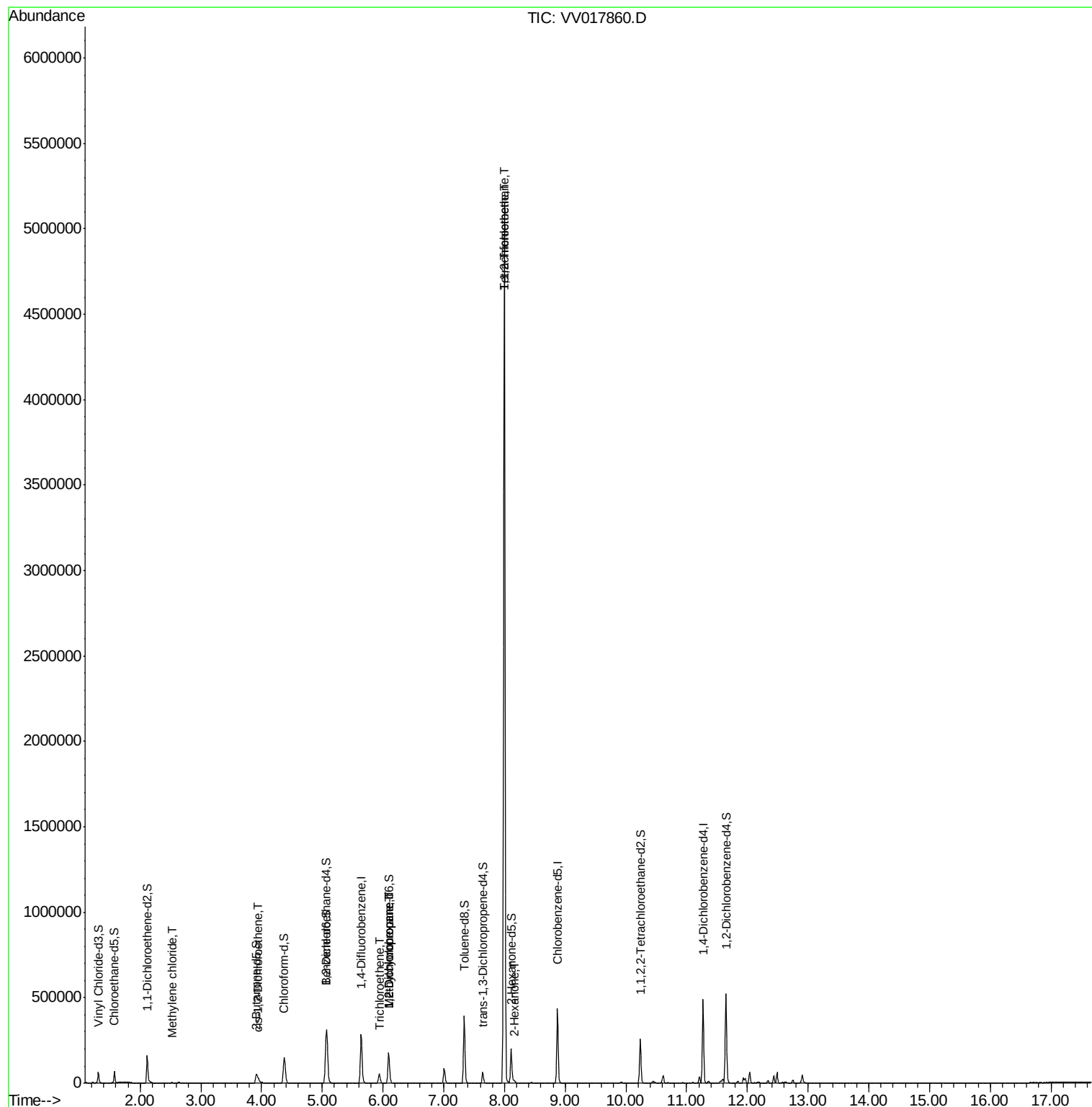
					Ovalue
16) Methylene chloride	2.52	84	1562	1.025 ug/L	96
20) cis-1,2-Dichloroethene	3.95	96	1119	0.700 ug/L	91
34) Trichloroethene	5.94	95	15817	9.403 ug/L	93
35) Methylcyclohexane	6.09	83	22407	9.354 ug/L #	21
37) 1,2-Dichloropropane	6.09	63	10979	9.016 ug/L #	79
45) 1,1,2-Trichloroethane	8.00	97	9880	6.448 ug/L #	41
46) Tetrachloroethene	8.00	164	1137521	717.507 ug/L	97
48) 2-Hexanone	8.17	43	4261	3.204 ug/L #	76

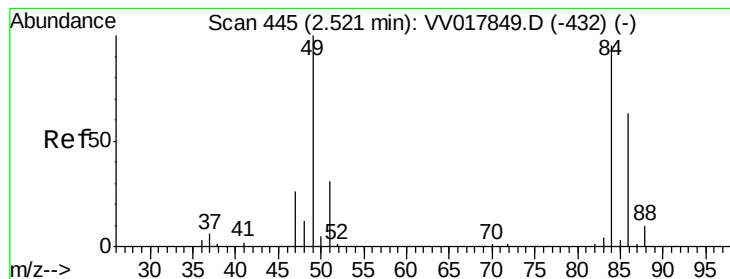
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 1.025 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

Instrument :

MSVOA_V

ClientSampleId :

BFSM8

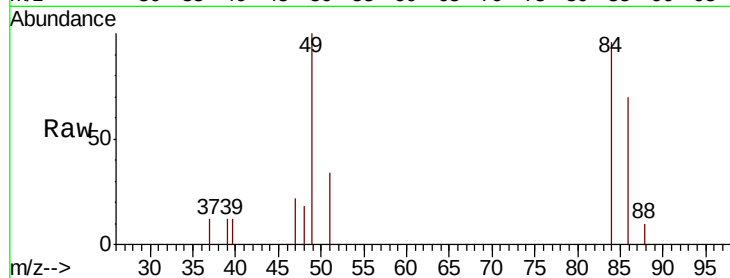
Tot Ion: 84 Resp: 1562

Ion Ratio Lower Upper

84 100

86 72.5 46.2 85.8

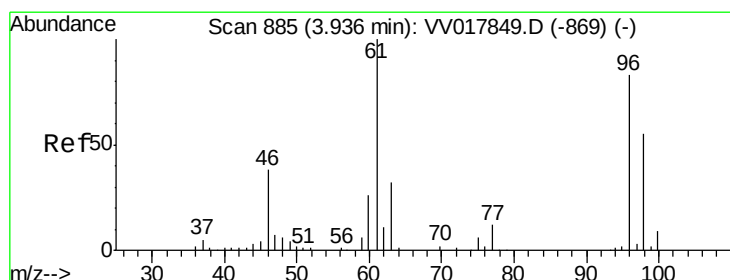
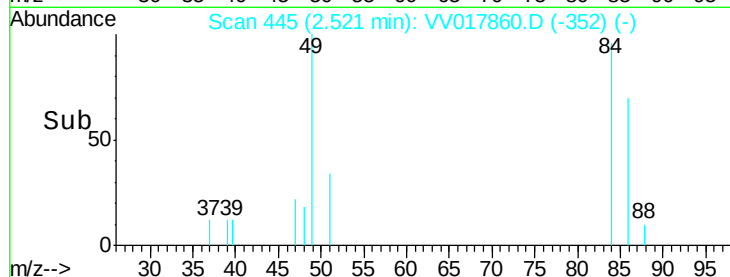
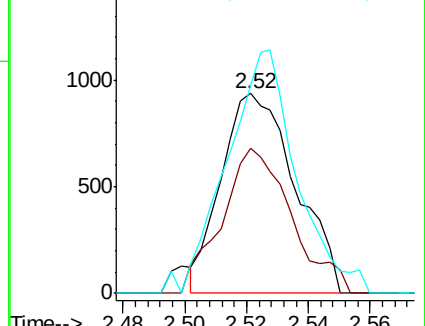
49 103.7 73.6 136.6



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 0.700 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

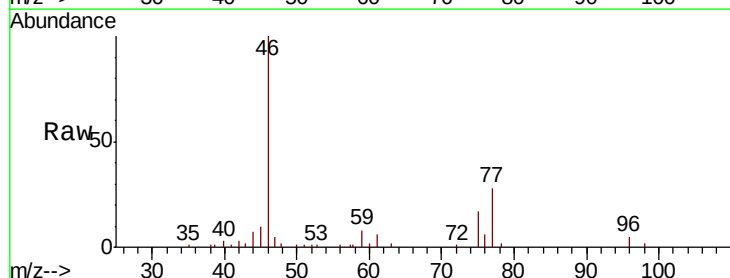
Tgt Ion: 96 Resp: 1119

Ion Ratio Lower Upper

96 100

61 110.4 84.4 156.8

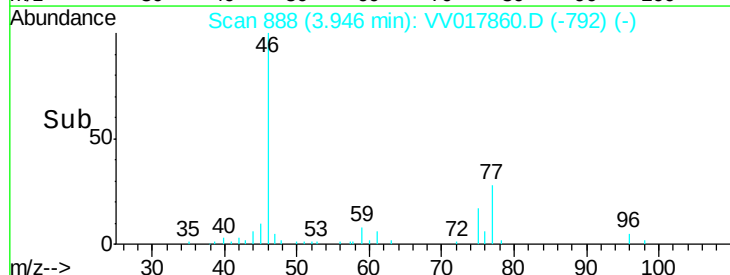
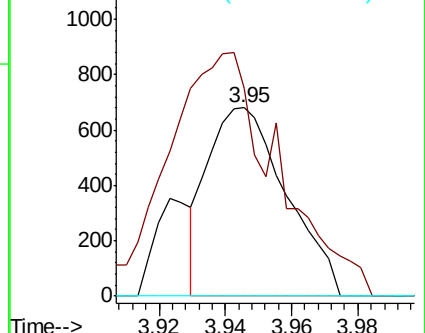
68 0.0 0.0 0.0

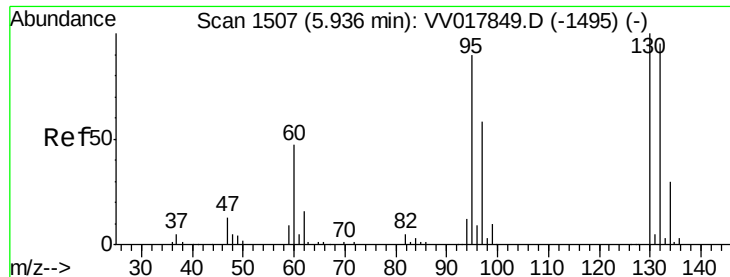


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 9.403 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

Instrument :

MSVOA_V

ClientSampleId :

BFSM8

Tot Ion: 95 Resp: 15817

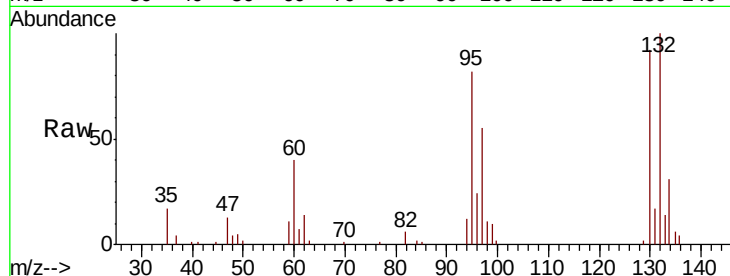
Ion Ratio Lower Upper

95 100

97 66.5 44.7 83.1

132 121.6 73.6 136.8

130 111.6 77.6 144.0

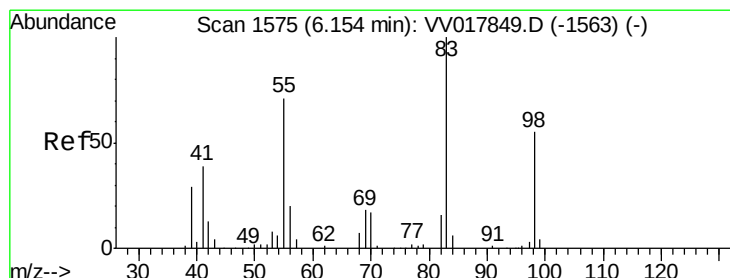
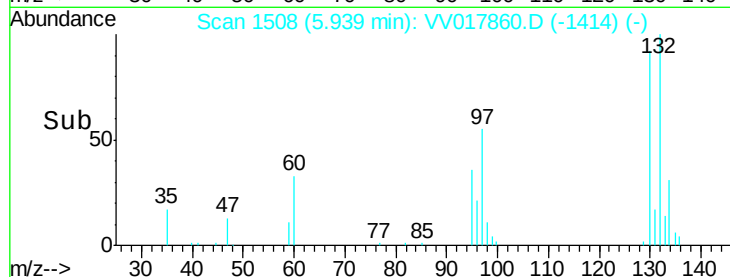
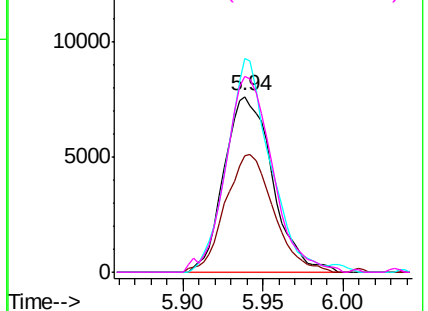


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 9.354 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

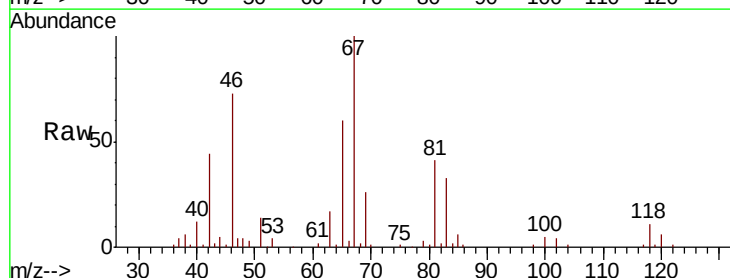
Tgt Ion: 83 Resp: 22407

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

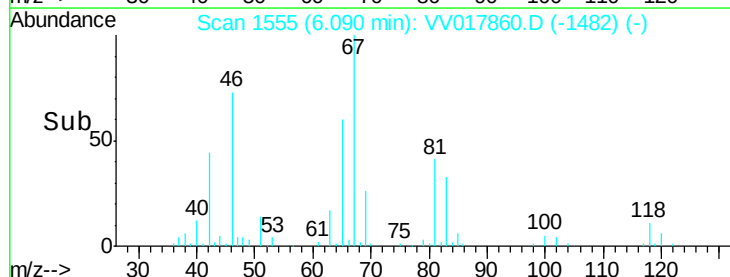
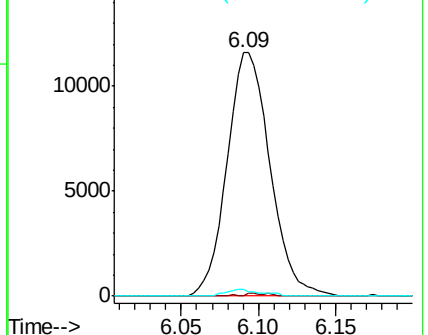
98 1.8 41.1 61.7#

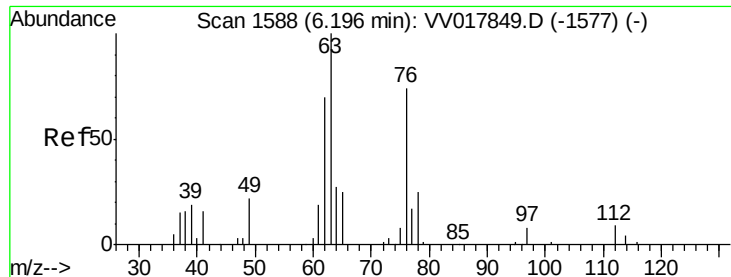


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

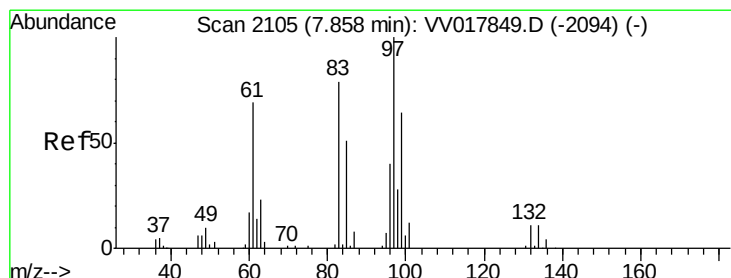
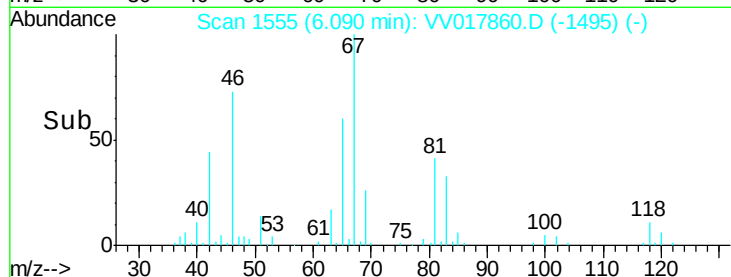
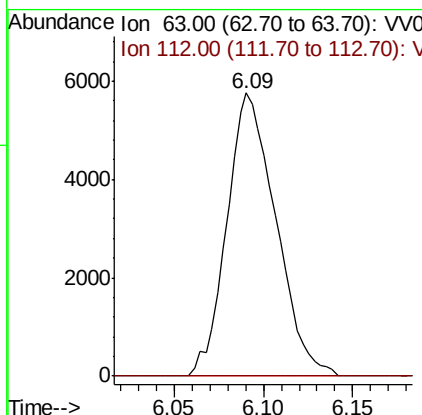
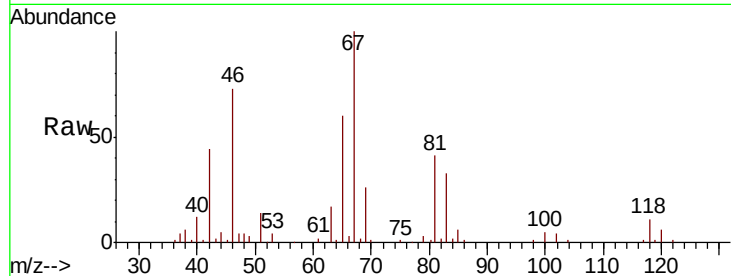




#37
 1,2-Dichloropropane
 Concen: 9.016 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017860.D
 Acq: 08 Aug 2020 17:19

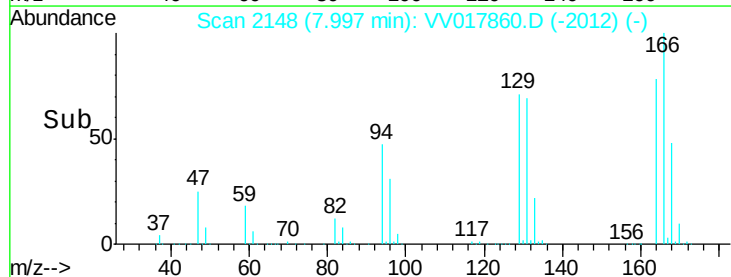
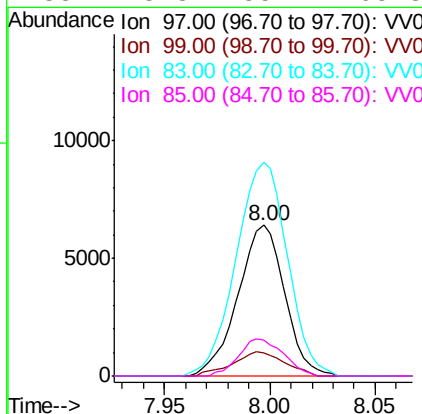
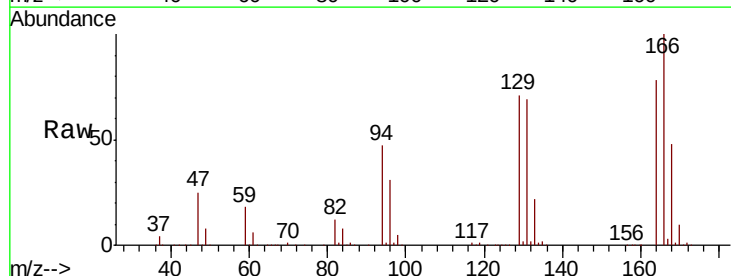
Instrument :
 MSVOA_V
 ClientSampleId :
 BFSM8

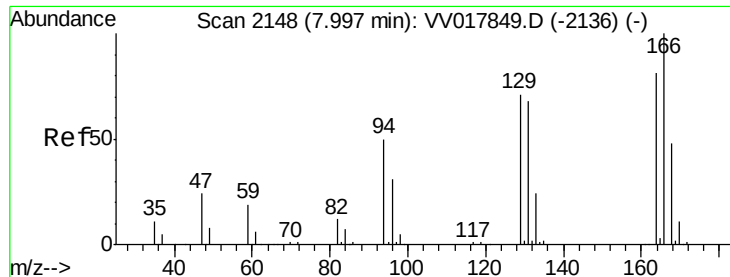
Tot Ion: 63 Resp: 10979
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.8 8.6#



#45
 1,1,2-Trichloroethane
 Concen: 6.448 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.14 min
 Lab File: VV017860.D
 Acq: 08 Aug 2020 17:19

Tgt Ion: 97 Resp: 9880
 Ion Ratio Lower Upper
 97 100
 99 15.1 44.7 82.9#
 83 141.5 55.7 103.5#
 85 23.8 35.4 65.8#





#46

Tetrachloroethene

Concen: 717.507 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

Instrument :

MSVOA_V

ClientSampleId :

BFSM8

Tot Ion:164 Resp: 1137521

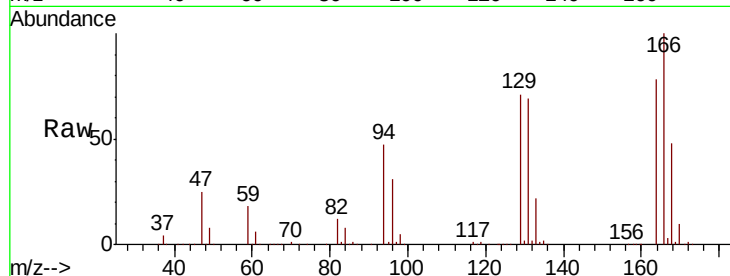
Ion Ratio Lower Upper

164 100

129 91.1 61.6 114.4

131 87.9 59.6 110.8

166 127.7 87.2 161.9

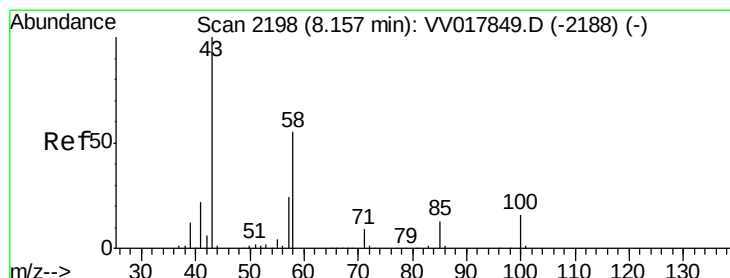
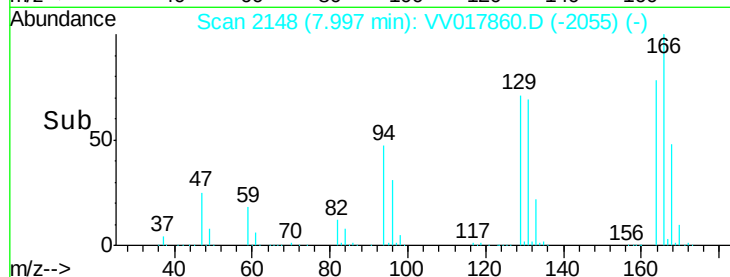
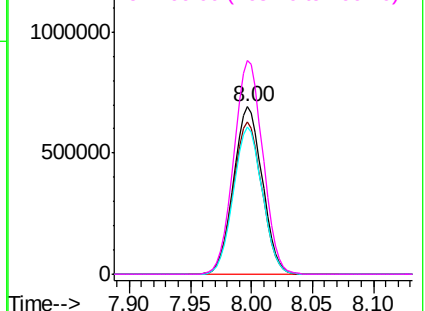


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.204 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017860.D

Acq: 08 Aug 2020 17:19

Tgt Ion: 43 Resp: 4261

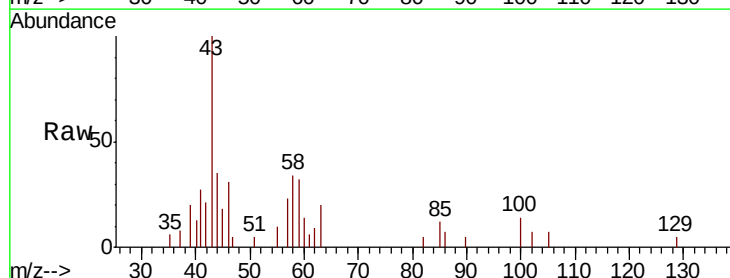
Ion Ratio Lower Upper

43 100

58 32.9 43.8 65.8#

57 14.8 18.0 27.0#

100 10.7 13.8 20.8#



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

