

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018118.D
 Acq On : 27 Aug 2020 15:36
 Operator : SY/MD
 Sample : L3800-05ME
 Misc : 6.94g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H5ME

Quant Time: Aug 28 06:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	495369	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	485914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	245266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	150304	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.54%
7) Chloroethane-d5	1.58	69	132527	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.72%
11) 1,1-Dichloroethene-d2	2.12	63	239462	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	3.91	46	231732	93.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.61%
24) Chloroform-d	4.37	84	300348	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.05	65	206091	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
32) Benzene-d6	5.07	84	623239	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.09	67	202456	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.34	98	566287	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.64	79	97022	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.11	63	134356	95.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	259765	45.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	244835	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

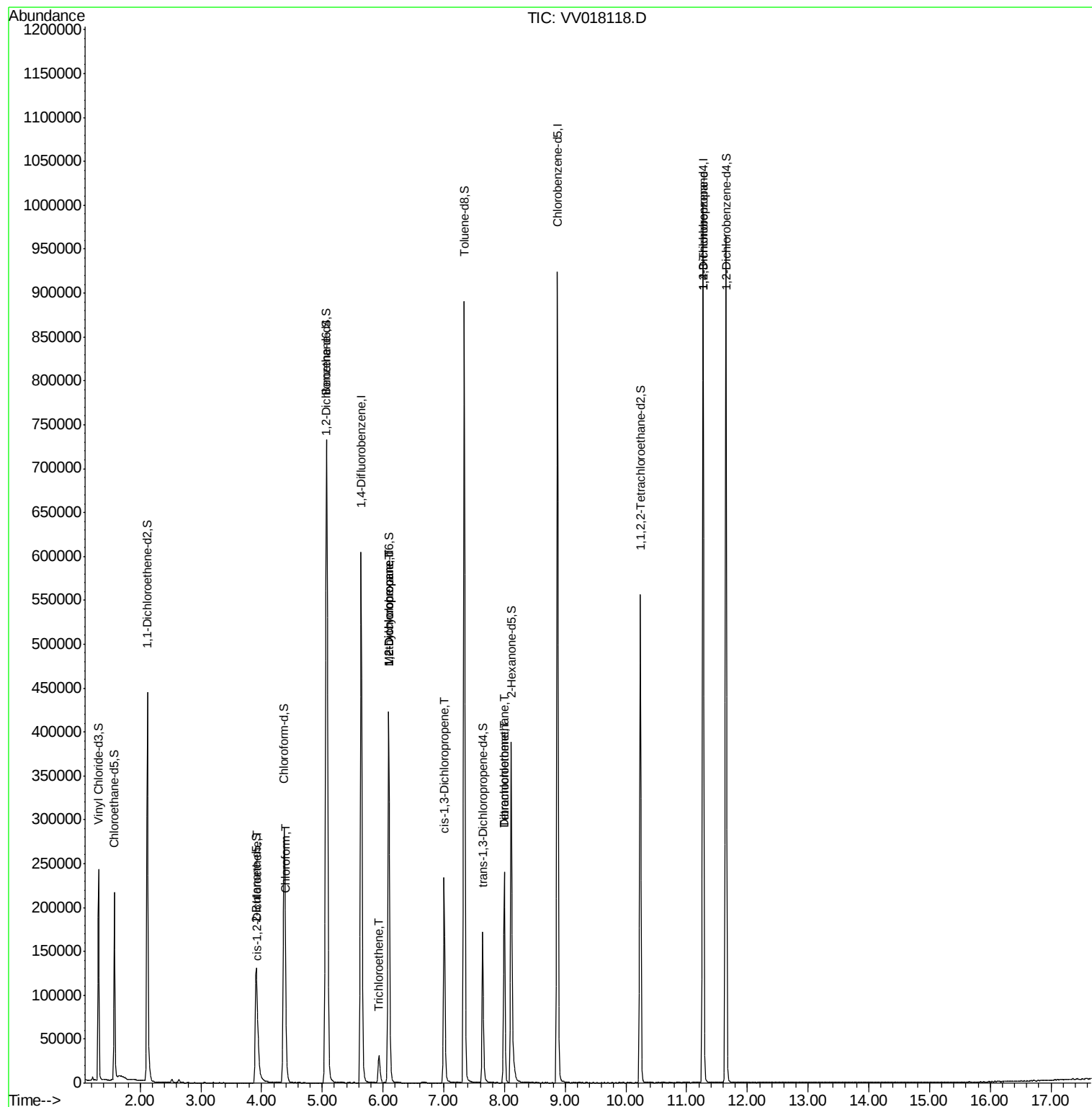
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	6986	1.861	ug/L 90
25) Chloroform	4.40	83	13231	1.889	ug/L 91
34) Trichloroethene	5.94	95	5665	1.426	ug/L 95
35) Methylcyclohexane	6.09	83	47888	8.104	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	22527	5.495	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	5416	0.932	ug/L # 63
46) Tetrachloroethene	8.00	164	54107	18.566	ug/L 97
49) Dibromochloromethane	8.00	129	50409	13.602	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	29035	5.734	ug/L 93

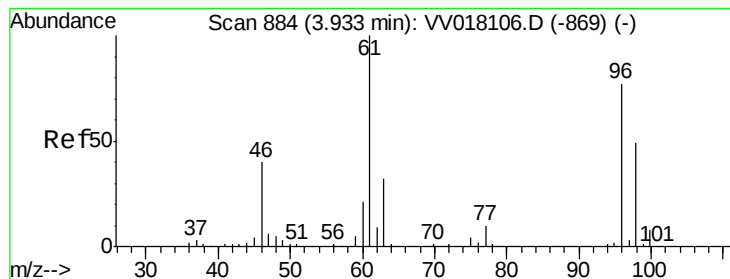
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 1.861 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3H5ME

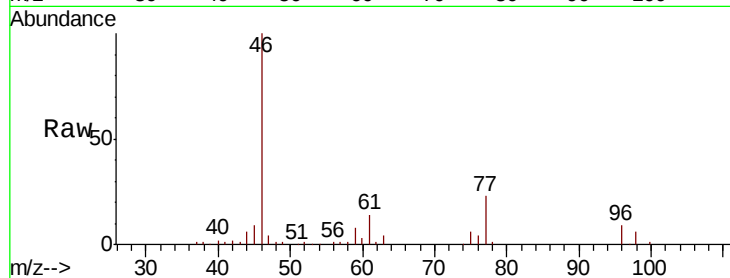
Tot Ion: 96 Resp: 6986

Ion Ratio Lower Upper

96 100

61 147.8 95.0 176.4

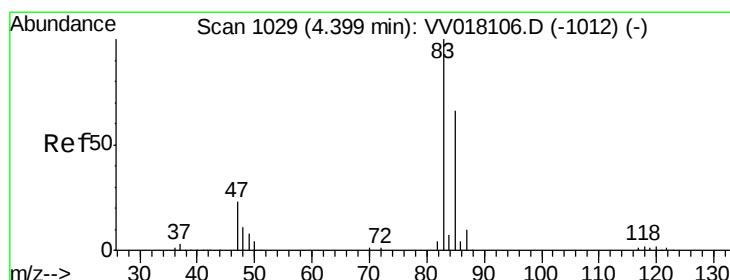
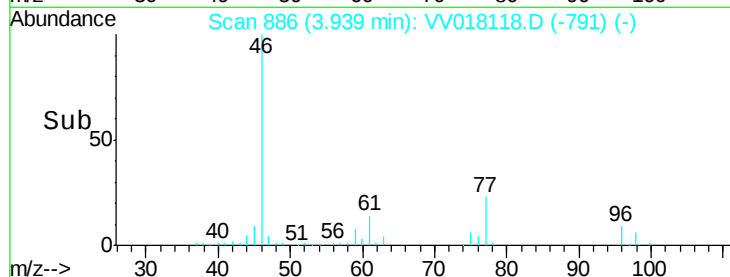
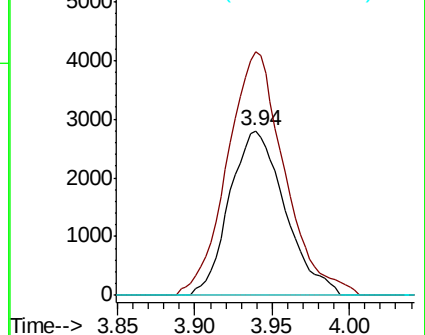
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018118.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV018118.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV018118.D (-791) (-)



#25

Chloroform

Concen: 1.889 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018118.D

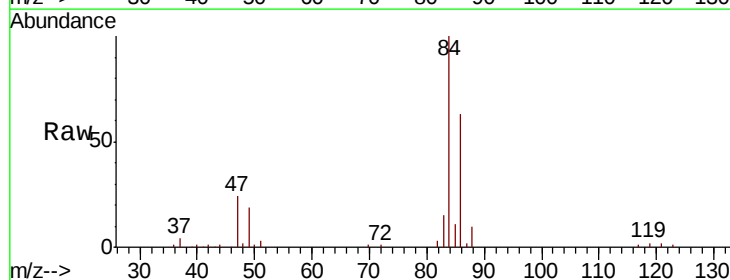
Acq: 27 Aug 2020 15:36

Tgt Ion: 83 Resp: 13231

Ion Ratio Lower Upper

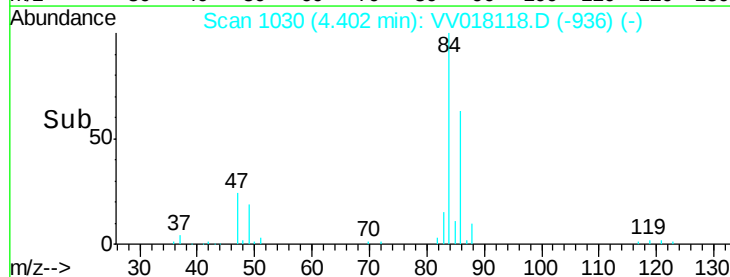
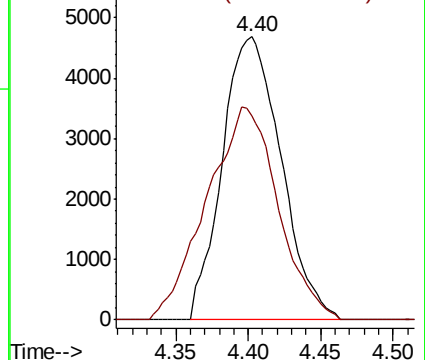
83 100

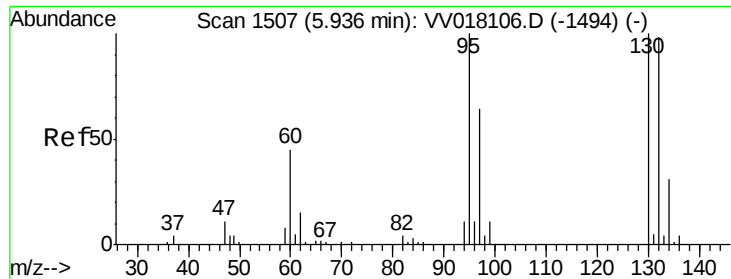
85 72.2 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV018118.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV018118.D (-936) (-)





#34

Trichloroethene

Concen: 1.426 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3H5ME

Tot Ion: 95 Resp: 5665

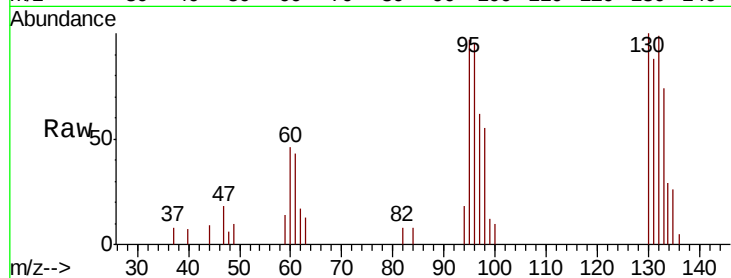
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 101.7 65.8 122.2

130 103.3 69.2 128.6



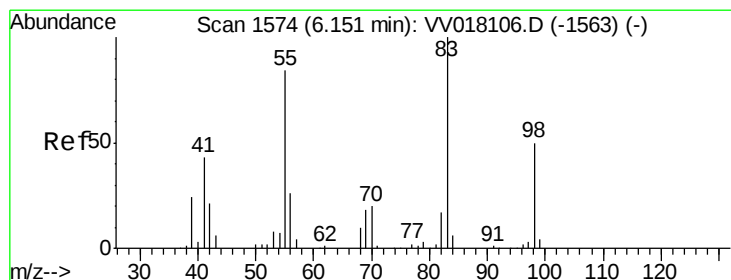
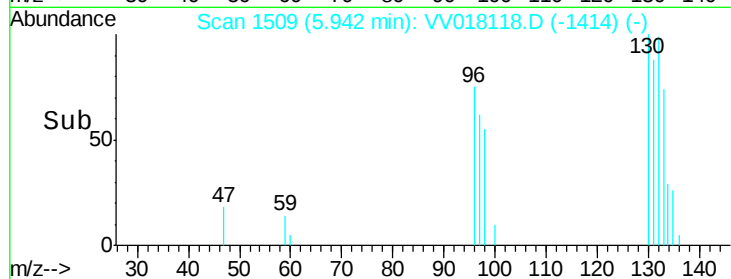
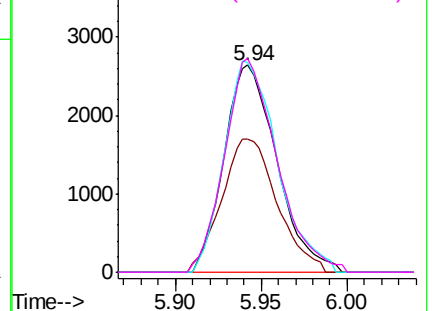
Abundance

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): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 8.104 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

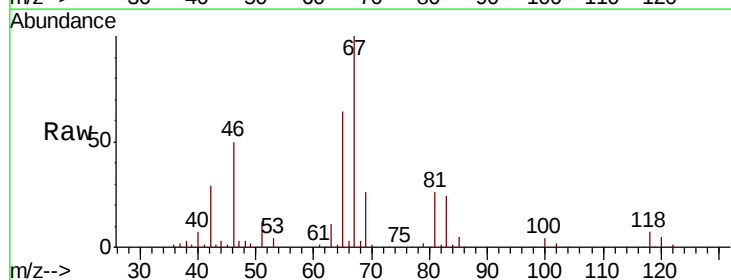
Tgt Ion: 83 Resp: 47888

Ion Ratio Lower Upper

83 100

55 0.4 64.9 97.3#

98 1.7 38.7 58.1#

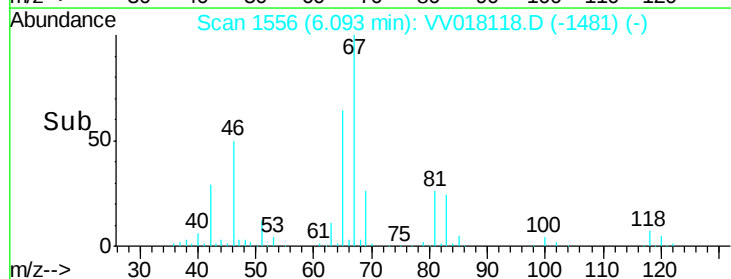
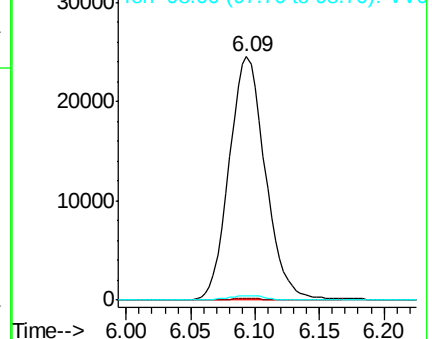


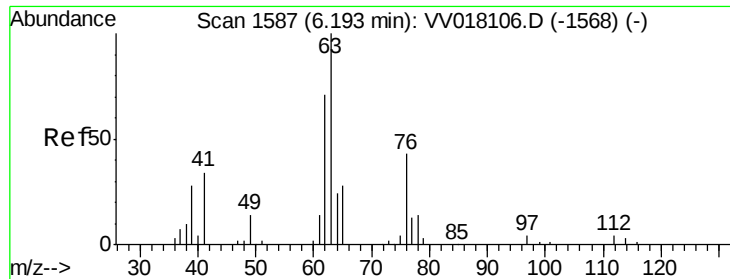
Abundance

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

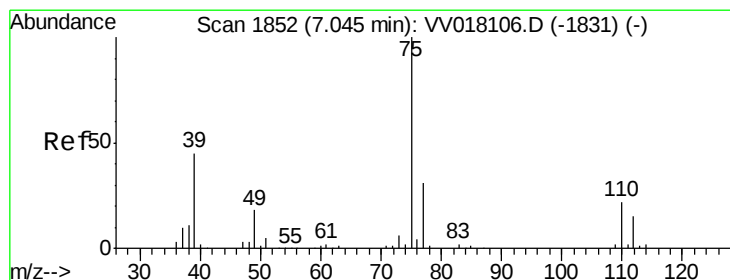
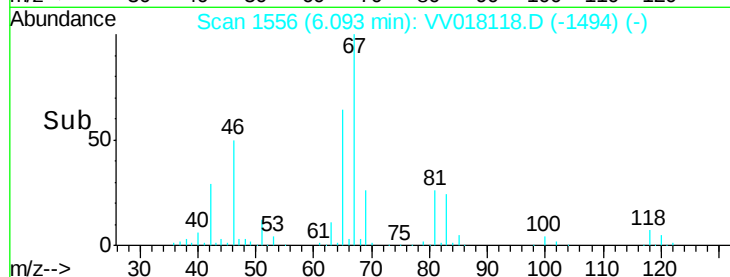
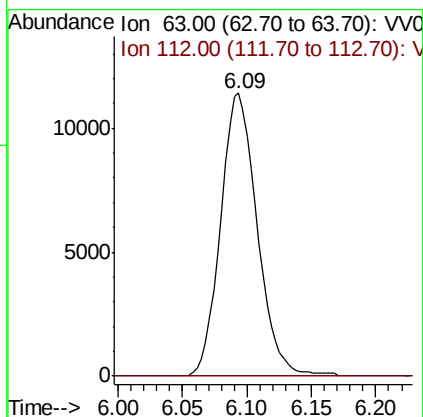
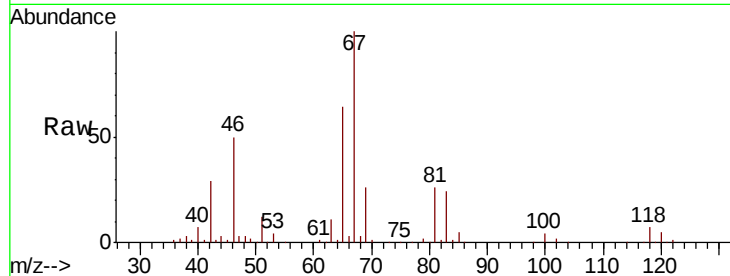




#37
 1,2-Dichloropropane
 Concen: 5.495 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018118.D
 Acq: 27 Aug 2020 15:36

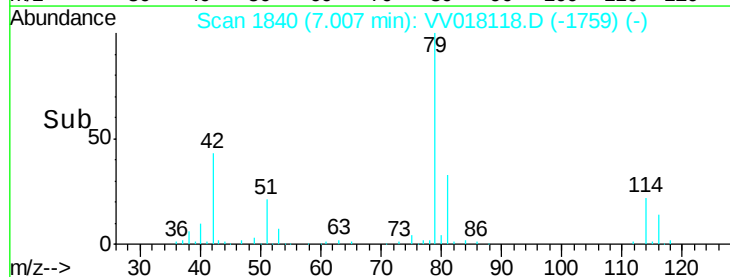
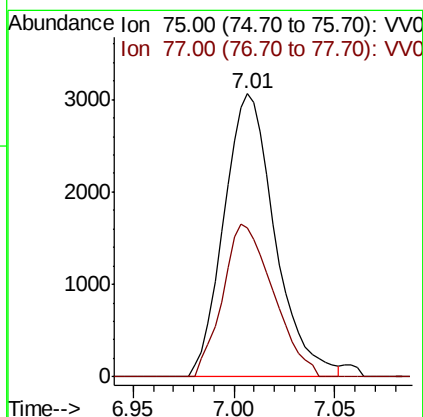
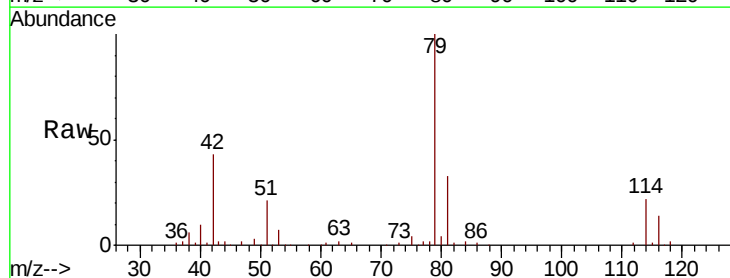
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H5ME

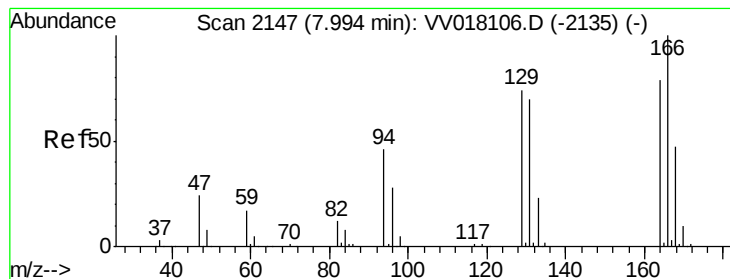
Tot Ion: 63 Resp: 22527
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.932 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018118.D
 Acq: 27 Aug 2020 15:36

Tgt Ion: 75 Resp: 5416
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.3 41.5#





#46

Tetrachloroethene

Concen: 18.566 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3H5ME

Tot Ion:164 Resp: 54107

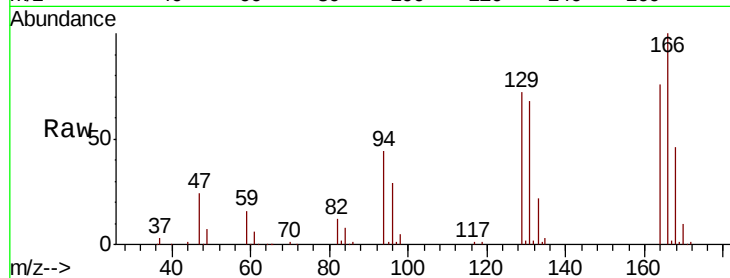
Ion Ratio Lower Upper

164 100

129 94.2 64.8 120.3

131 89.0 64.5 119.9

166 130.9 88.9 165.1

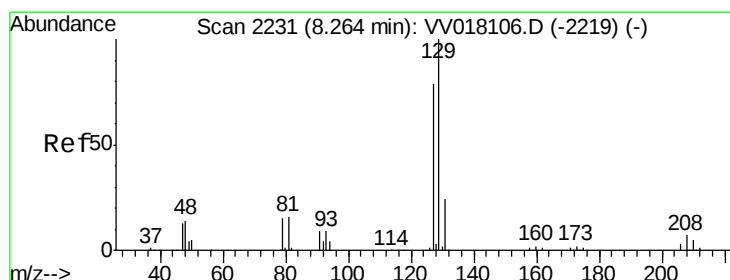
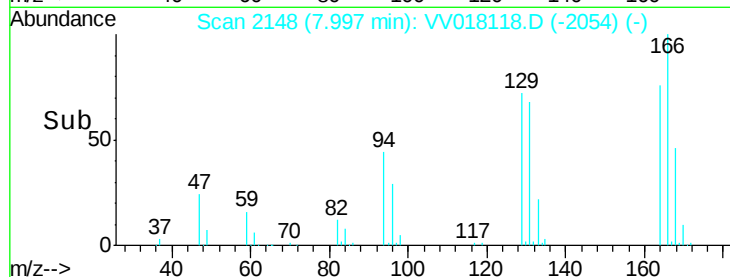
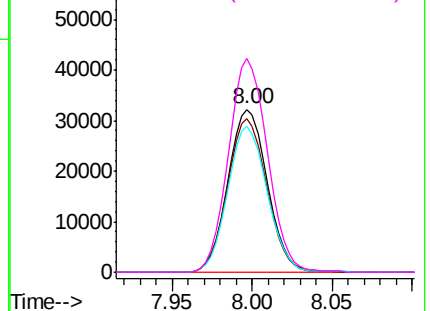


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 13.602 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018118.D

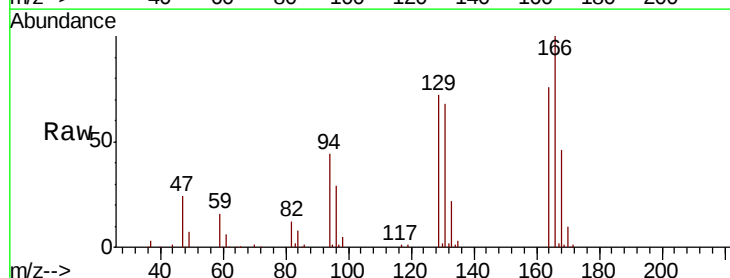
Acq: 27 Aug 2020 15:36

Tgt Ion:129 Resp: 50409

Ion Ratio Lower Upper

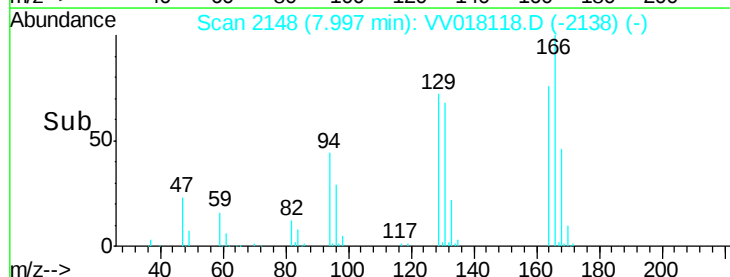
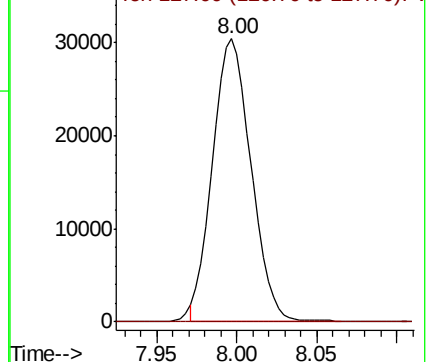
129 100

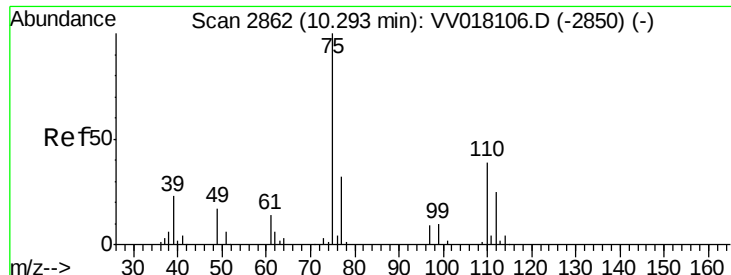
127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.734 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3H5ME

Tot Ion: 75 Resp: 29035

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5

