

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018116.D
 Acq On : 27 Aug 2020 14:49
 Operator : SY/MD
 Sample : L3800-06ME
 Misc : 6.61g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H6ME

Quant Time: Aug 28 06:23:23 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	435870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	435242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	223724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	180823	54.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.74%
7) Chloroethane-d5	1.58	69	151798	55.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.58%
11) 1,1-Dichloroethene-d2	2.11	63	279464	43.93	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
21) 2-Butanone-d5	3.92	46	262427	120.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.48%
24) Chloroform-d	4.37	84	337868	55.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.62%
26) 1,2-Dichloroethane-d4	5.05	65	240018	61.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.08%
32) Benzene-d6	5.07	84	726343	60.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.10%
36) 1,2-Dichloropropane-d6	6.09	67	234344	59.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.52%
41) Toluene-d8	7.33	98	659086	61.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.20%#
43) trans-1,3-Dichloropropene-	7.64	79	114438	64.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.68%#
47) 2-Hexanone-d5	8.12	63	161194	128.09	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	306145	59.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	283453	64.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.76%#

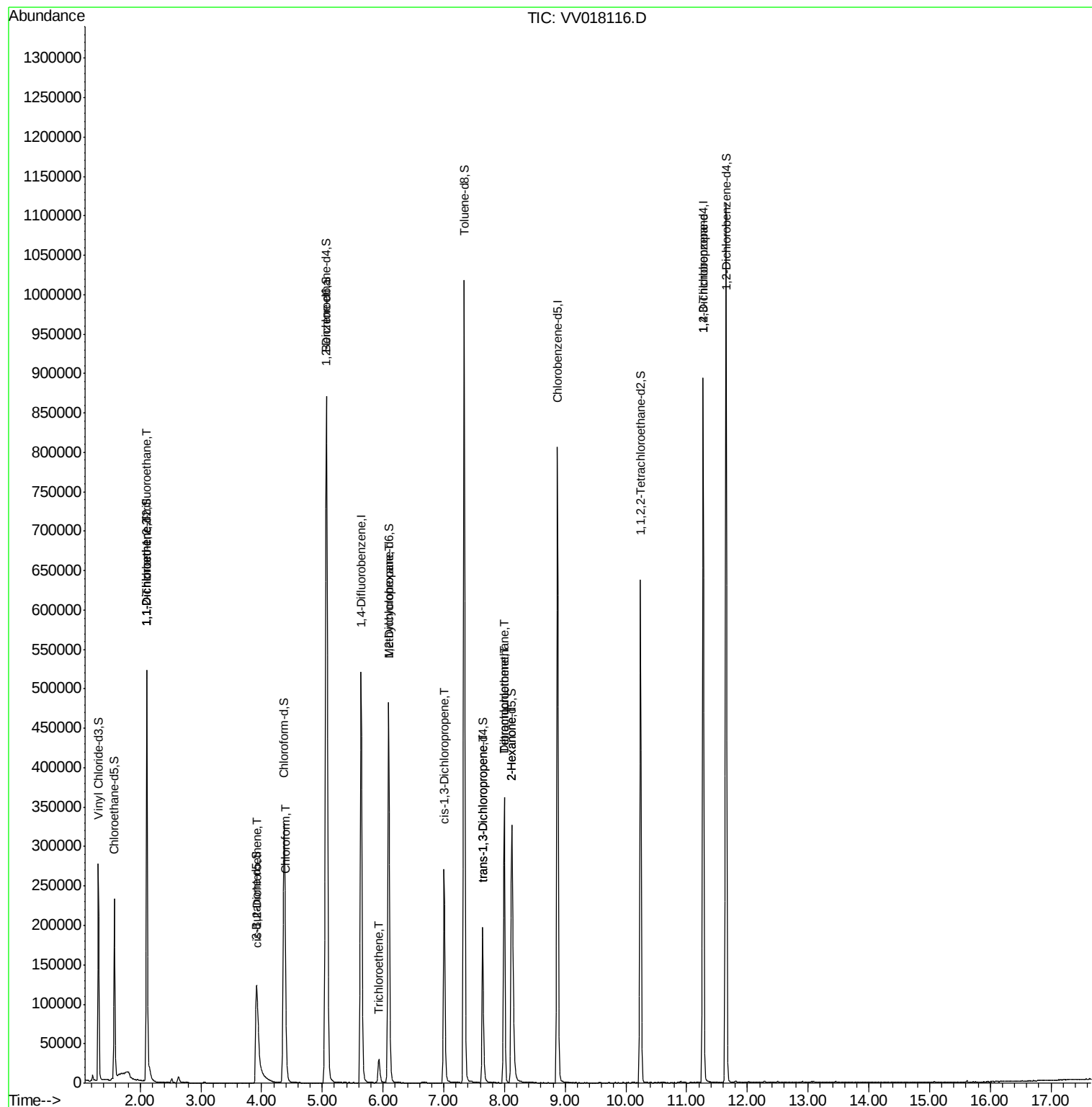
Target Compounds

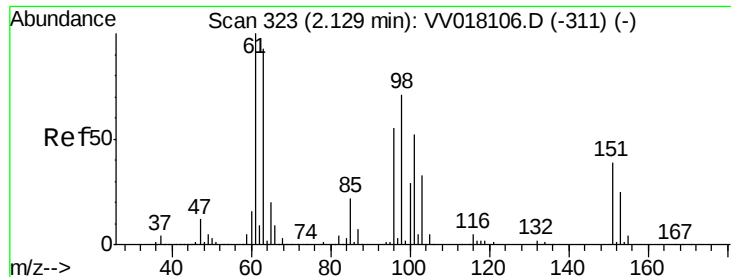
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2503	0.810	ug/L #	20
12) 1,1-Dichloroethene						

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Quant Time: Aug 28 06:23:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.810 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV018116.D

Acq: 27 Aug 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

BG3H6ME

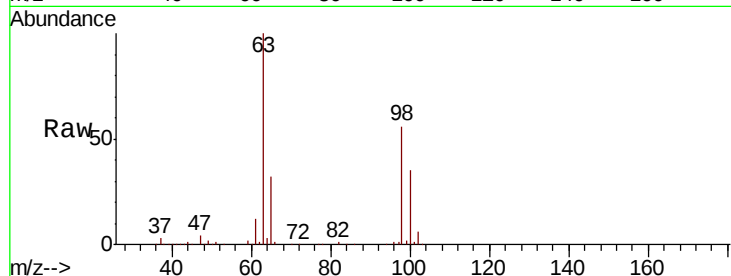
Tot Ion:101 Resp: 2503

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

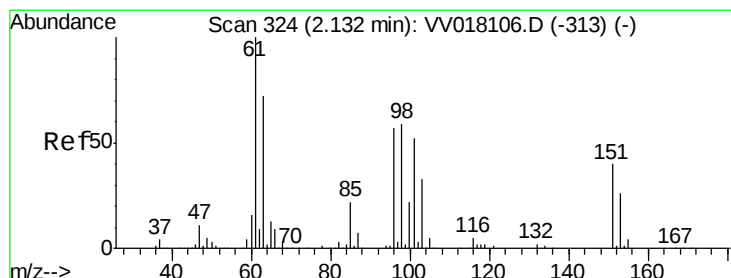
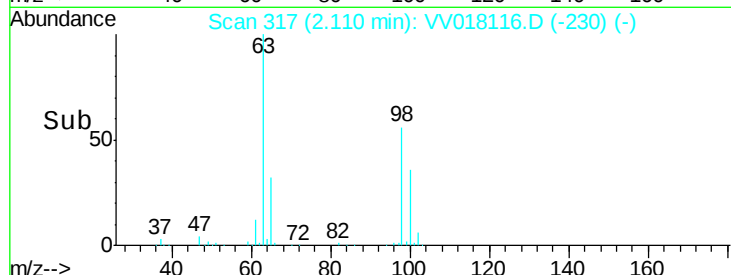
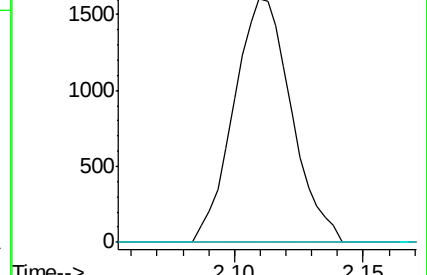
151 0.0 59.1 88.7#



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



#12

1,1-Dichloroethene

Concen: 0.729 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV018116.D

Acq: 27 Aug 2020 14:49

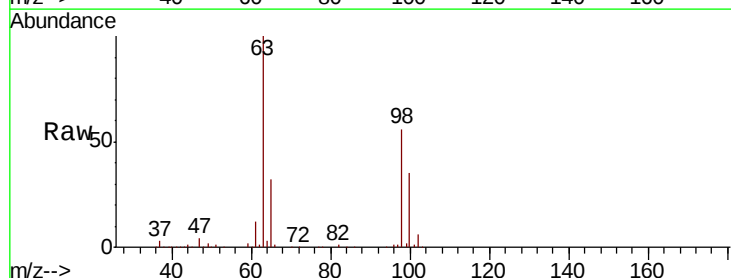
Tgt Ion: 96 Resp: 2132

Ion Ratio Lower Upper

96 100

61 1557.8 127.1 236.0#

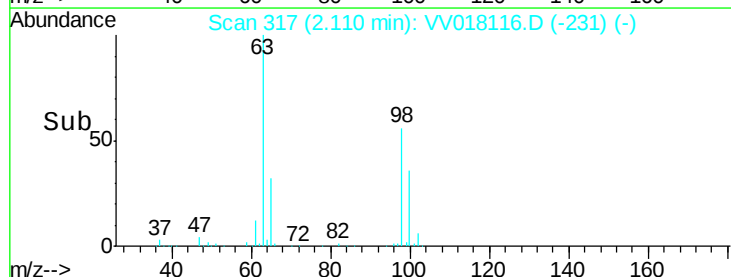
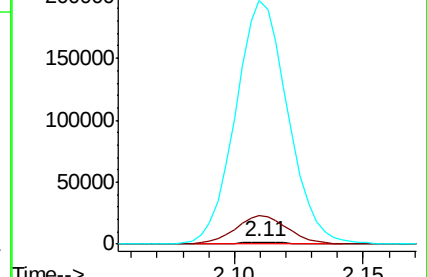
63 13471.1 95.2 176.8#

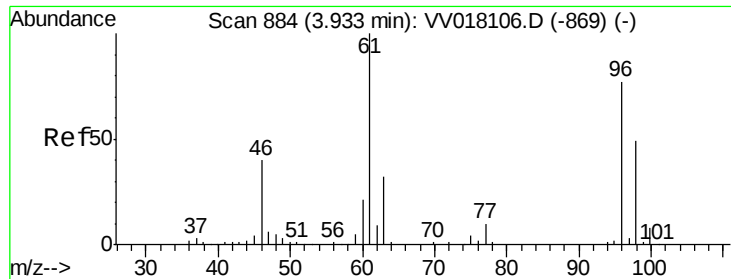


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

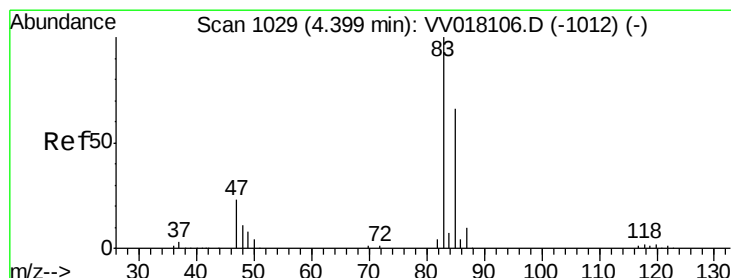
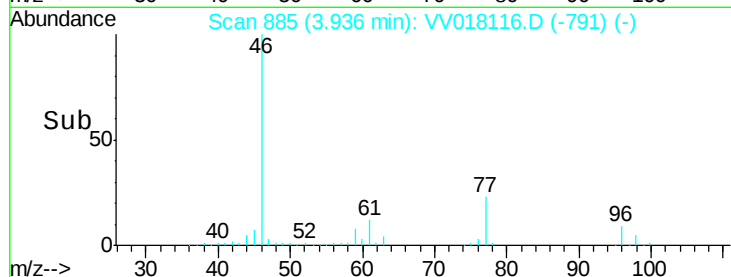
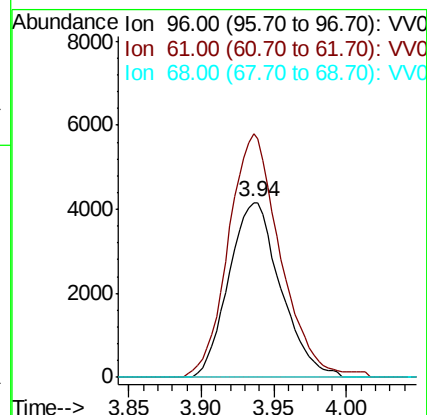
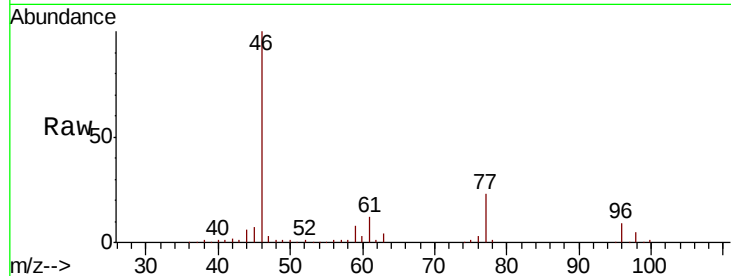




#20
 cis-1,2-Dichloroethene
 Concen: 3.142 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV018116.D
 Acq: 27 Aug 2020 14:49

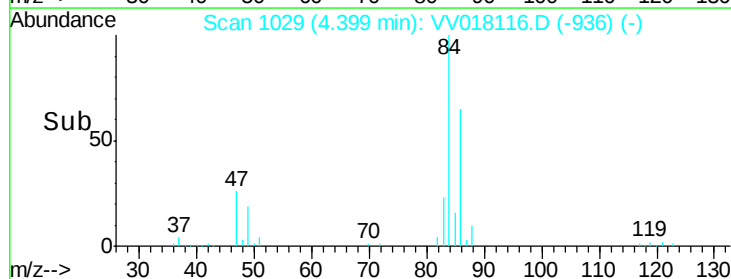
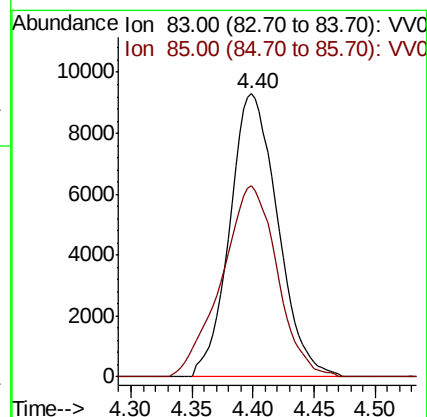
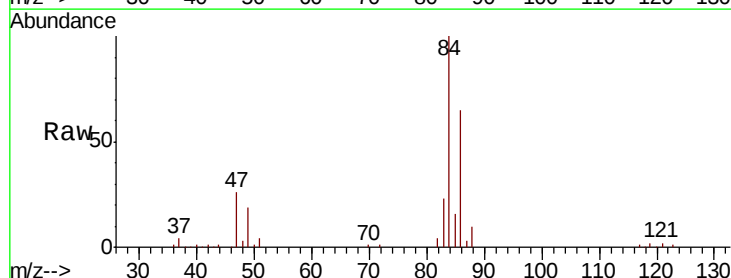
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H6ME

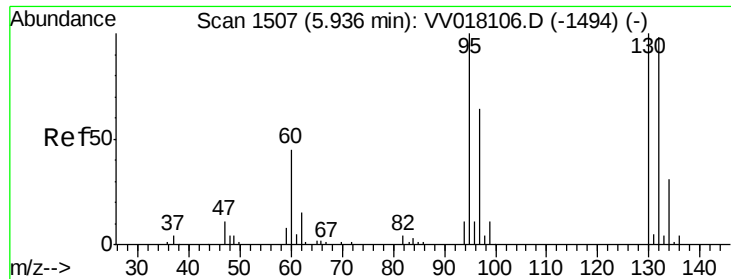
Tot Ion: 96 Resp: 10378
 Ion Ratio Lower Upper
 96 100
 61 139.2 95.0 176.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 4.119 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV018116.D
 Acq: 27 Aug 2020 14:49

Tgt Ion: 83 Resp: 25391
 Ion Ratio Lower Upper
 83 100
 85 67.5 45.5 84.5





#34

Trichloroethene

Concen: 1.480 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018116.D

Acq: 27 Aug 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

BG3H6ME

Tot Ion: 95 Resp: 5267

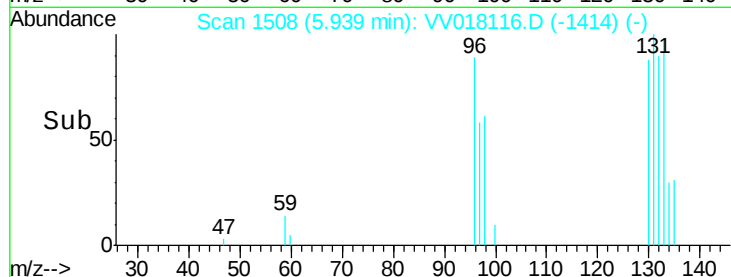
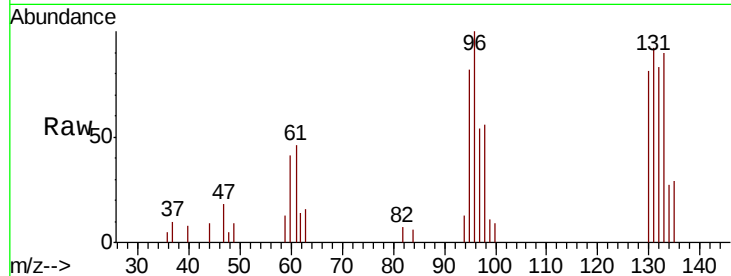
Ion Ratio Lower Upper

95 100

97 65.6 46.0 85.4

132 101.4 65.8 122.2

130 98.7 69.2 128.6

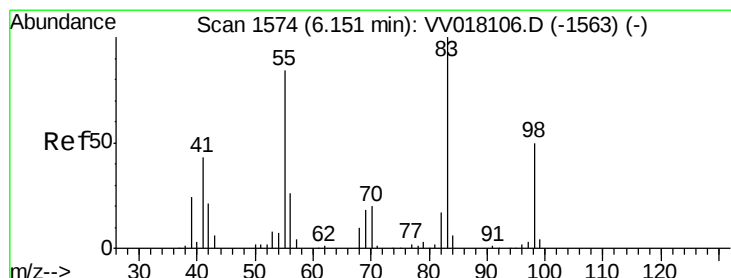
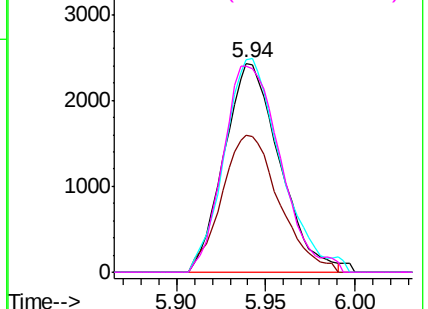


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 10.727 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018116.D

Acq: 27 Aug 2020 14:49

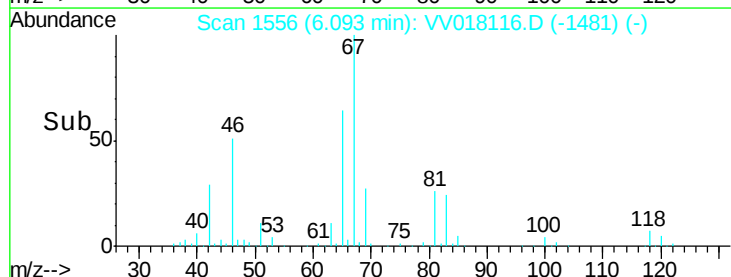
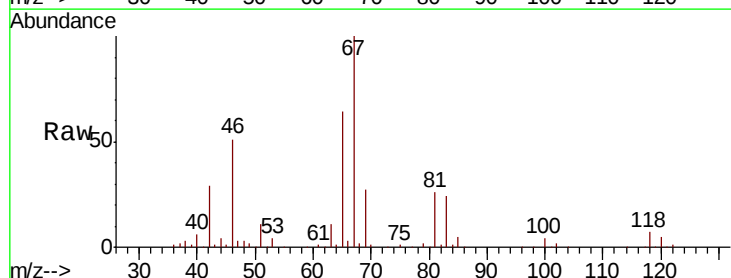
Tgt Ion: 83 Resp: 56774

Ion Ratio Lower Upper

83 100

55 0.5 64.9 97.3#

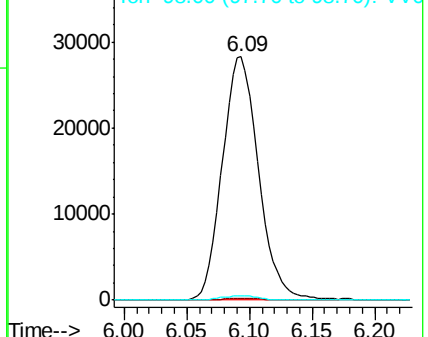
98 1.0 38.7 58.1#

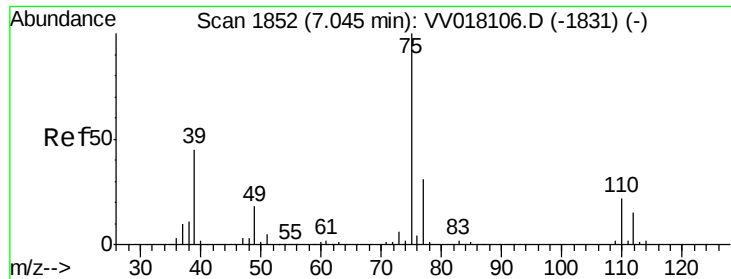


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

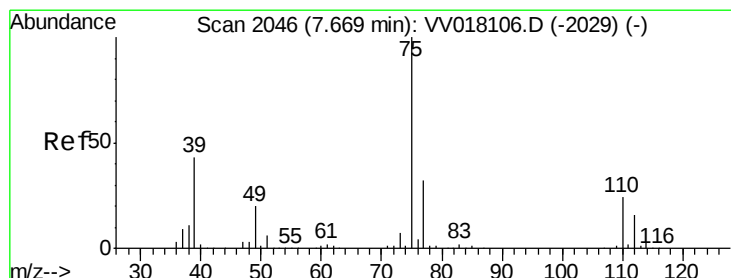
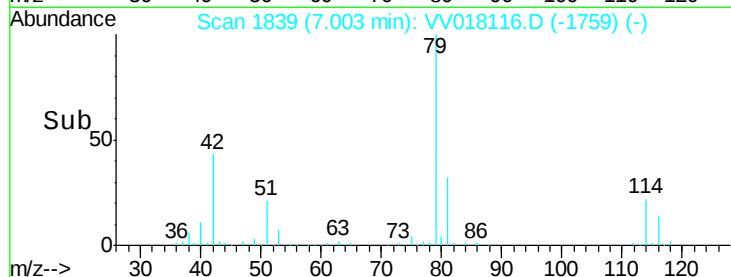
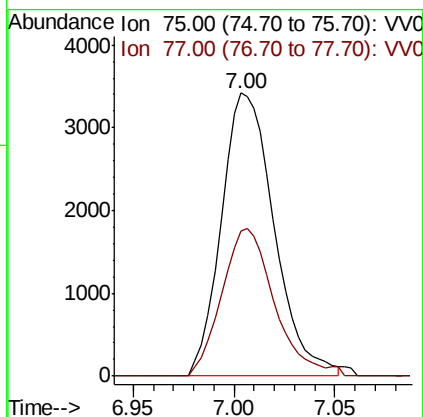
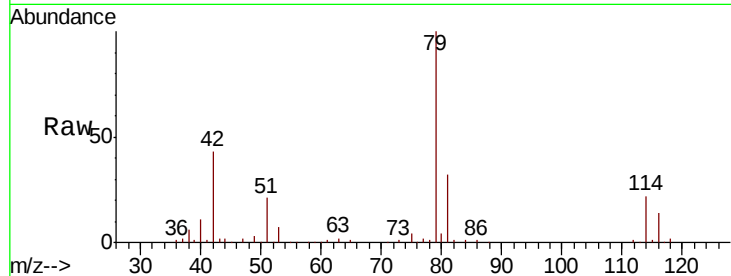




#39
 cis-1,3-Dichloropropene
 Concen: 1.202 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018116.D
 Acq: 27 Aug 2020 14:49

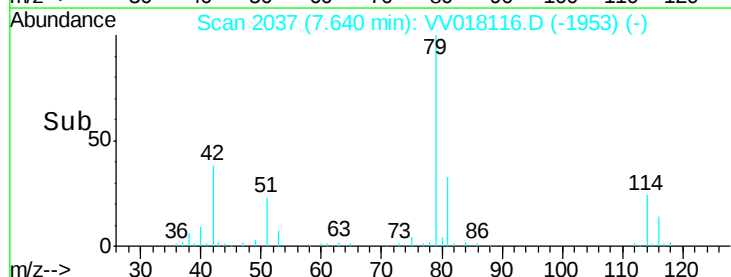
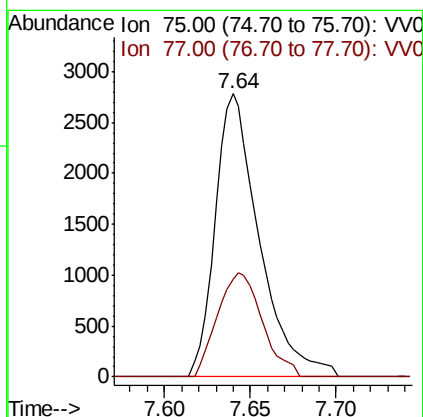
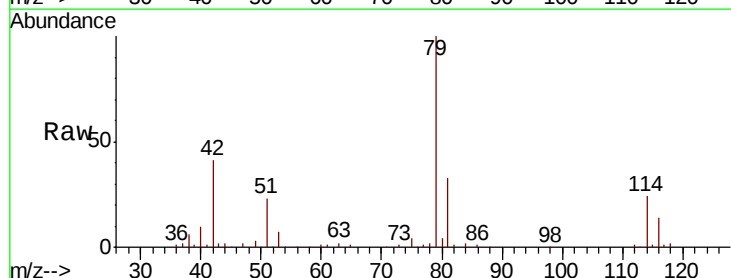
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H6ME

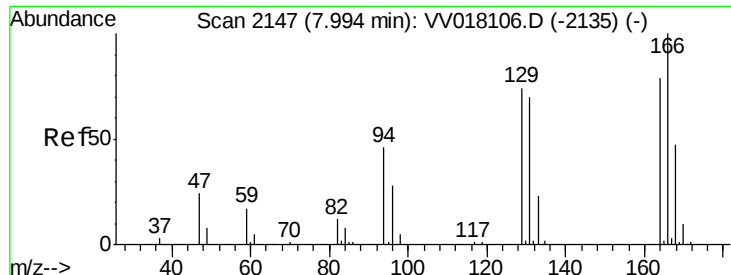
Tot Ion: 75 Resp: 6257
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 1.007 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV018116.D
 Acq: 27 Aug 2020 14:49

Tgt Ion: 75 Resp: 4972
 Ion Ratio Lower Upper
 75 100
 77 34.6 22.3 41.5

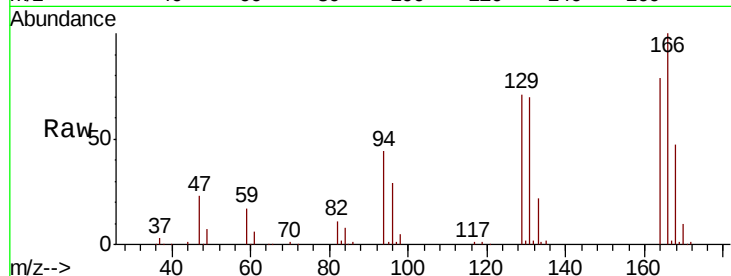




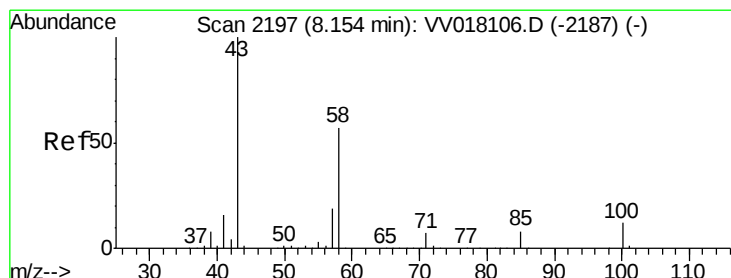
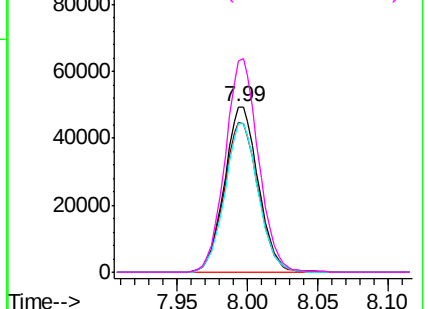
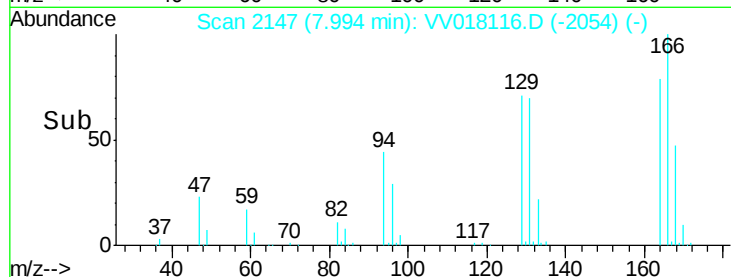
#46
Tetrachloroethene
Concen: 31.621 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018116.D
Acq: 27 Aug 2020 14:49

Instrument :
MSVOA_V
ClientSampleId :
BG3H6ME

Tot Ion:164 Resp: 82544
Ion Ratio Lower Upper
164 100
129 90.9 64.8 120.3
131 89.4 64.5 119.9
166 127.4 88.9 165.1

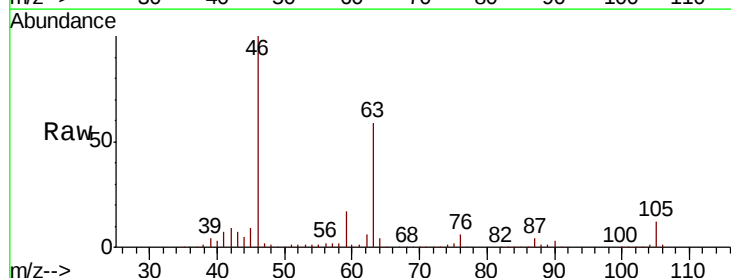


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

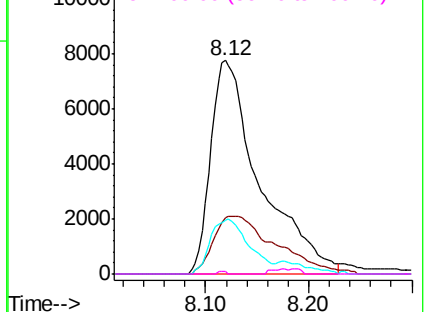
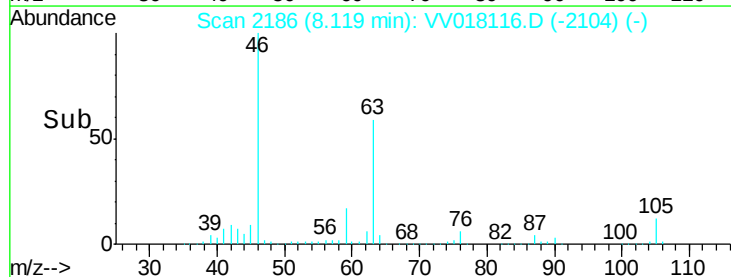


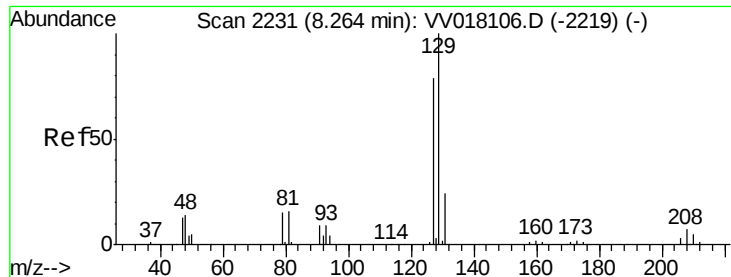
#48
2-Hexanone
Concen: 6.668 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV018116.D
Acq: 27 Aug 2020 14:49

Tgt Ion: 43 Resp: 25814
Ion Ratio Lower Upper
43 100
58 27.6 44.4 66.6#
57 20.3 15.2 22.8
100 0.2 9.8 14.6#



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





#49

Dibromochloromethane

Concen: 22.442 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV018116.D

Acq: 27 Aug 2020 14:49

Instrument :

MSVOA_V

ClientSampled :

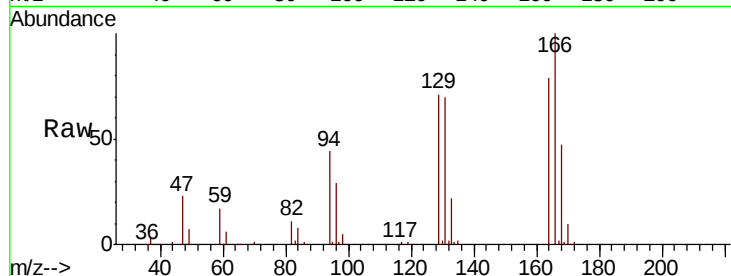
BG3H6ME

Tot Ion:129 Resp: 74495

Ion Ratio Lower Upper

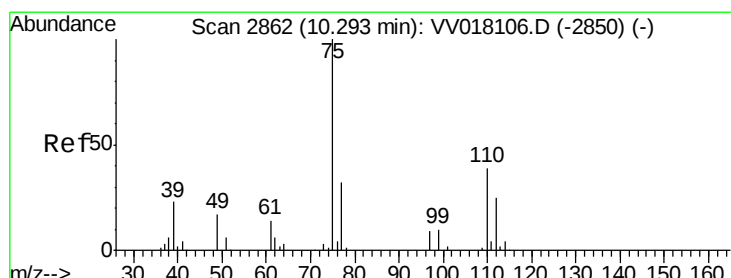
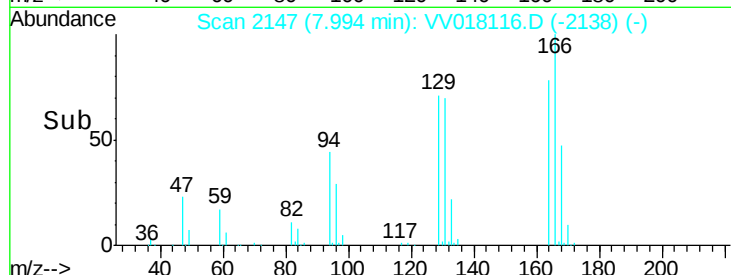
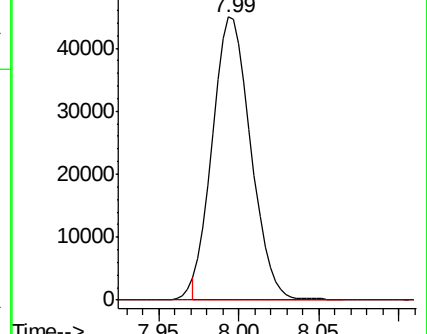
129 100

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: 5.803 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018116.D

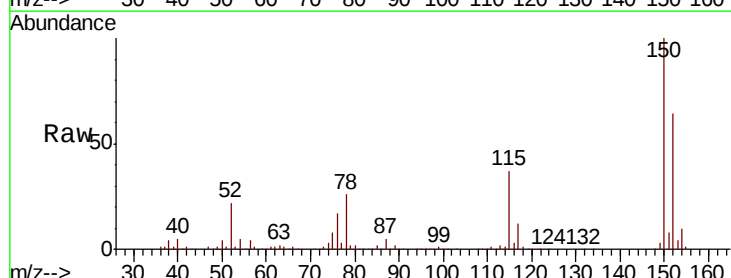
Acq: 27 Aug 2020 14:49

Tgt Ion: 75 Resp: 26316

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

