

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018818.D
 Acq On : 09 Oct 2020 14:49
 Operator : SY/MD
 Sample : L4254-16ME
 Misc : 5.34g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3T9ME

Quant Time: Oct 09 23:54:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322263	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	315275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135095	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.28%
7) Chloroethane-d5	1.58	69	106001	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.94%
11) 1,1-Dichloroethene-d2	2.10	63	215625	38.20	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
21) 2-Butanone-d5	3.92	46	166007	92.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.33%
24) Chloroform-d	4.37	84	259083	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
26) 1,2-Dichloroethane-d4	5.05	65	193484	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
32) Benzene-d6	5.07	84	541822	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.09	67	178497	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.90%
41) Toluene-d8	7.34	98	492811	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%
43) trans-1,3-Dichloropropene-	7.64	79	87563	54.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.30%
47) 2-Hexanone-d5	8.14	63	116142	100.16	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182212	47.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	189582	56.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.66%

Target Compounds

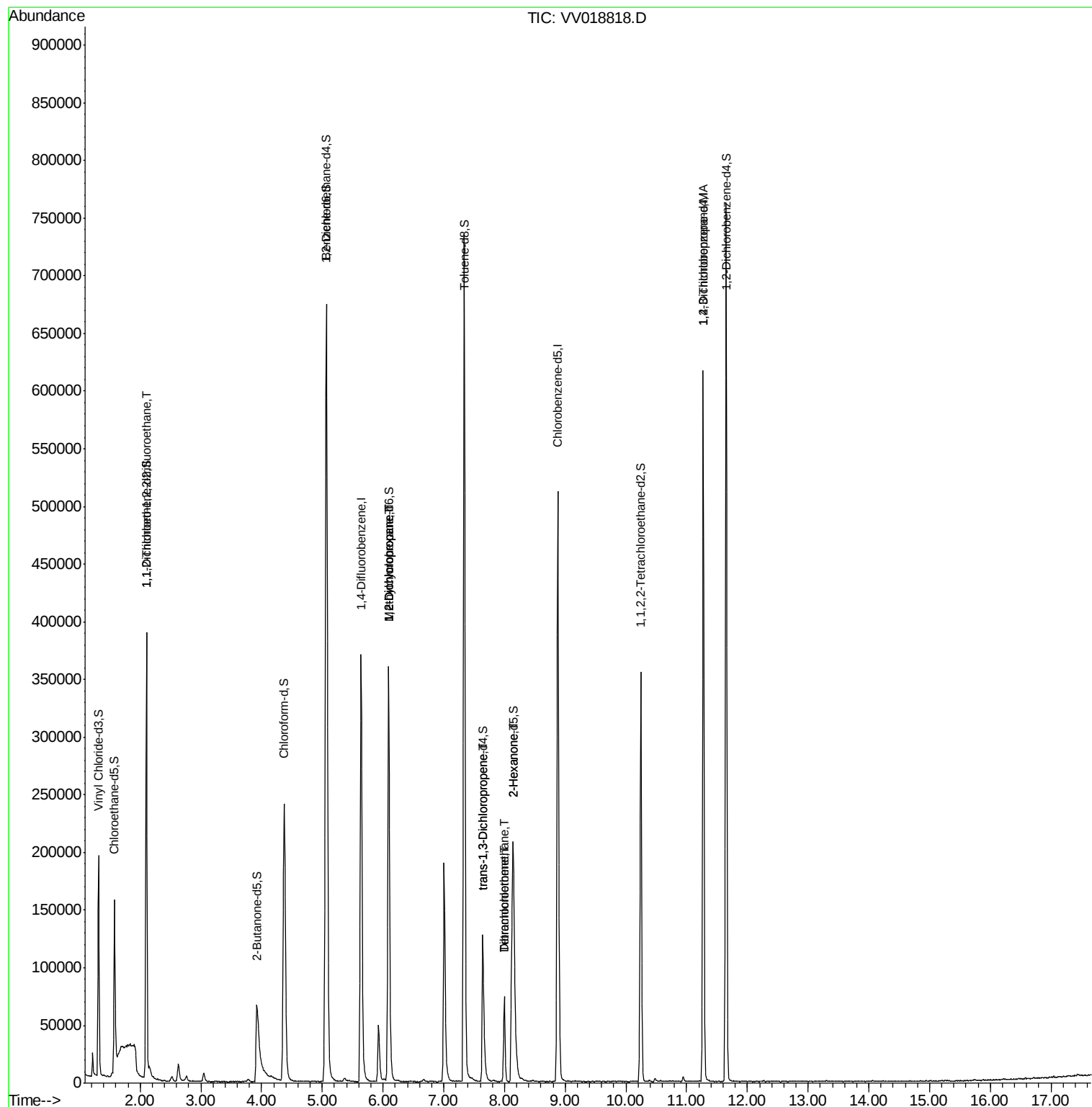
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1853	0.800 ug/L #	22
35) Methylcyclohexane	6.09	83	42023	11.930 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	20505	7.463 ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	3723	0.936 ug/L #	81
46) Tetrachloroethene	8.00	164	16509	7.825 ug/L	97
48) 2-Hexanone	8.14	43	13628	4.835 ug/L #	73
49) Dibromochloromethane	8.00	129	15286	5.667 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	18276	5.590 ug/L	89

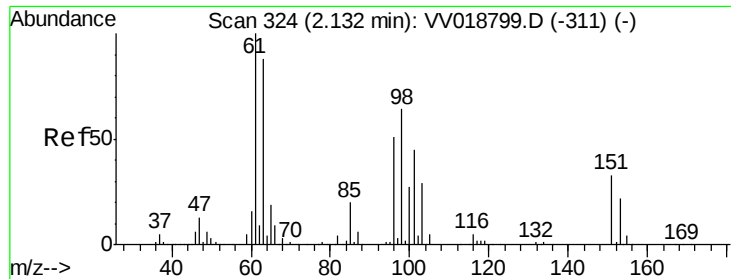
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration





#10

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

Concen: 0.800 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV018818.D

Acq: 09 Oct 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

BG3T9ME

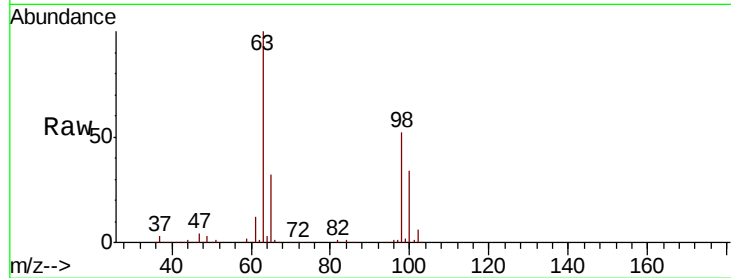
Tot Ion:101 Resp: 1853

Ion Ratio Lower Upper

101 100

85 4.8 35.9 53.9#

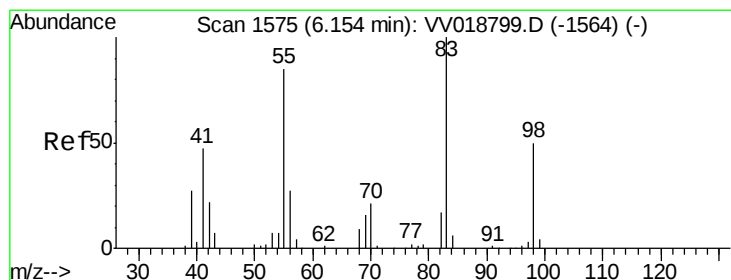
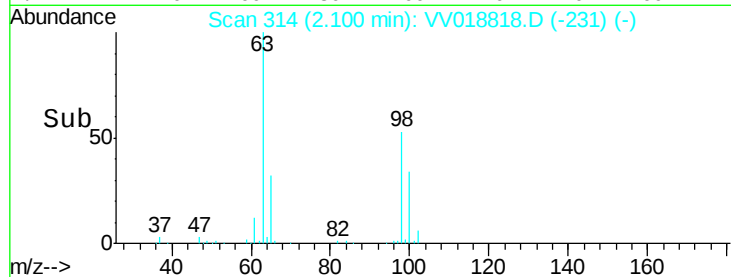
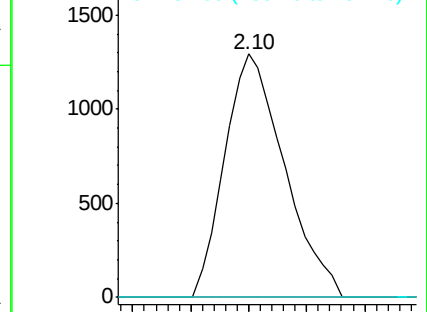
151 0.0 59.8 89.8#



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



#35

Methylcyclohexane

Concen: 11.930 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018818.D

Acq: 09 Oct 2020 14:49

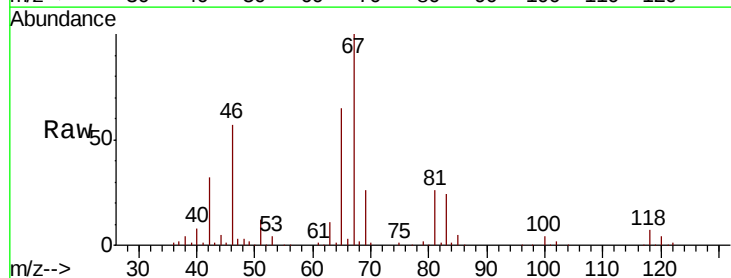
Tgt Ion: 83 Resp: 42023

Ion Ratio Lower Upper

83 100

55 0.1 67.0 100.4#

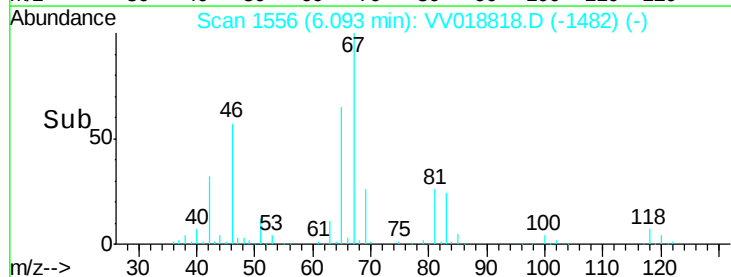
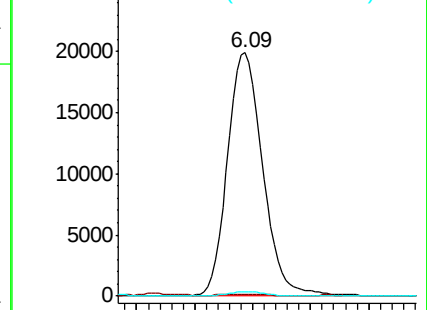
98 1.8 38.8 58.2#

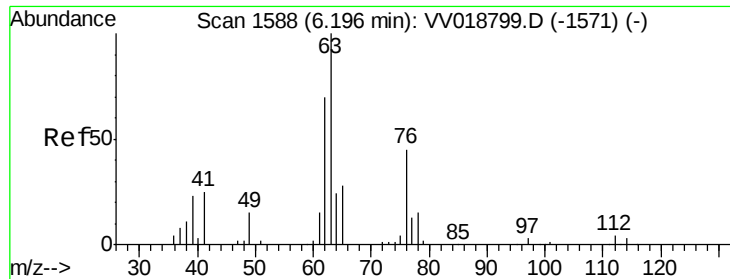


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

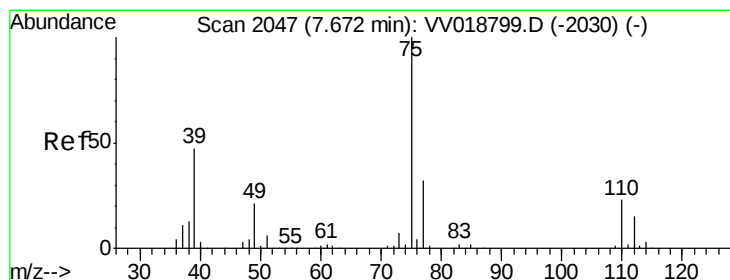
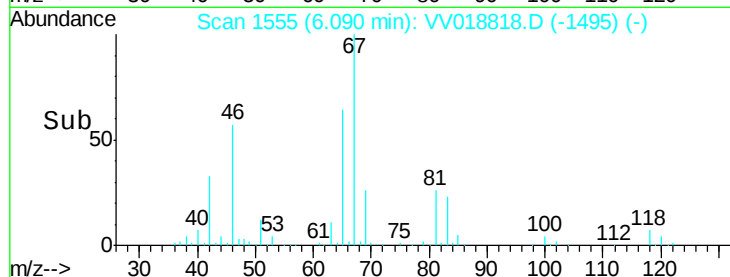
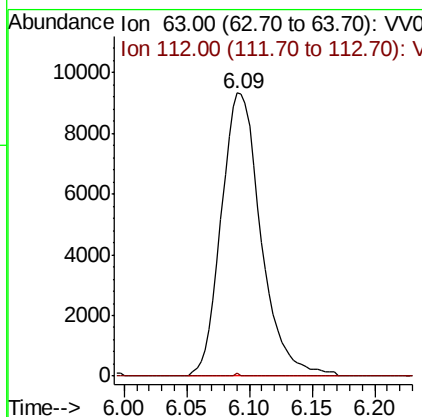
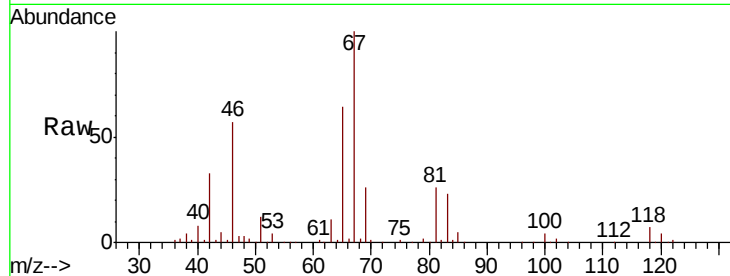




#37
 1,2-Dichloropropane
 Concen: 7.463 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018818.D
 Acq: 09 Oct 2020 14:49

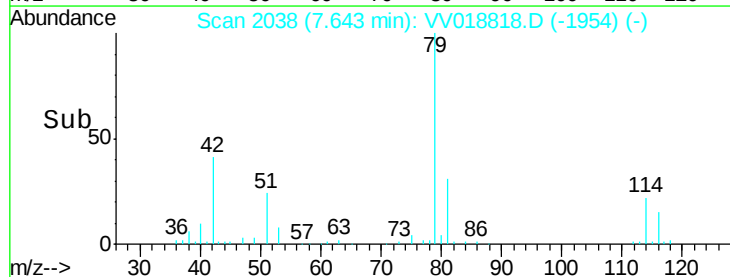
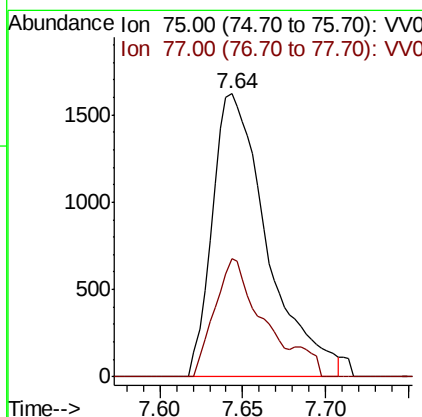
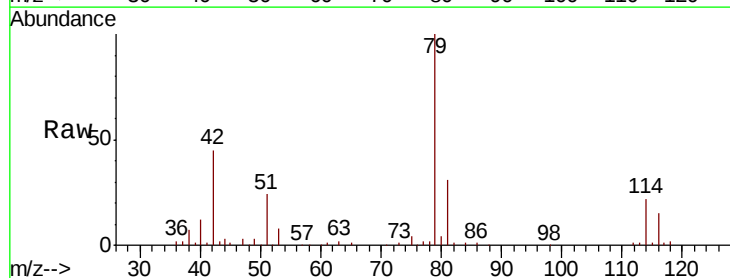
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3T9ME

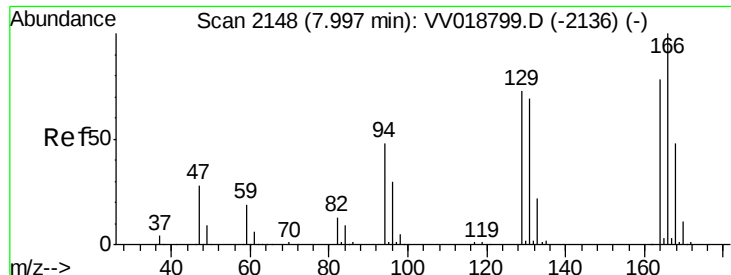
Tot Ion: 63 Resp: 20505
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.936 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV018818.D
 Acq: 09 Oct 2020 14:49

Tgt Ion: 75 Resp: 3723
 Ion Ratio Lower Upper
 75 100
 77 41.8 21.8 40.6#





#46

Tetrachloroethene

Concen: 7.825 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018818.D

Acq: 09 Oct 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

BG3T9ME

Tot Ion:164 Resp: 16509

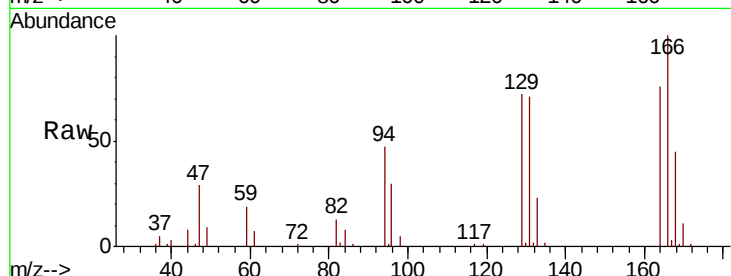
Ion Ratio Lower Upper

164 100

129 94.0 64.6 120.0

131 93.9 63.6 118.0

166 131.3 88.3 164.1



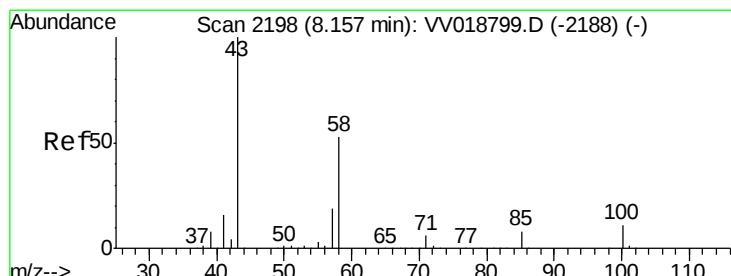
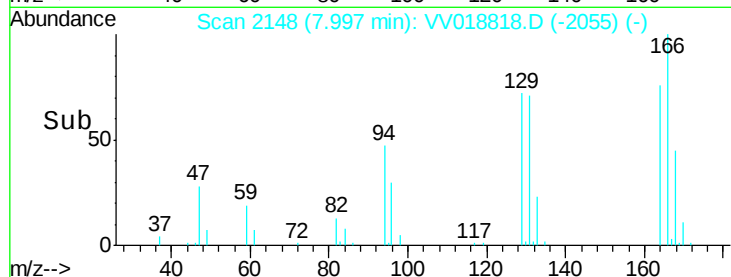
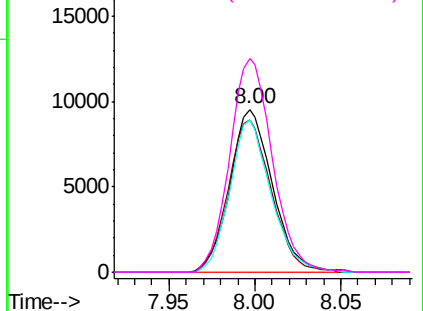
Abundance

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: 4.835 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV018818.D

Acq: 09 Oct 2020 14:49

Tgt Ion: 43 Resp: 13628

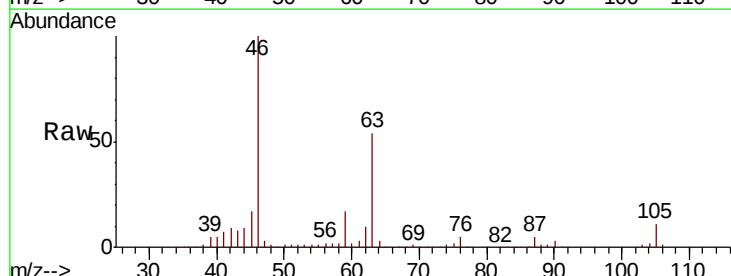
Ion Ratio Lower Upper

43 100

58 31.5 41.8 62.8#

57 8.2 14.9 22.3#

100 3.3 9.2 13.8#



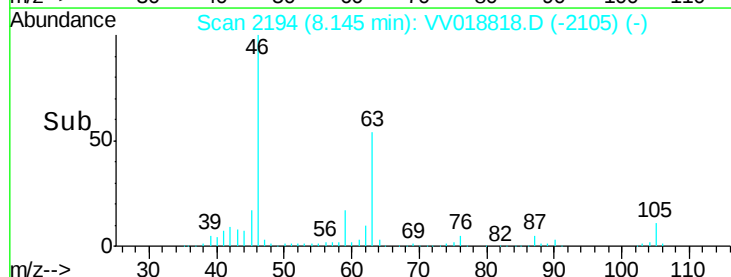
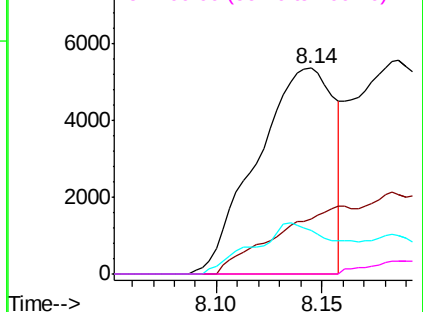
Abundance

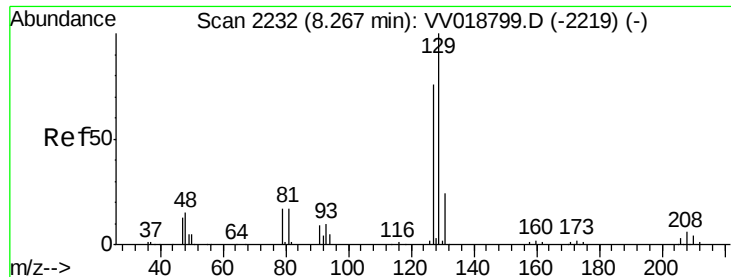
Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 5.667 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018818.D

Acq: 09 Oct 2020 14:49

Instrument :

MSVOA_V

ClientSampleId :

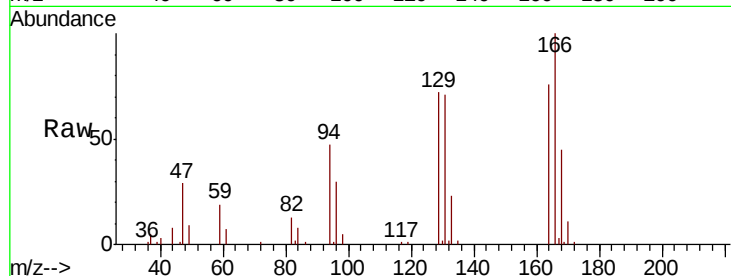
BG3T9ME

Tot Ion:129 Resp: 15286

Ion Ratio Lower Upper

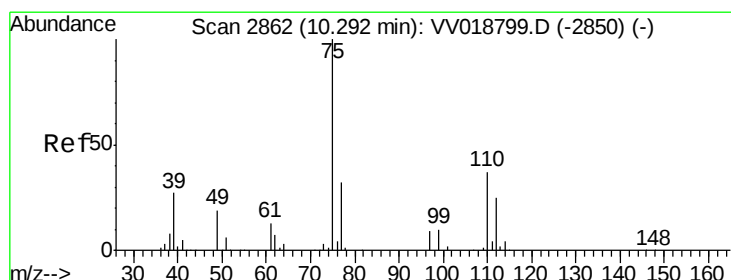
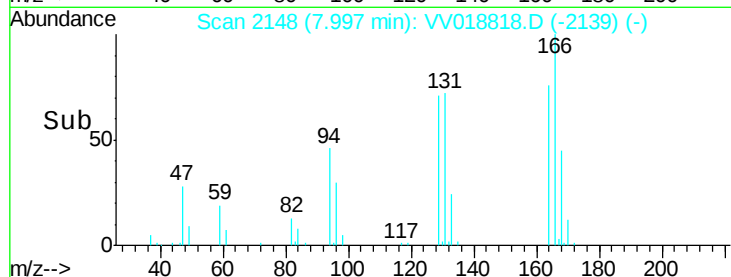
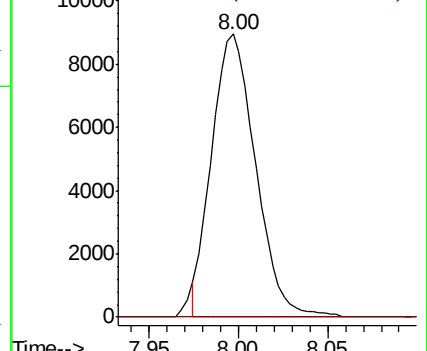
129 100

127 0.0 55.3 102.7#



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: 5.590 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018818.D

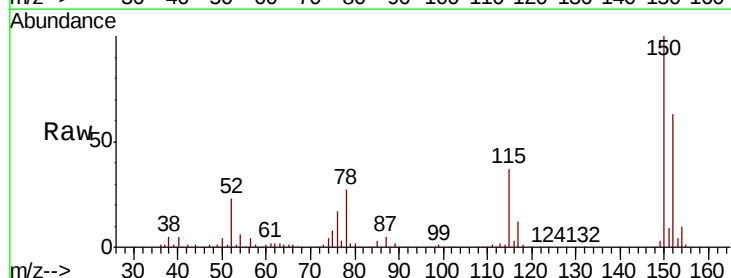
Acq: 09 Oct 2020 14:49

Tgt Ion: 75 Resp: 18276

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

