

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019547.D
 Acq On : 12 Dec 2020 11:24
 Operator : SY/MD
 Sample : VV1212WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Dec 13 04:38:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	661632	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	608746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	277587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	198919	41.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.86%
7) Chloroethane-d5	1.57	69	169802	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.11	63	294975	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	3.89	46	275027	106.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.65%
24) Chloroform-d	4.35	84	387613	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.04	65	272660	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.05	84	762463	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.07	67	246627	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.32	98	665206	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.62	79	128313	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.09	63	206342	103.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.37%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	334567	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	248325	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

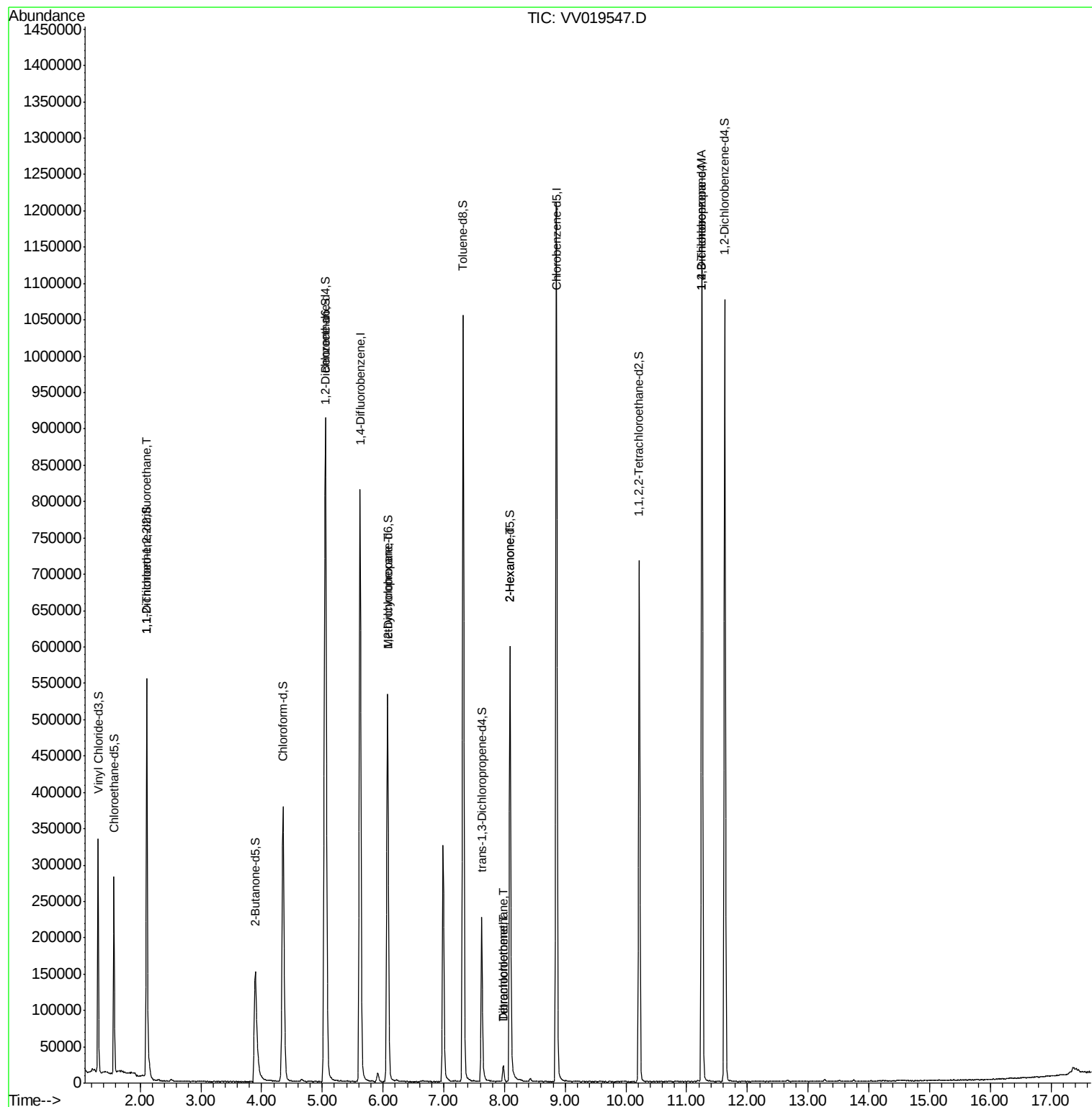
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2601	0.677 ug/L #	24
35) Methylcyclohexane	6.07	83	60691	8.500 ug/L #	18
46) Tetrachloroethene	7.98	164	4871	1.498 ug/L	97
48) 2-Hexanone	8.09	43	24592	4.835 ug/L #	66
49) Dibromochloromethane	7.98	129	4794	0.992 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	37498	6.489 ug/L	90

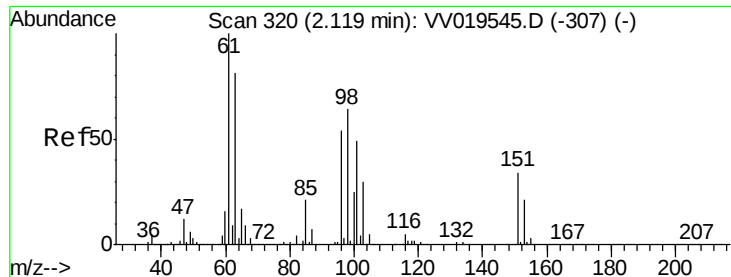
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

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VBLK63

Quant Time: Dec 13 04:38:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 13 04:37:51 2020
Response via : Initial Calibration





#10

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

Concen: 0.677 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019547.D

Acq: 12 Dec 2020 11:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK63

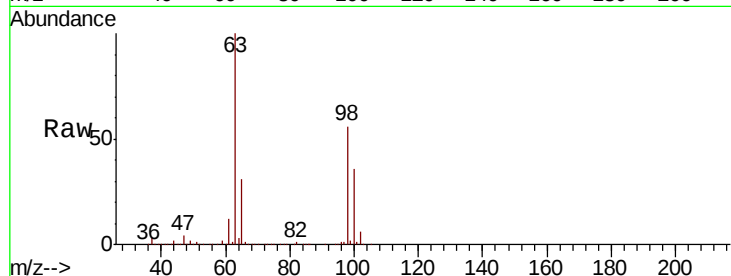
Tot Ion:101 Resp: 2601

Ion Ratio Lower Upper

101 100

85 3.8 35.0 52.4#

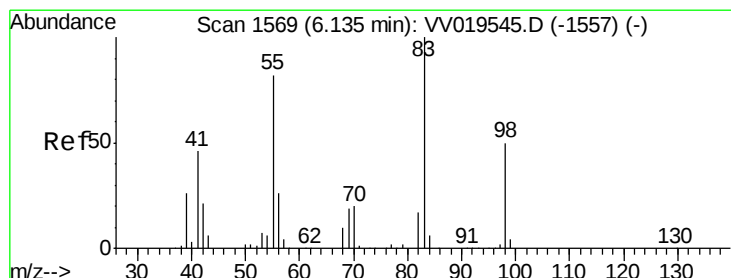
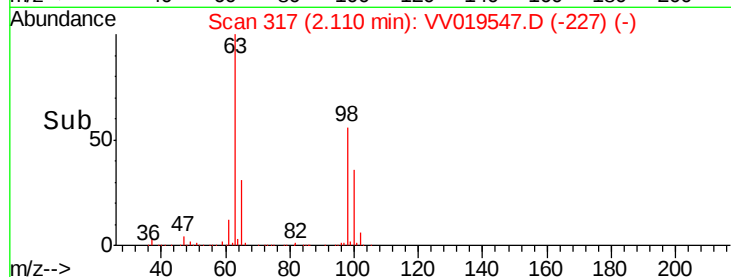
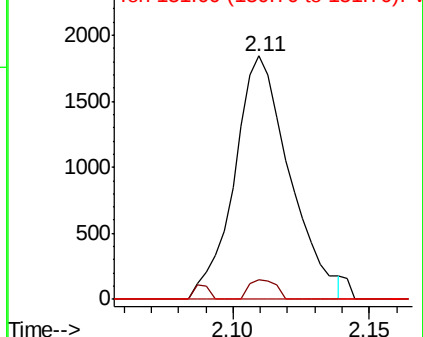
151 0.0 55.8 83.8#



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: 8.500 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019547.D

Acq: 12 Dec 2020 11:24

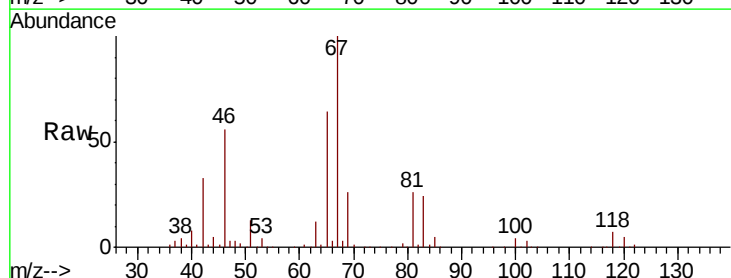
Tgt Ion: 83 Resp: 60691

Ion Ratio Lower Upper

83 100

55 0.5 64.2 96.4#

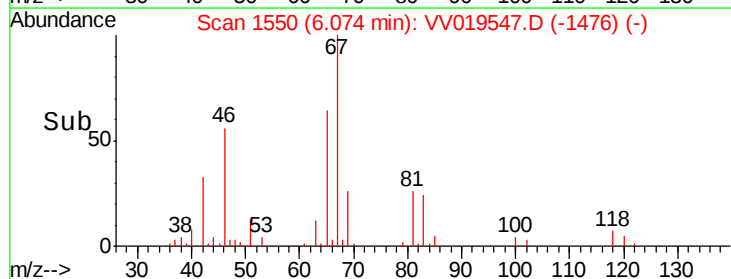
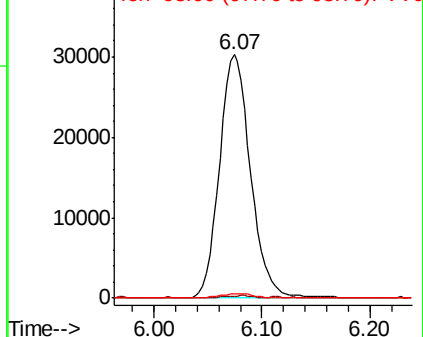
98 1.9 39.3 58.9#

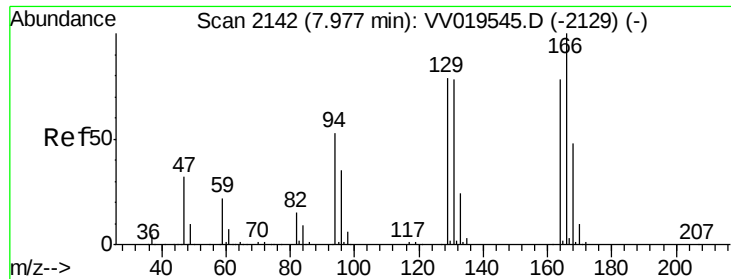


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 1.498 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019547.D

Acq: 12 Dec 2020 11:24

Instrument :

MSVOA_V

ClientSampleID :

VBLK63

Tot Ion:164 Resp: 4871

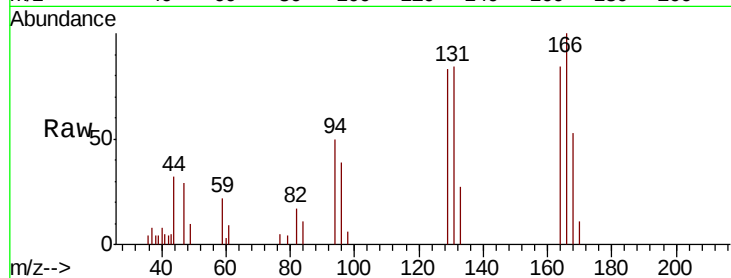
Ion Ratio Lower Upper

164 100

129 98.9 70.6 131.0

131 100.6 68.0 126.4

166 119.3 86.9 161.5

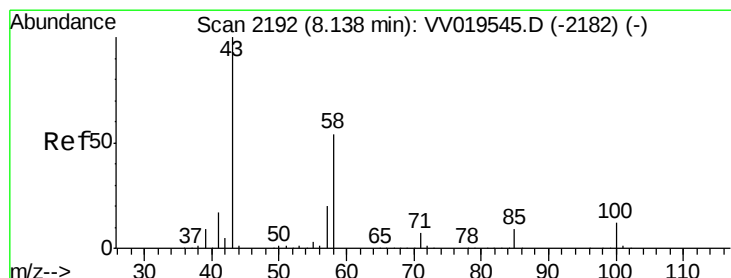
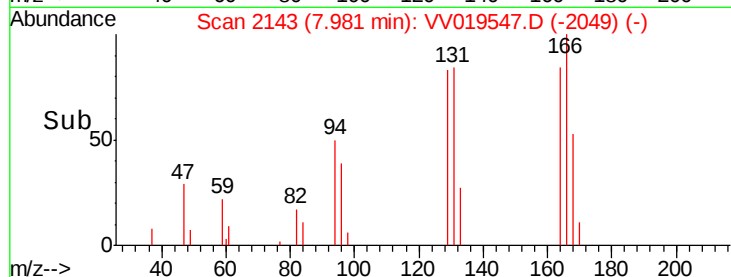
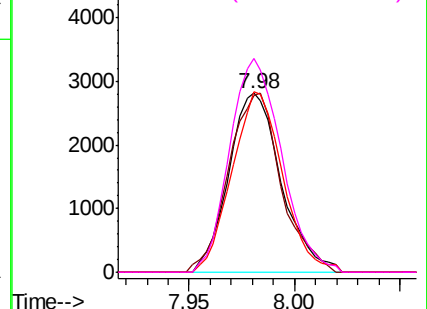


Abundance Ion 164.00 (163.70 to 164.70): V

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: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019547.D

Acq: 12 Dec 2020 11:24

Tgt Ion: 43 Resp: 24592

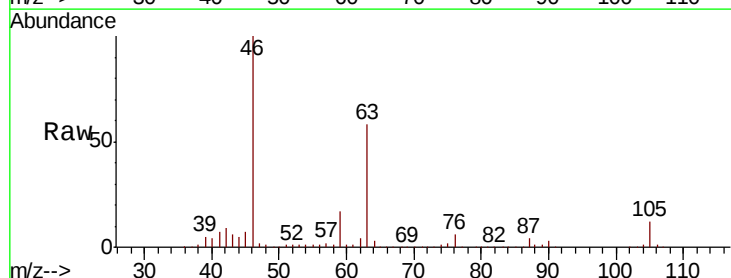
Ion Ratio Lower Upper

43 100

58 23.5 44.4 66.6#

57 23.0 15.7 23.5

100 0.3 9.9 14.9#

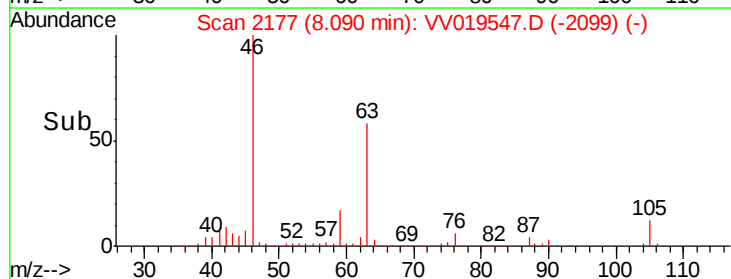
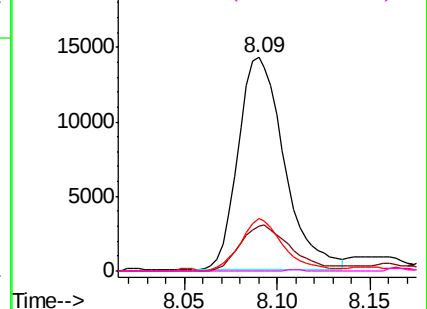


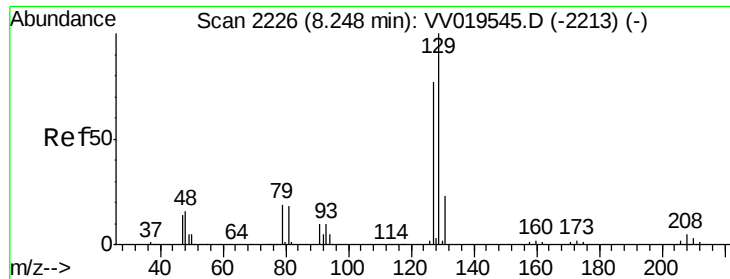
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.992 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. -0.26 min

Lab File: VV019547.D

Acq: 12 Dec 2020 11:24

Instrument :

MSVOA_V

ClientSampleId :

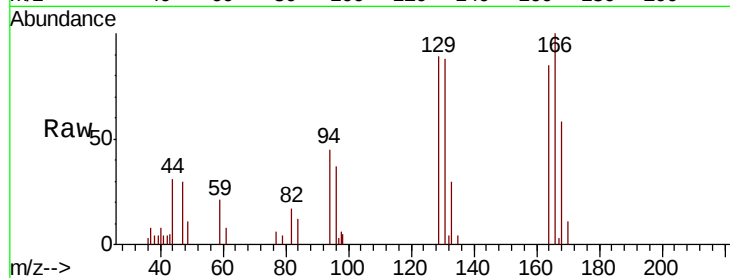
VBLK63

Tot Ion:129 Resp: 4794

Ion Ratio Lower Upper

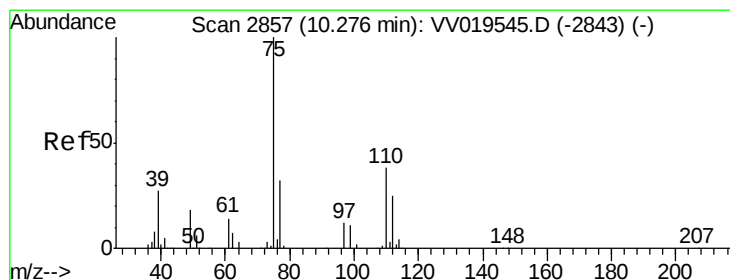
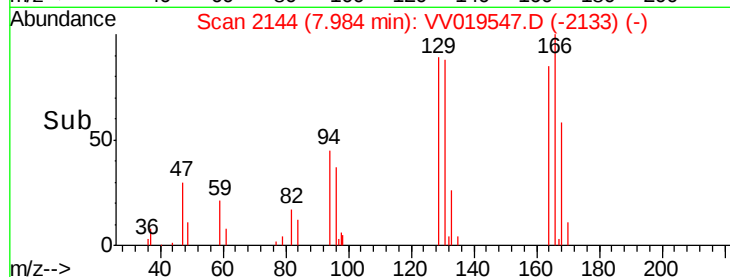
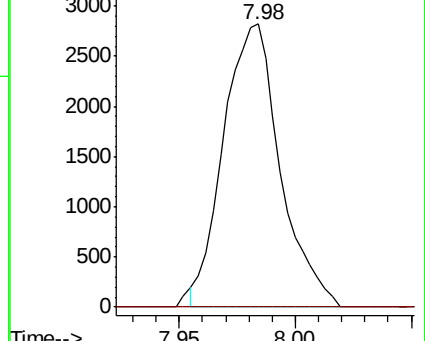
129 100

127 0.0 54.2 100.6#



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: 6.489 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019547.D

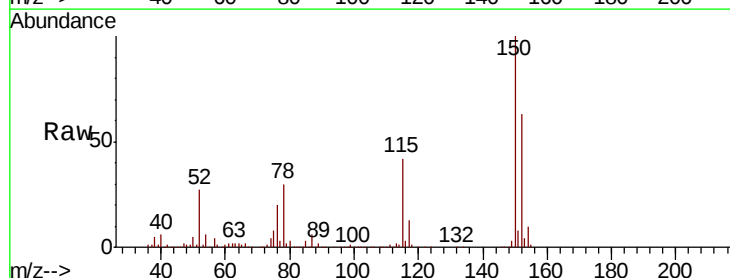
Acq: 12 Dec 2020 11:24

Tgt Ion: 75 Resp: 37498

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

