

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019598.D
 Acq On : 14 Dec 2020 12:40
 Operator : SY/MD
 Sample : L4928-03 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M0

Quant Time: Dec 15 07:22:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	670425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.85	117	621245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	290179	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	240775	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.16%
7) Chloroethane-d5	1.57	69	201956	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.52%
11) 1,1-Dichloroethene-d2	2.11	63	358540	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.36%
21) 2-Butanone-d5	3.89	46	265689	101.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.35	84	437786	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
26) 1,2-Dichloroethane-d4	5.03	65	305775	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.05	84	886351	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
36) 1,2-Dichloropropane-d6	6.07	67	277294	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.32	98	792521	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%
43) trans-1,3-Dichloropropene-	7.62	79	142124	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.09	63	195482	95.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	347394	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.63	152	283275	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

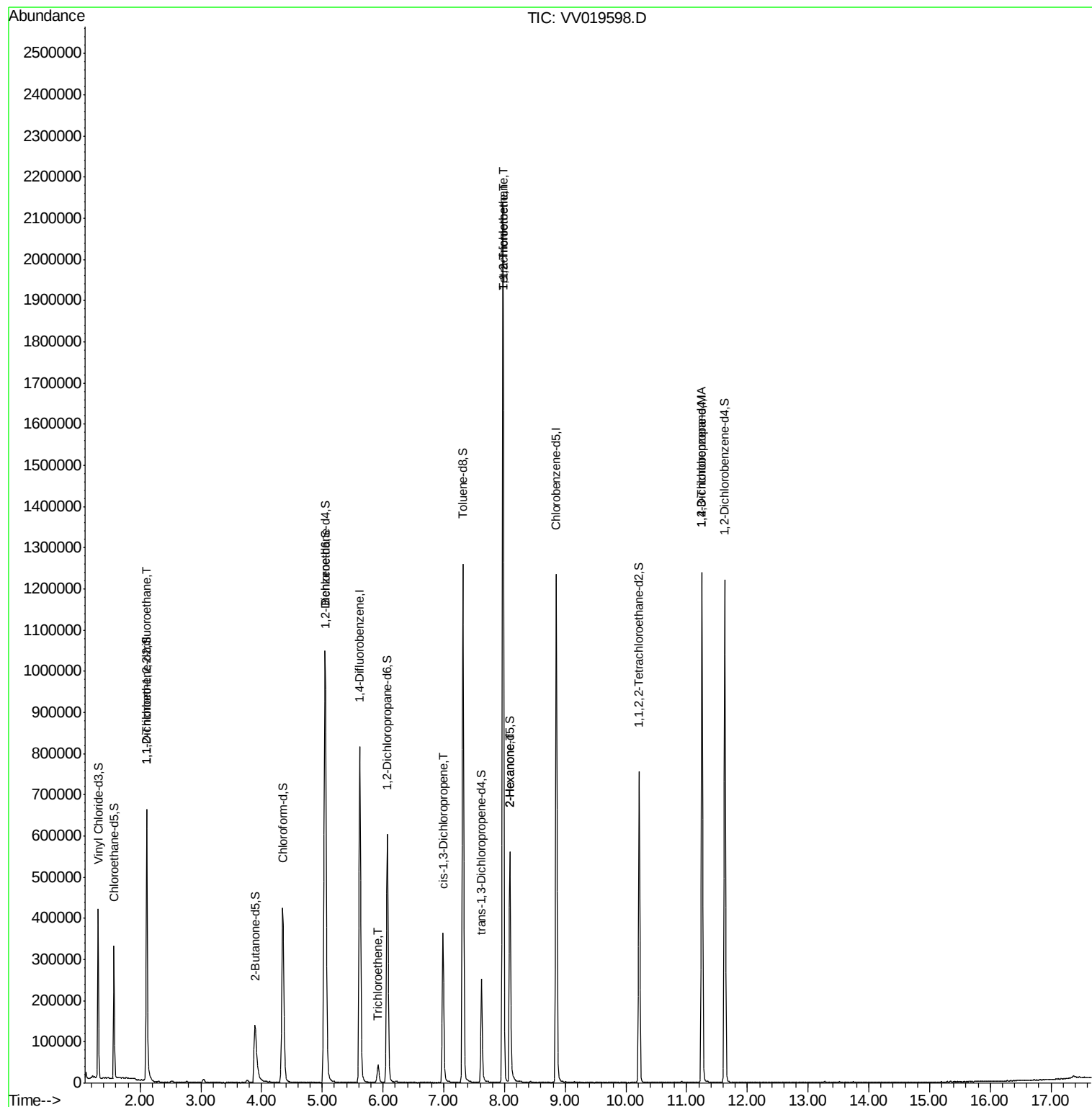
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3034	0.780 ug/L #	22
34) Trichloroethene	5.92	95	13176	2.747 ug/L	91
39) cis-1,3-Dichloropropene	6.99	75	9198	1.168 ug/L #	67
45) 1,1,2-Trichloroethane	7.97	97	4139	0.919 ug/L #	1
46) Tetrachloroethene	7.97	164	436092	131.402 ug/L	98
48) 2-Hexanone	8.09	43	23822	4.590 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	39397	6.680 ug/L	93

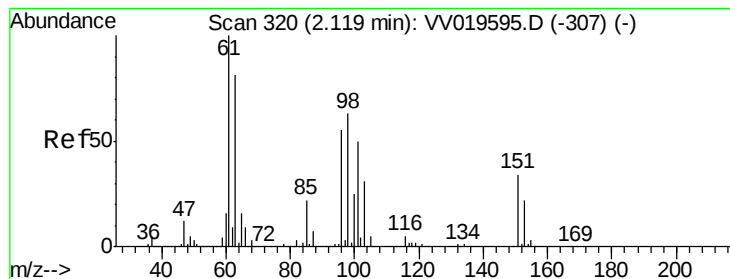
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.780 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Instrument :

MSVOA_V

ClientSampled :

BG4M0

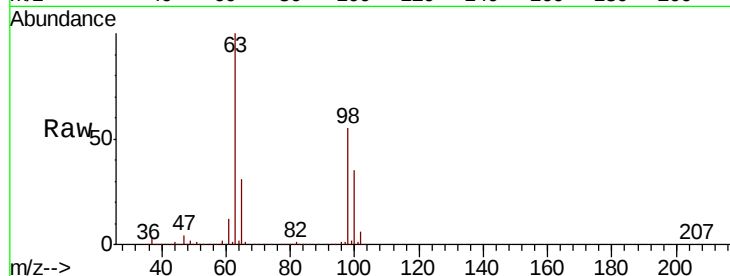
Tot Ion:101 Resp: 3034

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

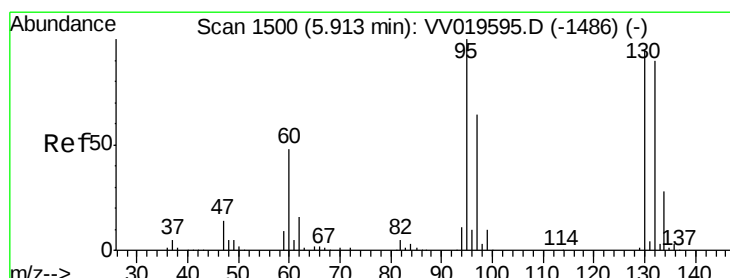
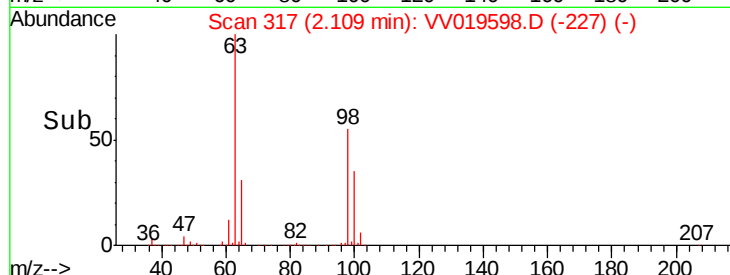
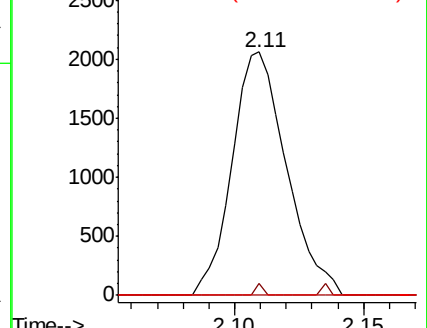
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 2.747 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Tgt Ion: 95 Resp: 13176

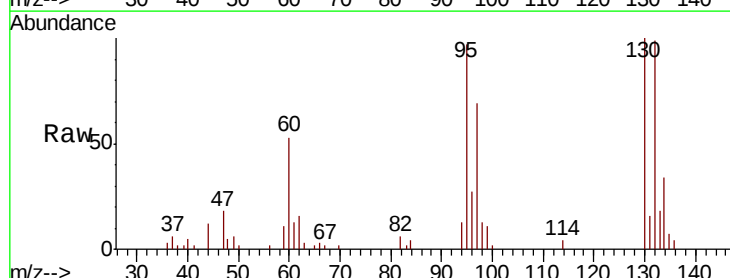
Ion Ratio Lower Upper

95 100

97 70.8 44.4 82.4

132 101.8 64.3 119.3

130 102.9 67.8 125.8

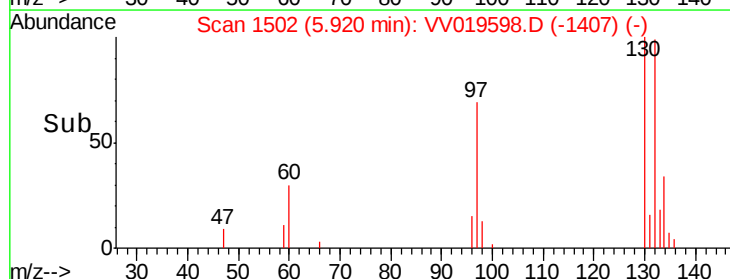
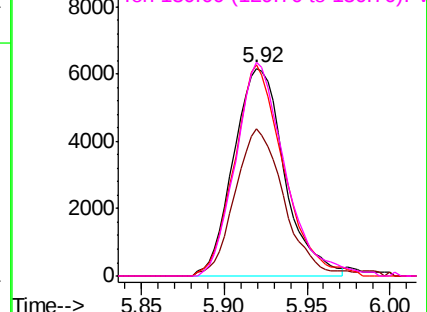


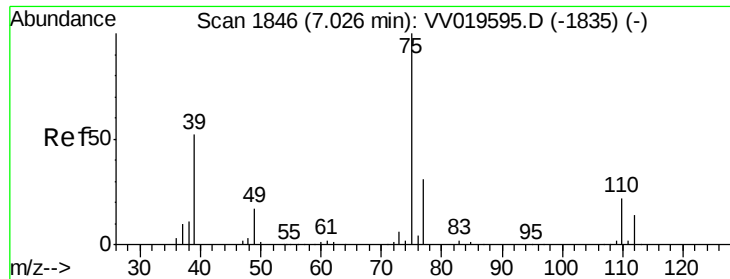
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#39

cis-1,3-Dichloropropene

Concen: 1.168 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Instrument :

MSVOA_V

ClientSampled :

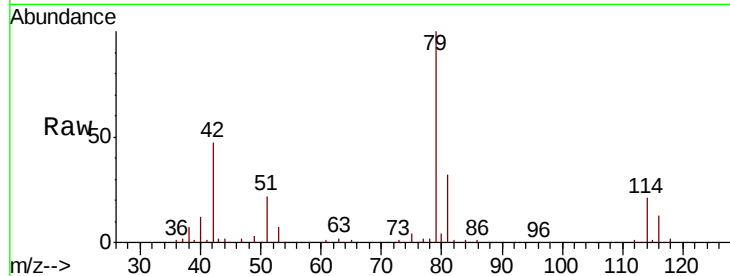
BG4M0

Tot Ion: 75 Resp: 9198

Ion Ratio Lower Upper

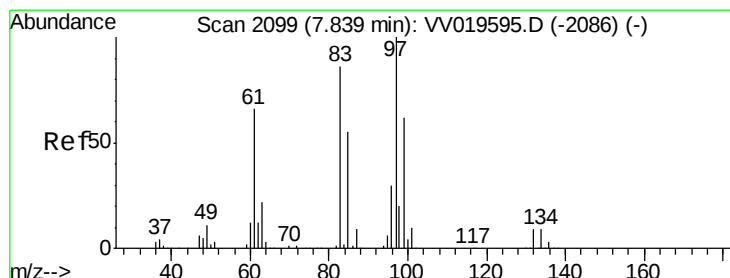
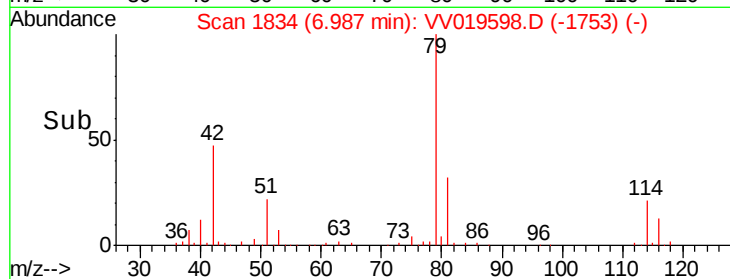
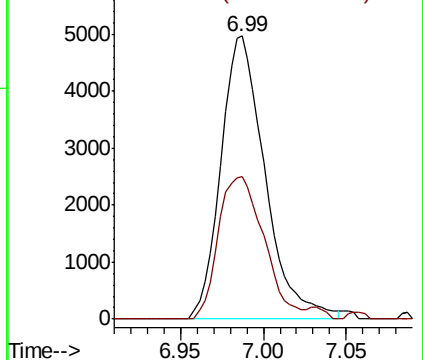
75 100

77 50.2 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#45

1,1,2-Trichloroethane

Concen: 0.919 ug/L

RT: 7.97 min Scan# 2140

Delta R.T. 0.13 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Tgt Ion: 97 Resp: 4139

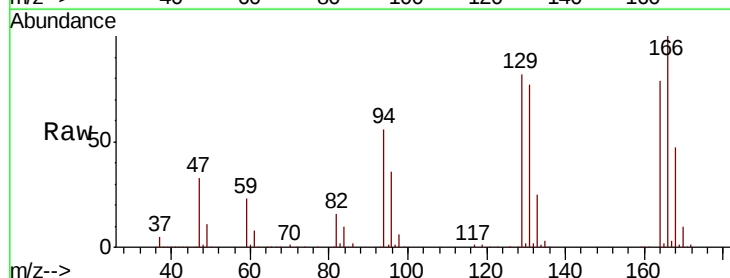
Ion Ratio Lower Upper

97 100

99 18.2 44.1 81.9#

83 261.2 60.0 111.4#

85 38.3 38.6 71.8#

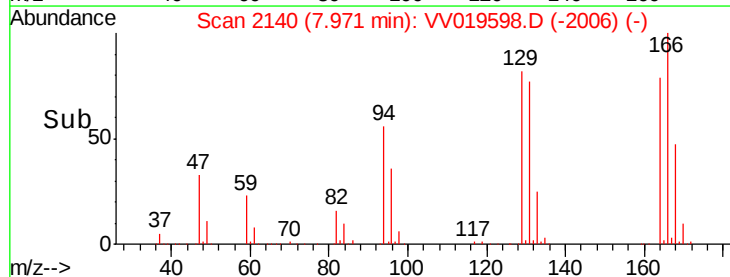
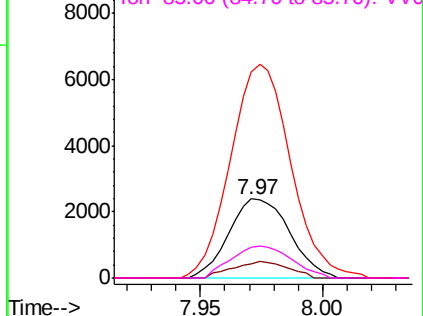


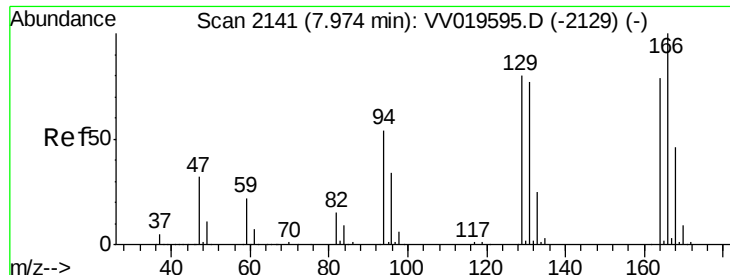
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 131.402 ug/L

RT: 7.97 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

BG4M0

Tot Ion:164 Resp: 436092

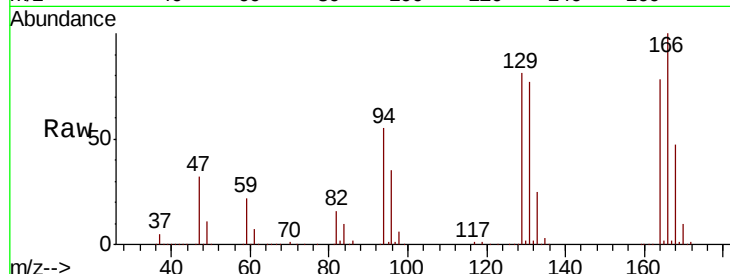
Ion Ratio Lower Upper

164 100

129 103.5 70.6 131.0

131 98.3 68.0 126.4

166 128.0 86.9 161.5

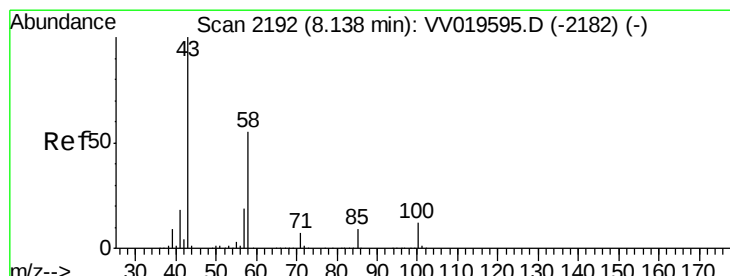
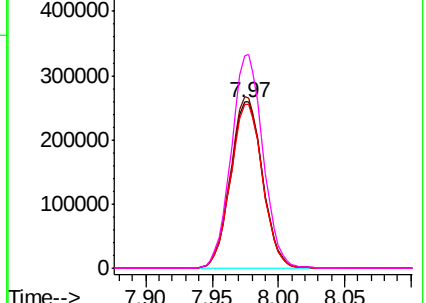
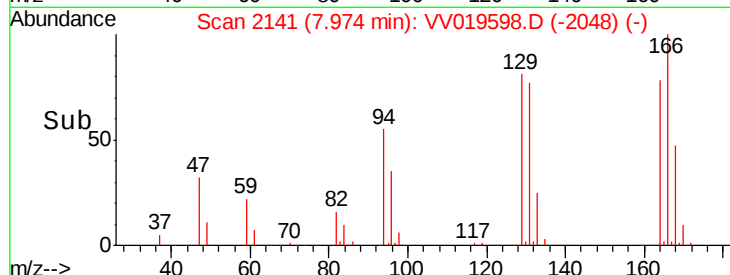


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.590 ug/L

RT: 8.09 min Scan# 2176

Delta R.T. -0.05 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Tgt Ion: 43 Resp: 23822

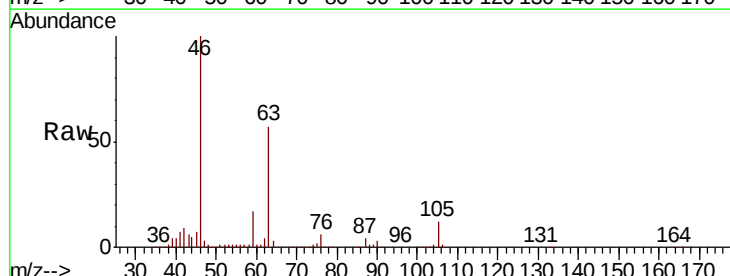
Ion Ratio Lower Upper

43 100

58 24.9 44.4 66.6#

57 21.7 15.7 23.5

100 0.4 9.9 14.9#

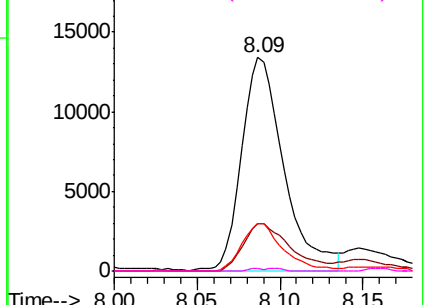
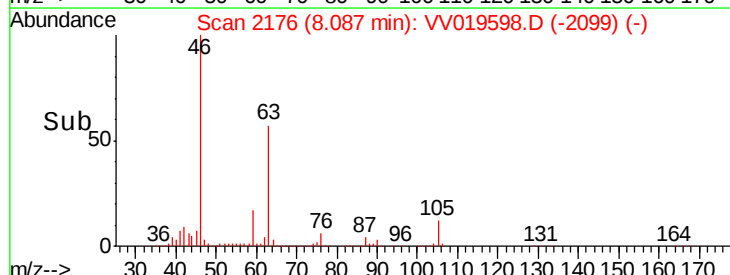


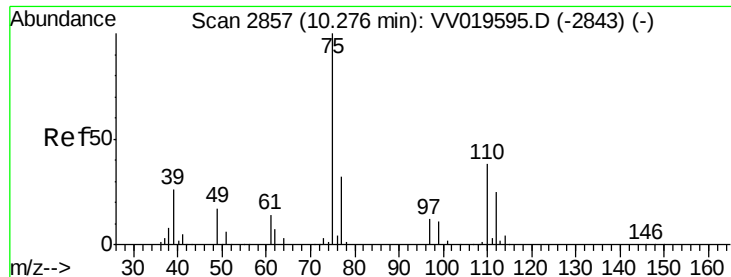
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.680 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019598.D

Acq: 14 Dec 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

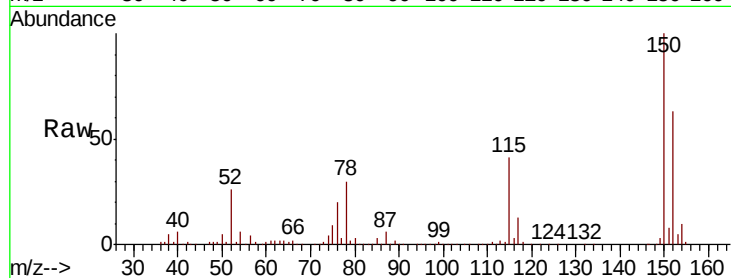
BG4M0

Tot Ion: 75 Resp: 39397

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

