

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019797.D
 Acq On : 22 Dec 2020 15:57
 Operator : SY/MD
 Sample : L5173-09
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R5

Quant Time: Dec 23 01:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	743672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	707601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	330224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	262965	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.62%
7) Chloroethane-d5	1.57	69	184274	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.08	63	377088	38.10	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.20%
21) 2-Butanone-d5	3.91	46	367361	126.74	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.74%
24) Chloroform-d	4.35	84	477595	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.04	65	336428	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
32) Benzene-d6	5.05	84	984296	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.07	67	314936	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.32	98	869471	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%
43) trans-1,3-Dichloropropene-	7.63	79	147076	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.13	63	245704	105.90	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	372091	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.64	152	297953	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds

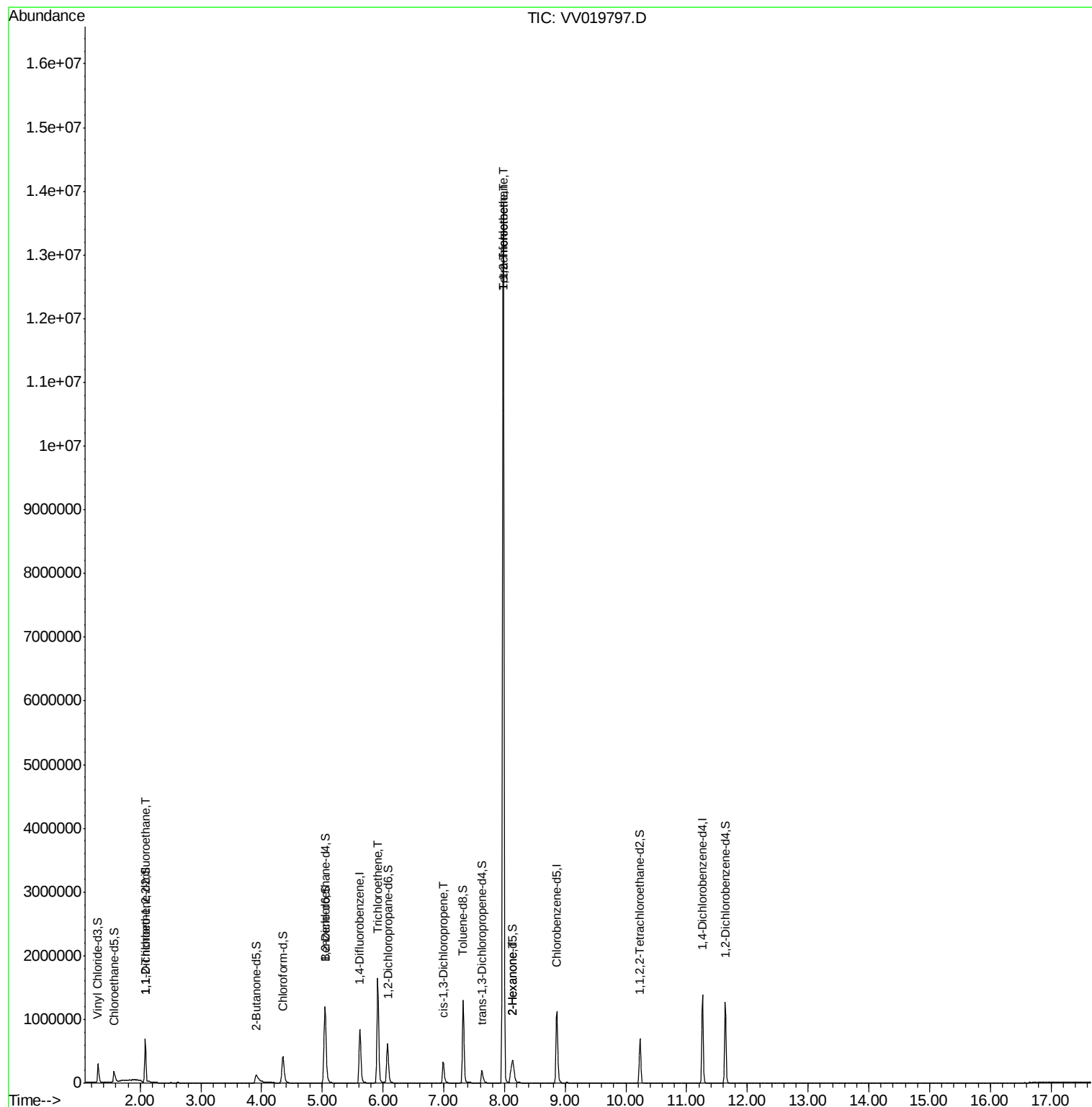
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	3056	0.708 ug/L #	26
34) Trichloroethene	5.91	95	589069	107.830 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	9865	1.100 ug/L #	66
45) 1,1,2-Trichloroethane	7.98	97	29283	5.710 ug/L #	1
46) Tetrachloroethene	7.98	164	2827972	748.124 ug/L	98
48) 2-Hexanone	8.14	43	37630	6.365 ug/L #	46

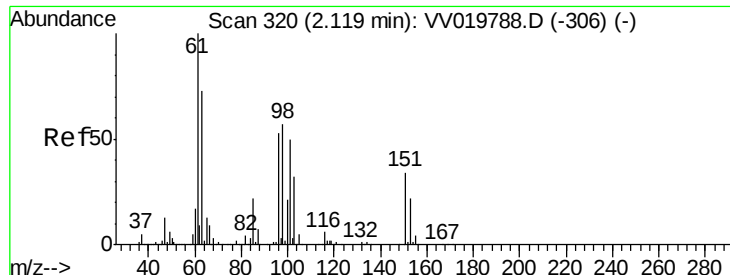
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 01:05:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.708 ug/L

RT: 2.08 min Scan# 309

Delta R.T. -0.04 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Instrument :

MSVOA_V

ClientSampled :

BG4R5

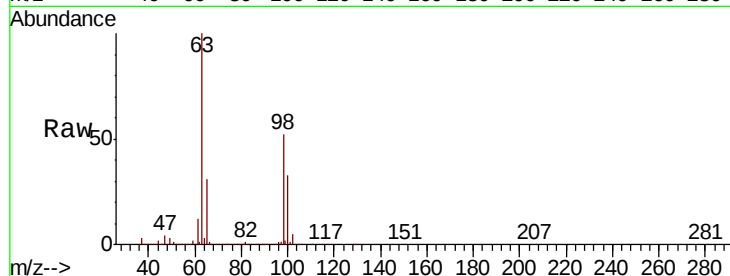
Tot Ion:101 Resp: 3056

Ion Ratio Lower Upper

101 100

85 3.4 35.0 52.4#

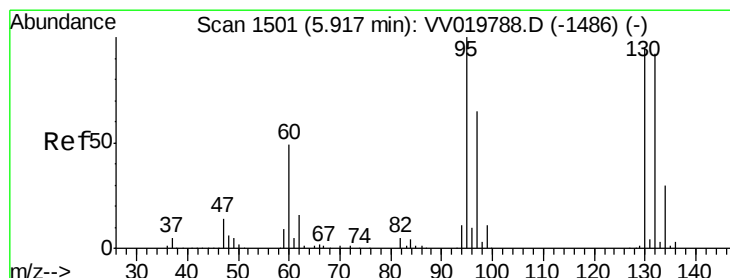
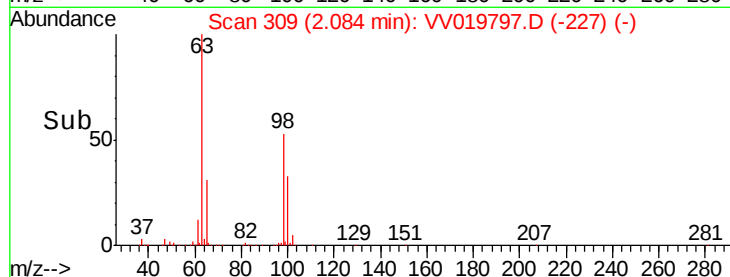
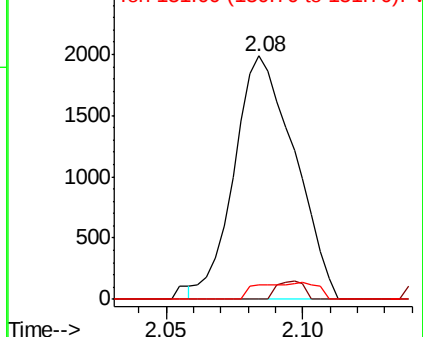
151 2.9 55.8 83.8#



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: 107.830 ug/L

RT: 5.91 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Tgt Ion: 95 Resp: 589069

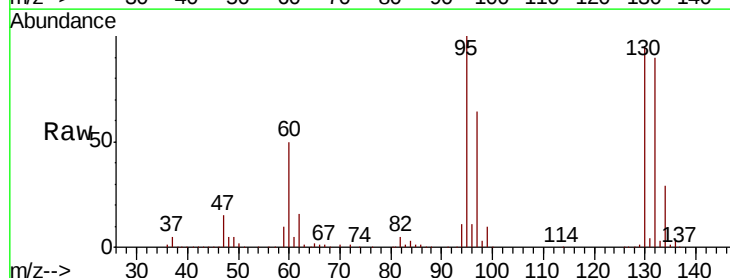
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 90.0 64.3 119.3

130 95.0 67.8 125.8

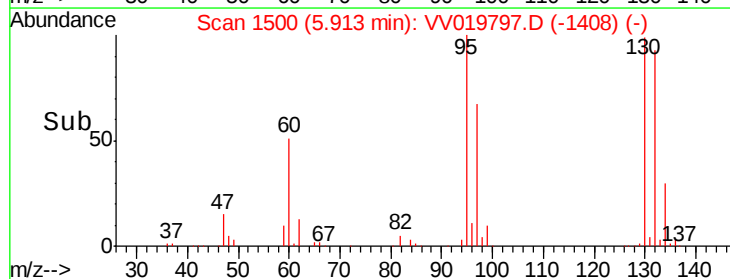
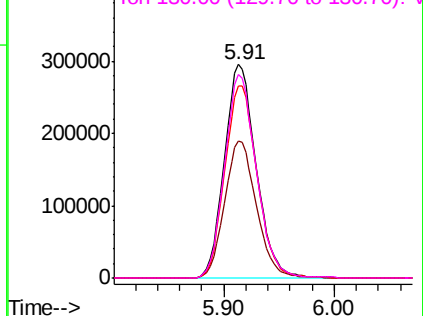


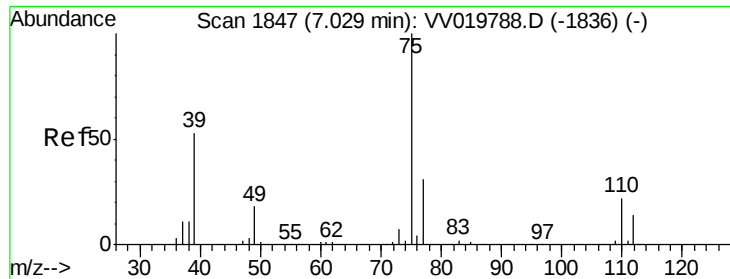
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.100 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

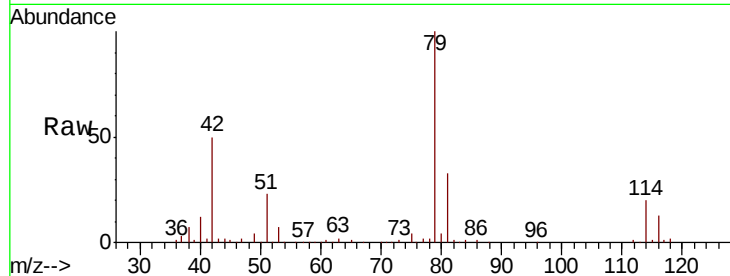
BG4R5

Tot Ion: 75 Resp: 9865

Ion Ratio Lower Upper

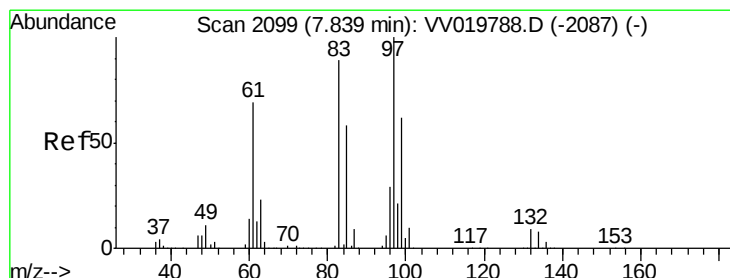
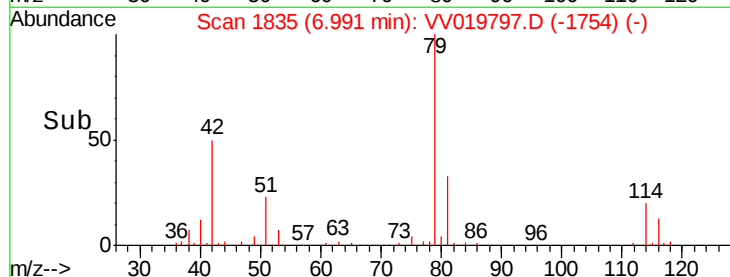
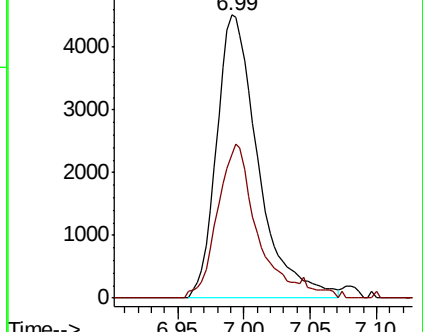
75 100

77 50.8 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV019788.D (-1836) (-)

Ion 77.00 (76.70 to 77.70): VV019788.D (-1836) (-)



#45

1,1,2-Trichloroethane

Concen: 5.710 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Tgt Ion: 97 Resp: 29283

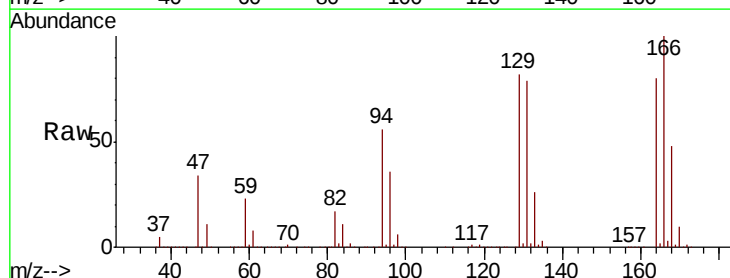
Ion Ratio Lower Upper

97 100

99 17.5 44.1 81.9#

83 268.3 60.0 111.4#

85 39.0 38.6 71.8

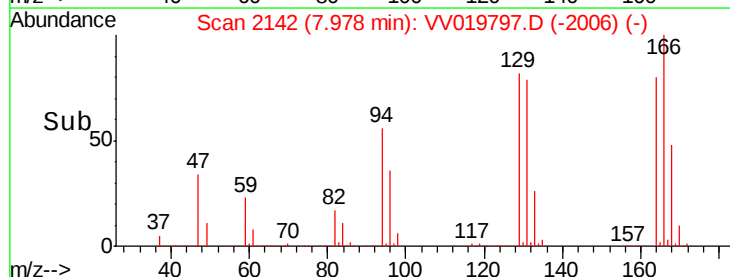
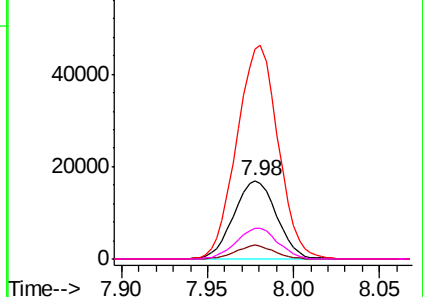


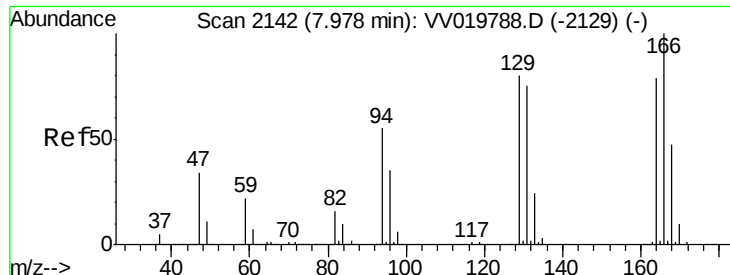
Abundance Ion 97.00 (96.70 to 97.70): VV019788.D (-2087) (-)

Ion 99.00 (98.70 to 99.70): VV019788.D (-2087) (-)

Ion 83.00 (82.70 to 83.70): VV019788.D (-2087) (-)

Ion 85.00 (84.70 to 85.70): VV019788.D (-2087) (-)





#46

Tetrachloroethene

Concen: 748.124 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

BG4R5

Tot Ion:164 Resp: 2827972

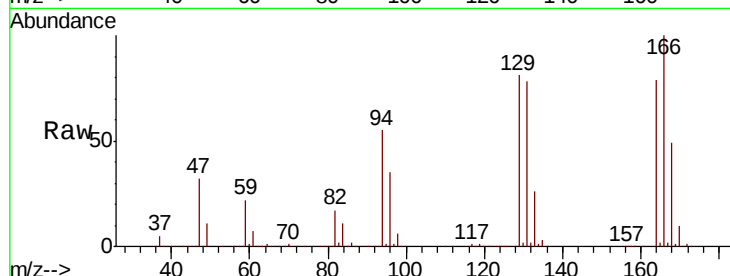
Ion Ratio Lower Upper

164 100

129 102.5 70.6 131.0

131 99.1 68.0 126.4

166 126.7 86.9 161.5



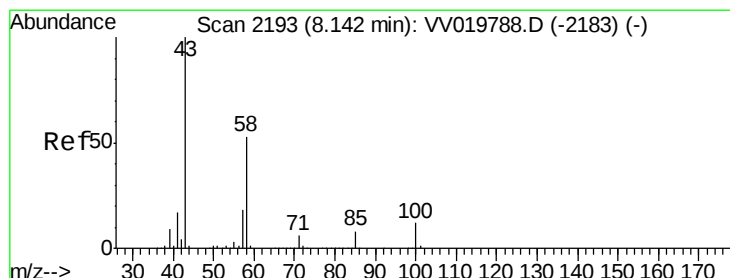
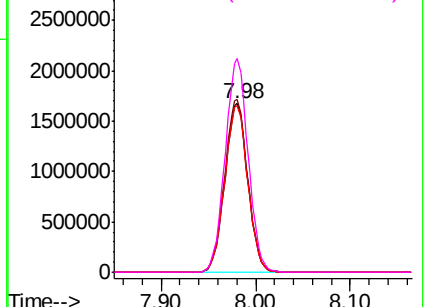
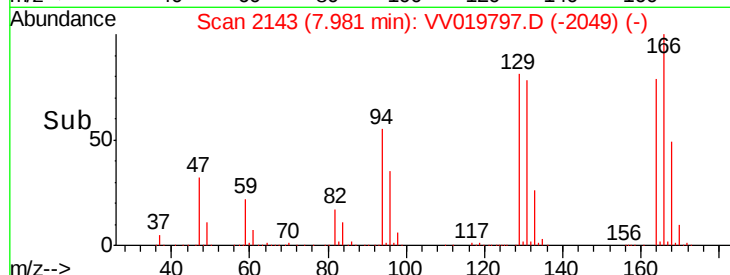
Abundance

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: 6.365 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.01 min

Lab File: VV019797.D

Acq: 22 Dec 2020 15:57

Tgt Ion: 43 Resp: 37630

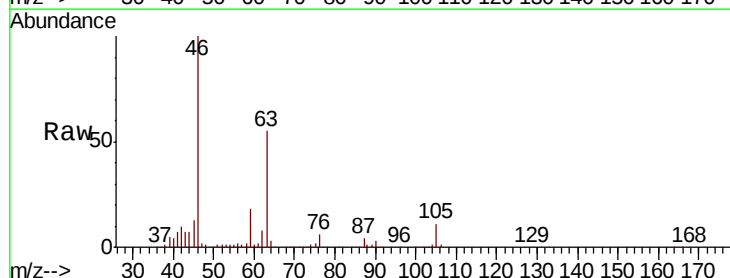
Ion Ratio Lower Upper

43 100

58 8.1 44.4 66.6#

57 3.0 15.7 23.5#

100 0.2 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

