

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019700.D
 Acq On : 18 Dec 2020 15:20
 Operator : SY/MD
 Sample : L5099-06 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q3

Quant Time: Dec 19 05:28:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	593164	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	551460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	254229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	197287	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.76%
7) Chloroethane-d5	1.57	69	167229	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.11	63	290671	36.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.64%
21) 2-Butanone-d5	3.89	46	321522	139.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.07%#
24) Chloroform-d	4.35	84	378569	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.04	65	261641	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
32) Benzene-d6	5.05	84	755103	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
36) 1,2-Dichloropropane-d6	6.07	67	245132	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.32	98	660294	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.63	79	117669	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.09	63	216473	119.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	305162	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.63	152	246938	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

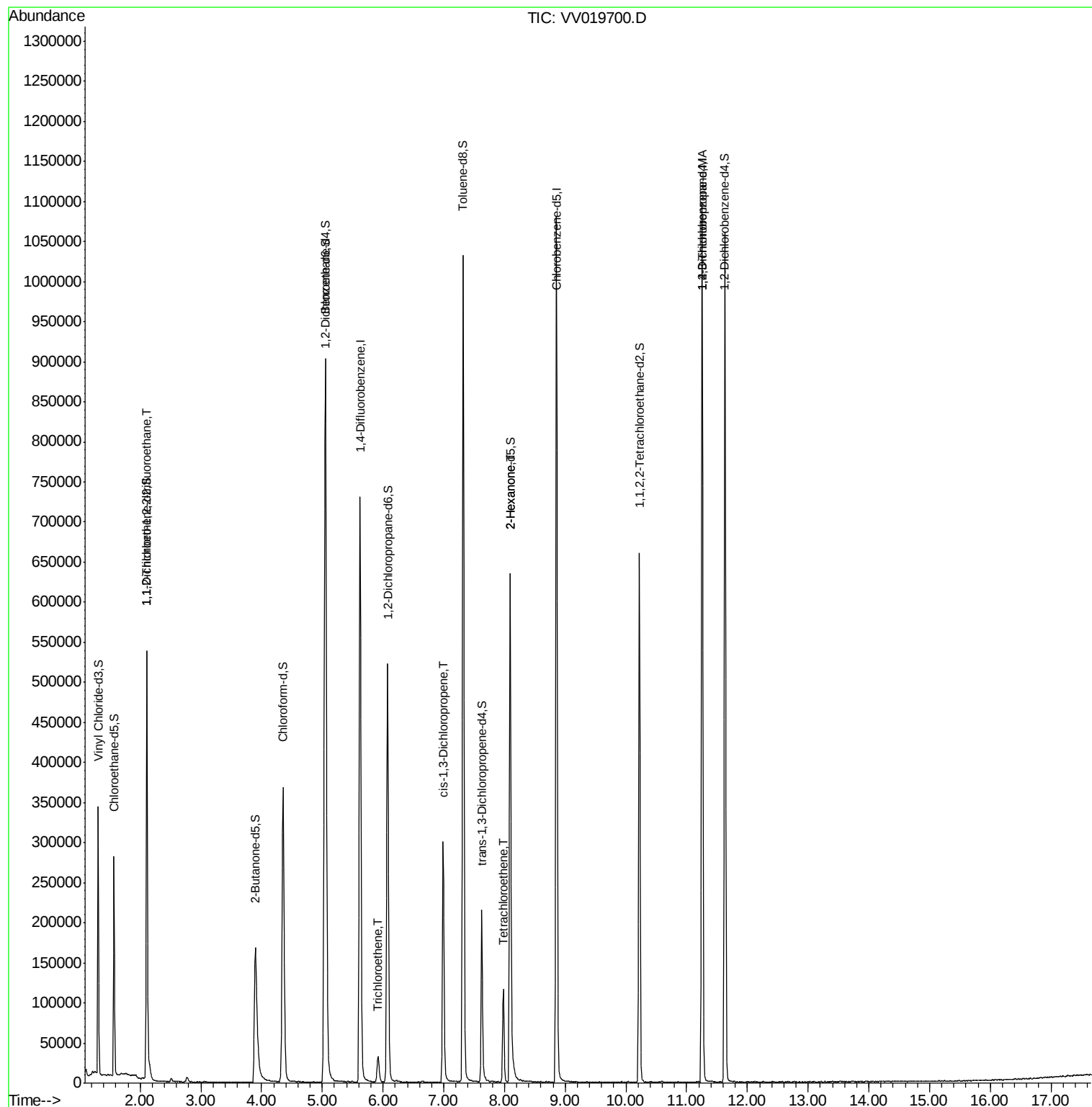
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2449	0.711 ug/L #	22
34) Trichloroethene	5.93	95	8375	1.967 ug/L	95
39) cis-1,3-Dichloropropene	6.99	75	8129	1.163 ug/L #	69
46) Tetrachloroethene	7.98	164	24157	8.200 ug/L	98
48) 2-Hexanone	8.09	43	27738	6.020 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	34410	6.573 ug/L	89

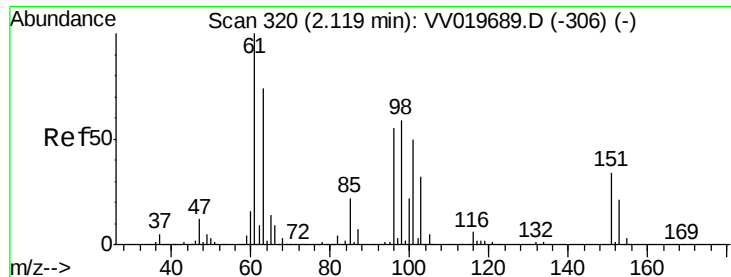
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.711 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019700.D

Acq: 18 Dec 2020 15:20

Instrument :

MSVOA_V

ClientSampleId :

BG4Q3

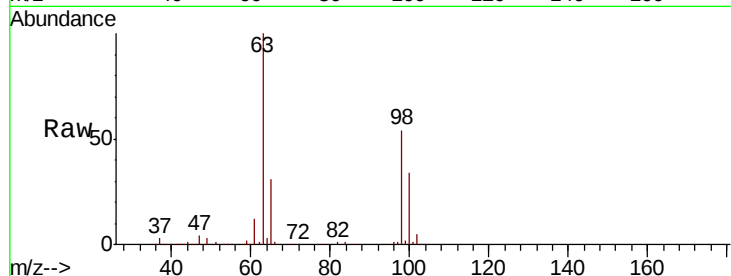
Tot Ion:101 Resp: 2449

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

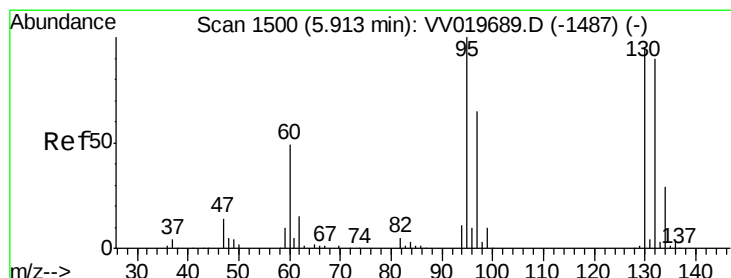
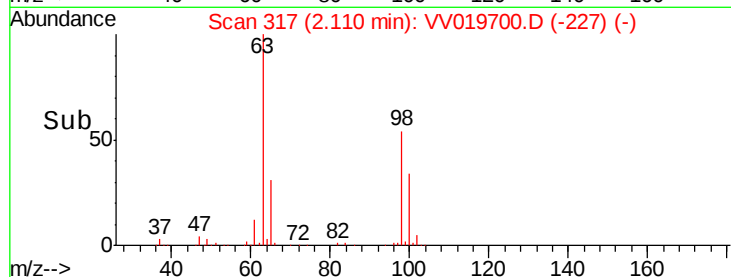
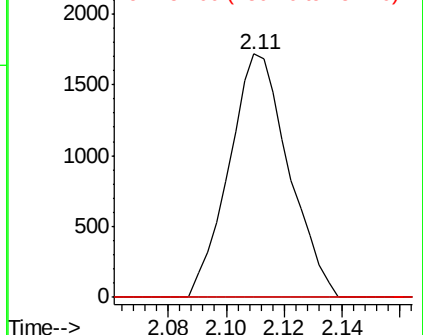
151 0.0 55.8 83.8#



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: 1.967 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019700.D

Acq: 18 Dec 2020 15:20

Tgt Ion: 95 Resp: 8375

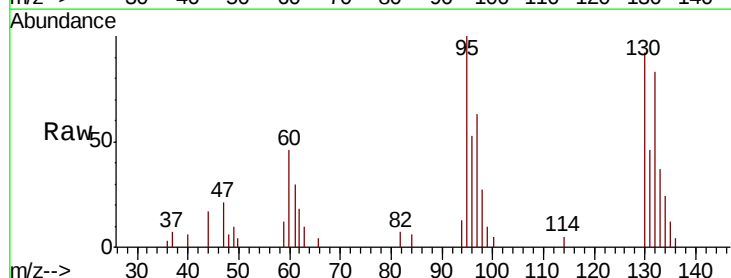
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 83.0 64.3 119.3

130 92.2 67.8 125.8

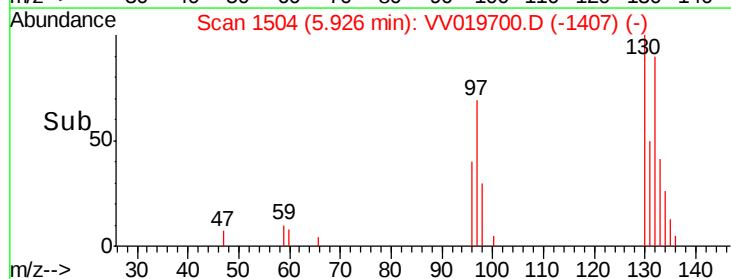
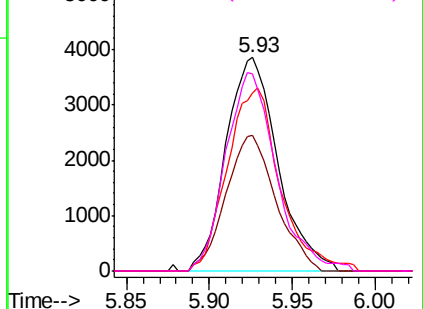


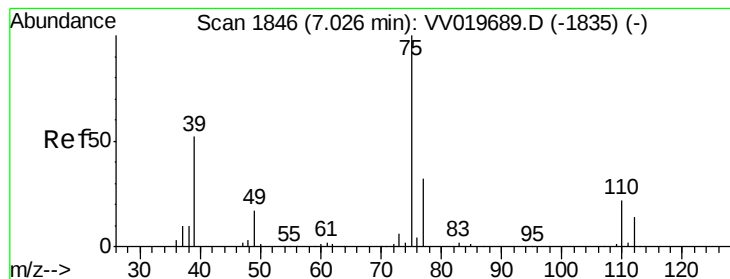
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.163 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019700.D

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ClientSampleId :

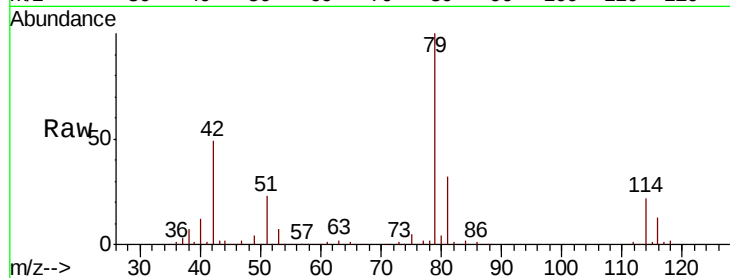
BG4Q3

Tot Ion: 75 Resp: 8129

Ion Ratio Lower Upper

75 100

77 49.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV019689.D (-1835) (-)

Ion 77.00 (76.70 to 77.70): VV019689.D (-1835) (-)

6.99

4000

3000

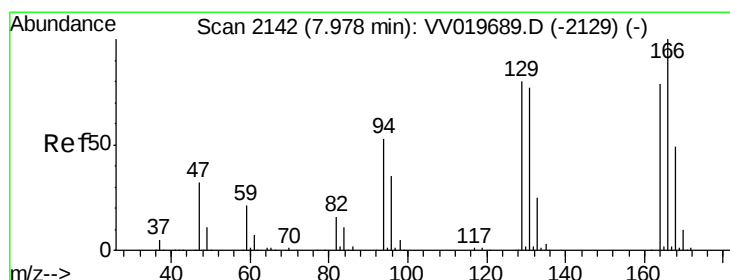
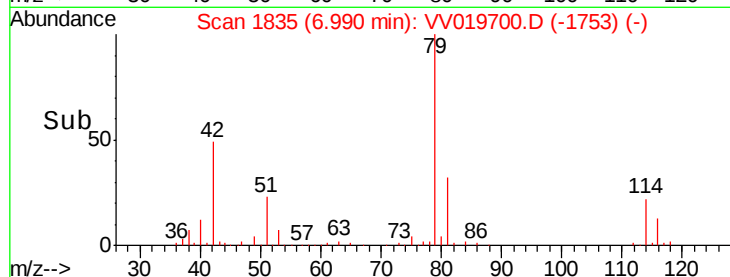
2000

1000

0

6.95 7.00 7.05

Time-->



#46

Tetrachloroethene

Concen: 8.200 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019700.D

Acq: 18 Dec 2020 15:20

Tgt Ion:164 Resp: 24157

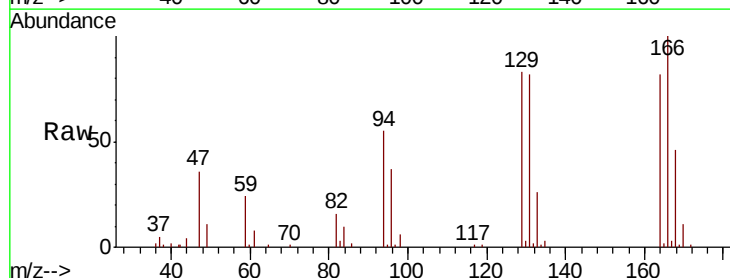
Ion Ratio Lower Upper

164 100

129 102.0 70.6 131.0

131 100.5 68.0 126.4

166 122.6 86.9 161.5



Abundance Ion 164.00 (163.70 to 164.70): VV019689.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019689.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019689.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019689.D (-2129) (-)

25000

20000

15000

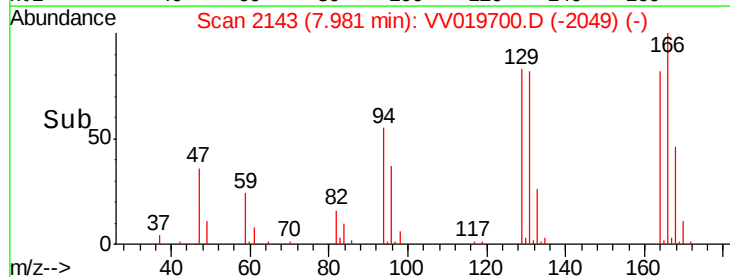
10000

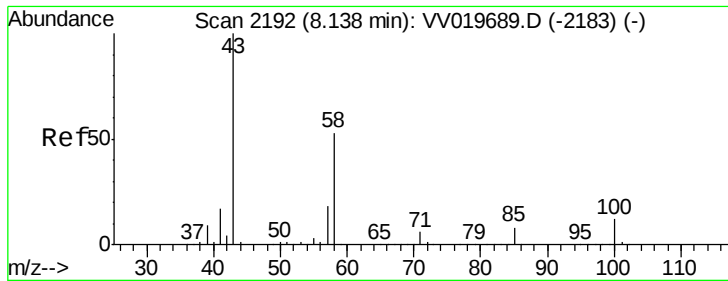
5000

0

7.95 8.00 8.05

Time-->

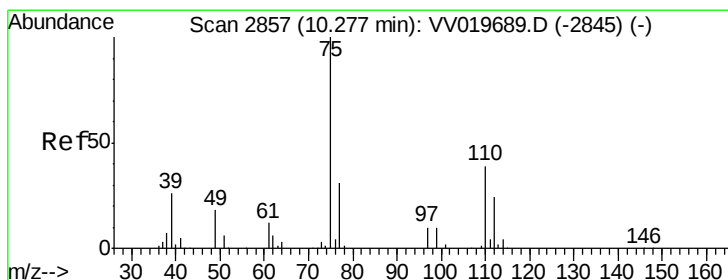
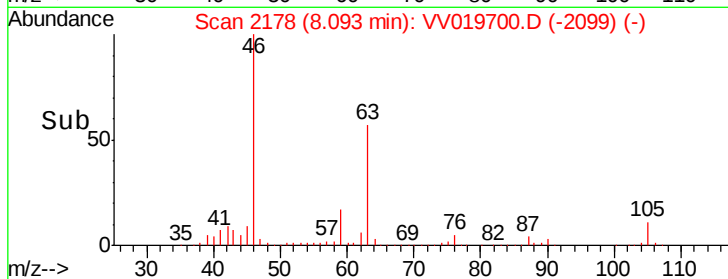
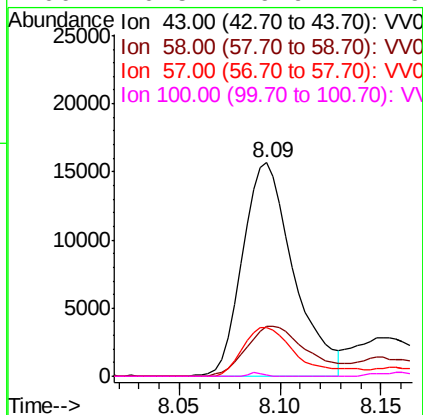
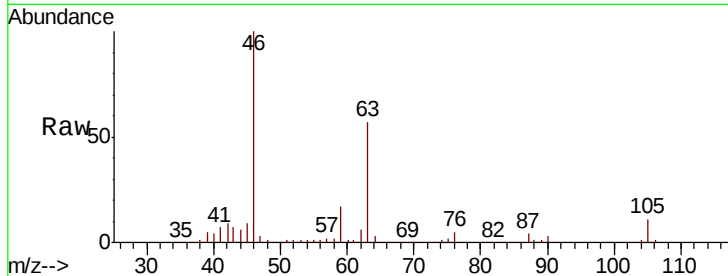




#48
2-Hexanone
Concen: 6.020 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.05 min
Lab File: VV019700.D
Acq: 18 Dec 2020 15:20

Instrument :
MSVOA_V
ClientSampleId :
BG4Q3

Tot Ion: 43 Resp: 27738
Ion Ratio Lower Upper
43 100
58 28.1 44.4 66.6#
57 23.3 15.7 23.5
100 0.5 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.573 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019700.D
Acq: 18 Dec 2020 15:20

Tgt Ion: 75 Resp: 34410
Ion Ratio Lower Upper
75 100
77 38.4 25.8 38.8

