

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019470.D
 Acq On : 03 Dec 2020 20:57
 Operator : SY/MD
 Sample : L4920-14ME 5X
 Misc : 5.07G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4G0ME

Quant Time: Dec 04 08:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315240	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100741	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.00%
7) Chloroethane-d5	1.55	69	93837	36.62	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.24%
11) 1,1-Dichloroethene-d2	2.11	63	172524	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	3.89	46	209430	109.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.14%
24) Chloroform-d	4.37	84	234276	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.05	65	169656	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
32) Benzene-d6	5.07	84	463587	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.09	67	159045	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.33	98	384268	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%
43) trans-1,3-Dichloropropene-	7.64	79	69542	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.11	63	117564	94.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	189893	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	158306	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

Target Compounds

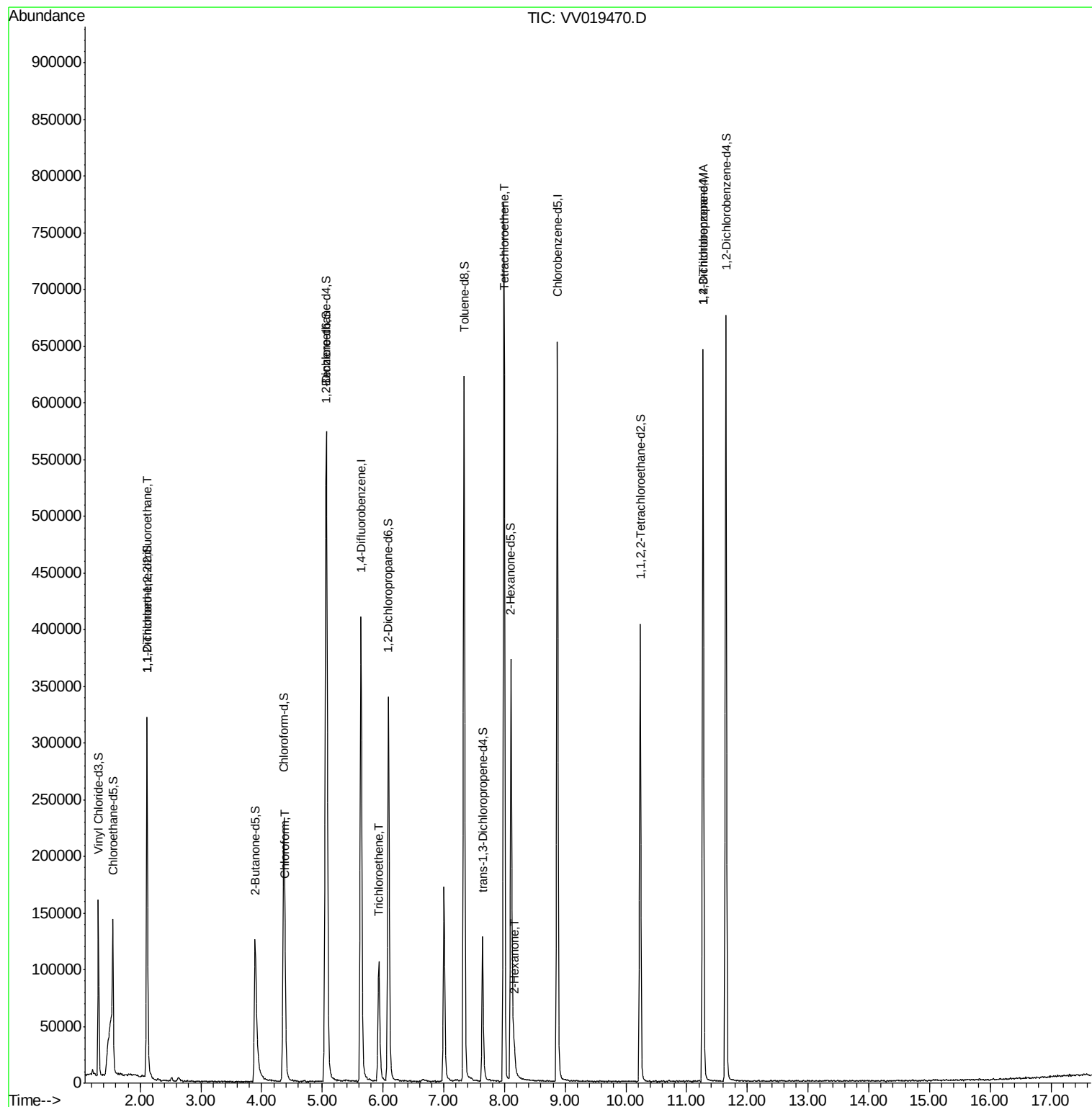
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1565	0.708 ug/L #	21
25) Chloroform	4.40	83	6816	1.444 ug/L	100
34) Trichloroethene	5.93	95	29134	10.927 ug/L	96
46) Tetrachloroethene	7.99	164	157986	85.318 ug/L	94
48) 2-Hexanone	8.16	43	16978	5.765 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	20962	6.051 ug/L	97

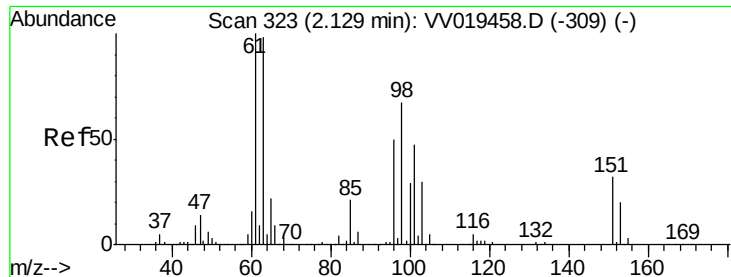
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.708 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019470.D

Acq: 03 Dec 2020 20:57

Instrument :

MSVOA_V

ClientSampleId :

BG4G0ME

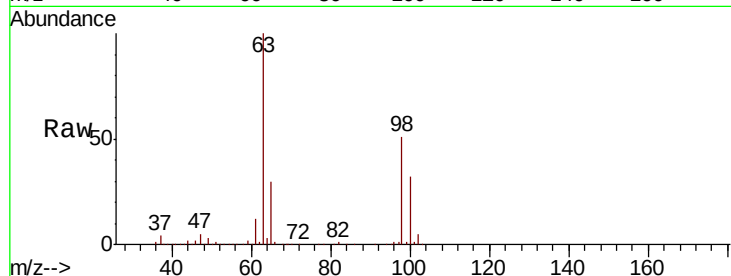
Tot Ion:101 Resp: 1565

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

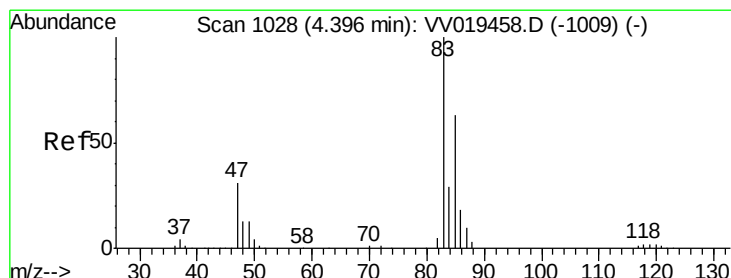
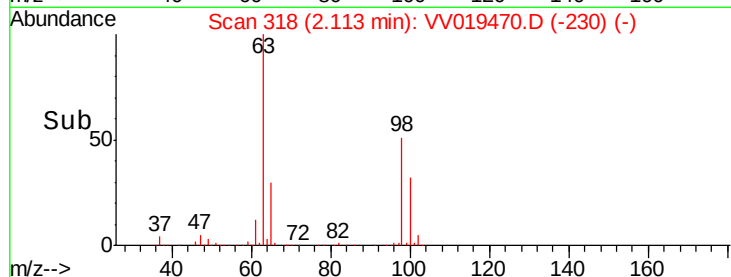
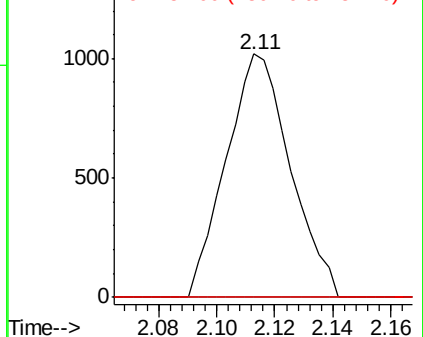
151 0.0 58.9 88.3#



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



#25

Chloroform

Concen: 1.444 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VV019470.D

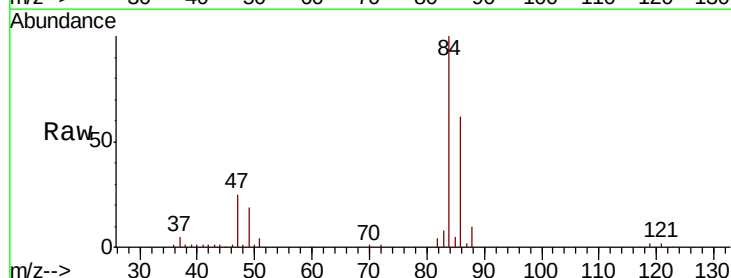
Acq: 03 Dec 2020 20:57

Tgt Ion: 83 Resp: 6816

Ion Ratio Lower Upper

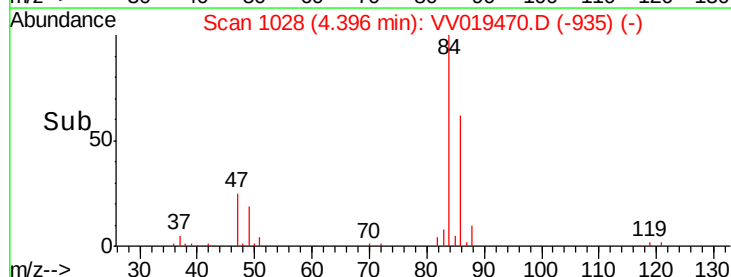
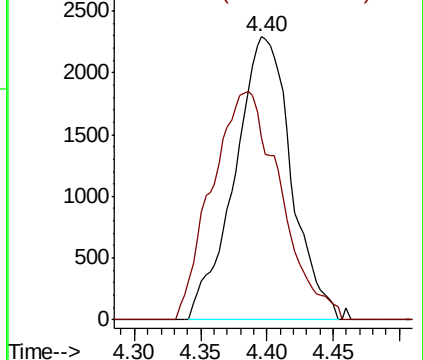
83 100

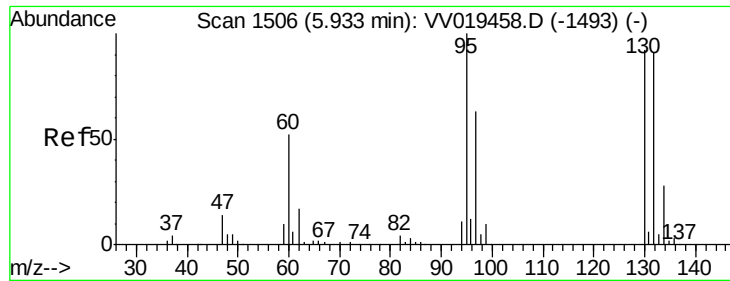
85 64.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 10.927 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. 0.00 min

Lab File: VV019470.D

Acq: 03 Dec 2020 20:57

Instrument :

MSVOA_V

ClientSampleId :

BG4G0ME

Tot Ion: 95 Resp: 29134

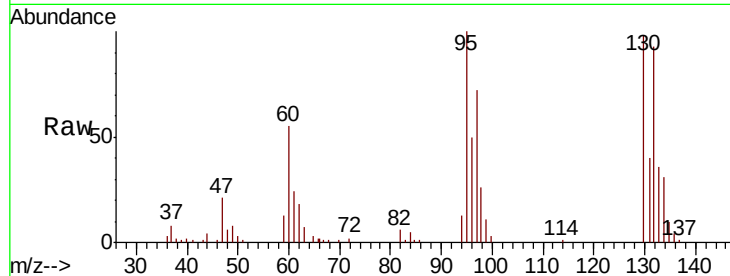
Ion Ratio Lower Upper

95 100

97 71.7 43.8 81.3

132 93.3 65.6 121.8

130 97.7 69.2 128.6



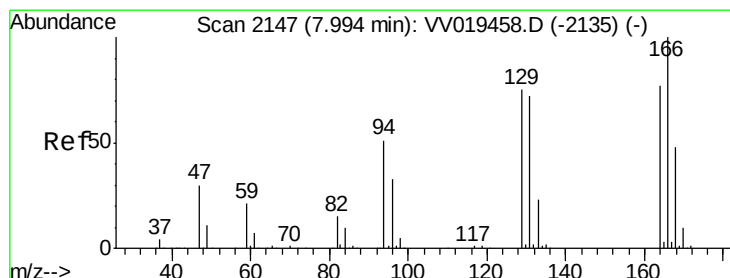
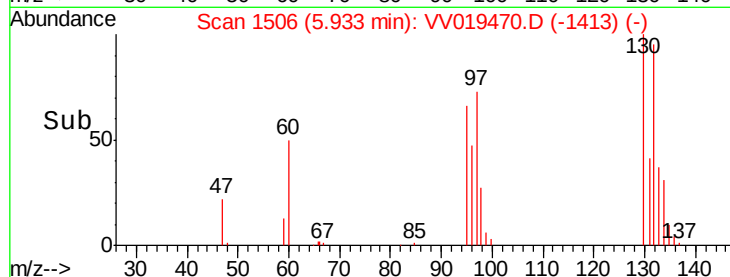
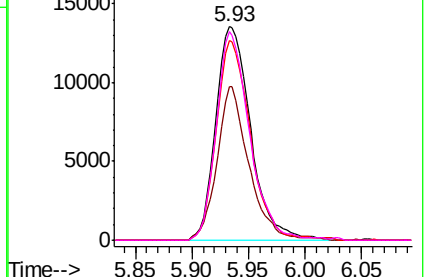
Abundance

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



#46

Tetrachloroethene

Concen: 85.318 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019470.D

Acq: 03 Dec 2020 20:57

Tgt Ion:164 Resp: 157986

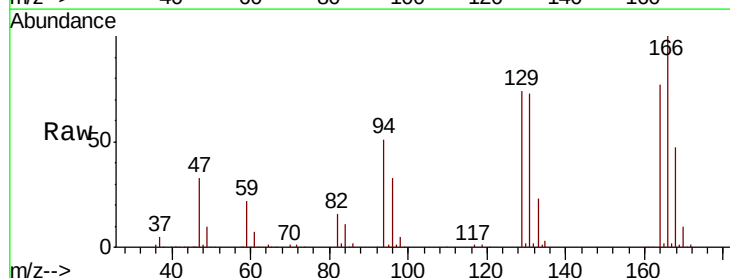
Ion Ratio Lower Upper

164 100

129 96.0 62.9 116.7

131 94.2 61.1 113.5

166 129.4 86.5 160.6



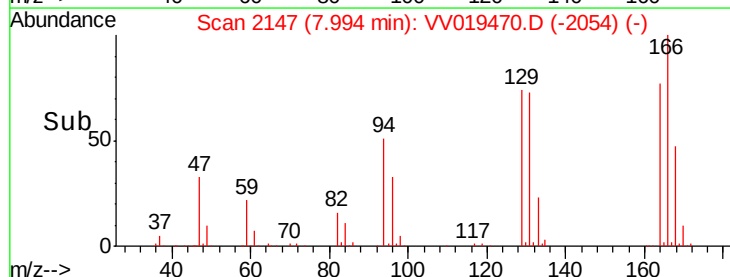
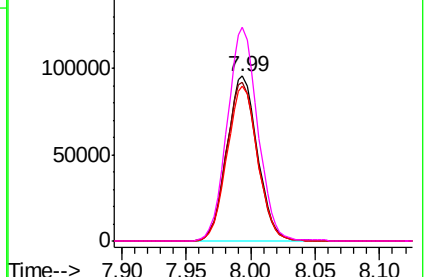
Abundance

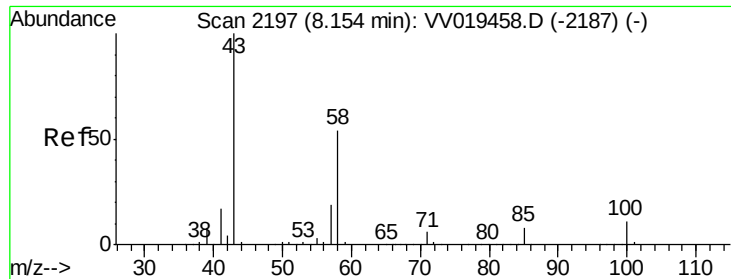
Ion 164.00 (163.70 to 164.70): V

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

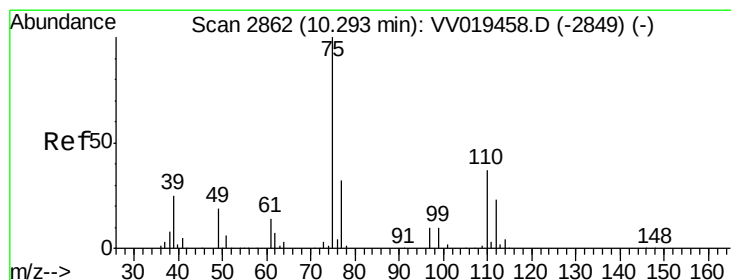
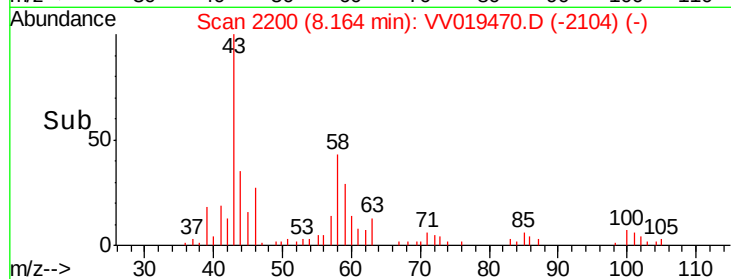
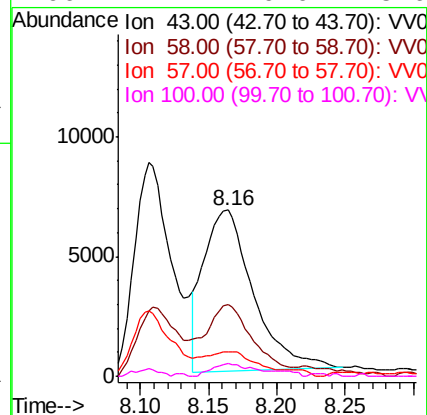
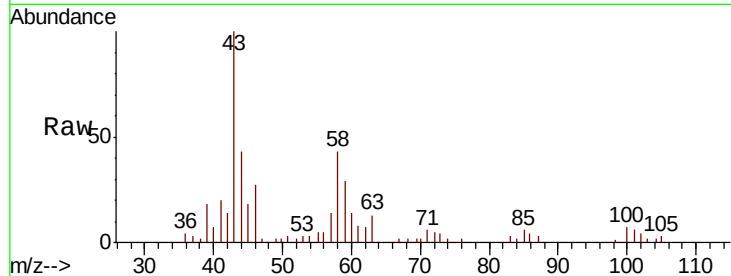




#48
 2-Hexanone
 Concen: 5.765 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019470.D
 Acq: 03 Dec 2020 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4G0ME

Tot Ion: 43 Resp: 16978
 Ion Ratio Lower Upper
 43 100
 58 32.1 43.8 65.6#
 57 0.0 15.4 23.2#
 100 4.7 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.051 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019470.D
 Acq: 03 Dec 2020 20:57

Tgt Ion: 75 Resp: 20962
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8

