

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019011.D
 Acq On : 20 Oct 2020 14:00
 Operator : SY/MD
 Sample : L4430-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:10:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300123	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73990	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.90%#
7) Chloroethane-d5	1.58	69	78512	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.22%
11) 1,1-Dichloroethene-d2	2.12	63	131862	28.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.54%#
21) 2-Butanone-d5	3.92	46	158915	92.28	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	4.38	84	190781	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	5.06	65	134338	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.08	84	358954	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.66%
36) 1,2-Dichloropropane-d6	6.09	67	124816	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.34	98	311209	38.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.96%#
43) trans-1,3-Dichloropropene-	7.64	79	51962	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.70%
47) 2-Hexanone-d5	8.11	63	82838	78.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.36%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151338	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	135798	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

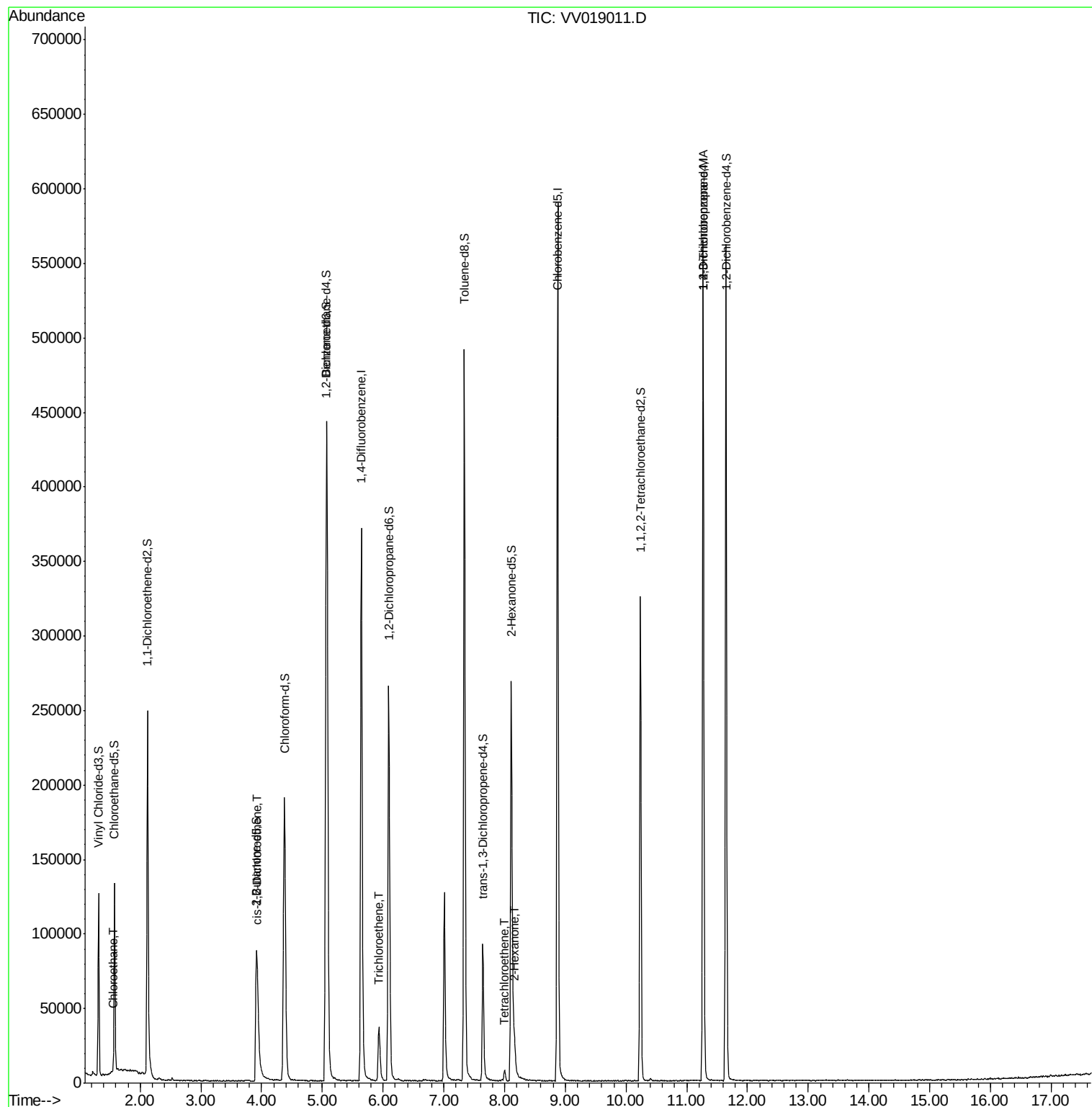
					Ovalue
8) Chloroethane	1.55	64	4387	2.582 ug/L #	56
20) cis-1,2-Dichloroethene	3.94	96	3113	1.341 ug/L	94
34) Trichloroethene	5.95	95	4329	1.606 ug/L	94
46) Tetrachloroethene	8.00	164	1588	0.836 ug/L	94
48) 2-Hexanone	8.16	43	15959	5.834 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	17217	5.685 ug/L #	85

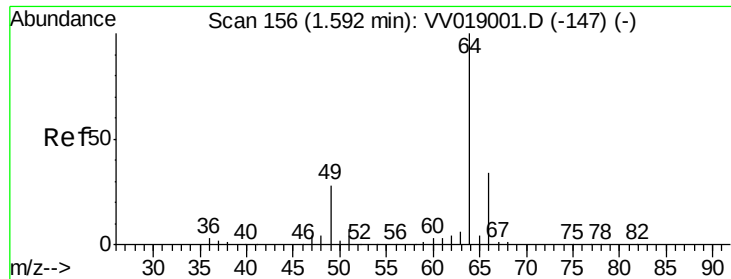
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.582 ug/L

RT: 1.55 min Scan# 144

Delta R.T. -0.04 min

Lab File: VV019011.D

Acq: 20 Oct 2020 14:00

Instrument :

MSVOA_V

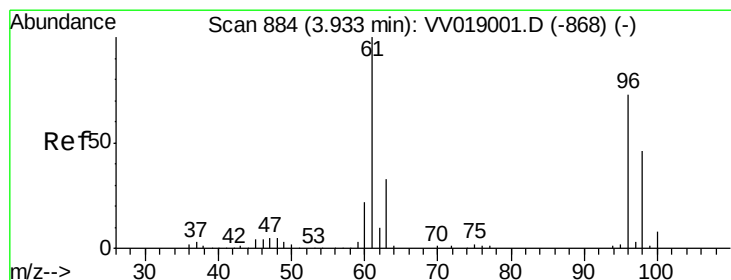
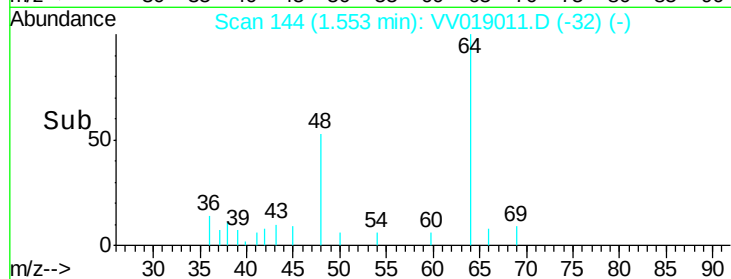
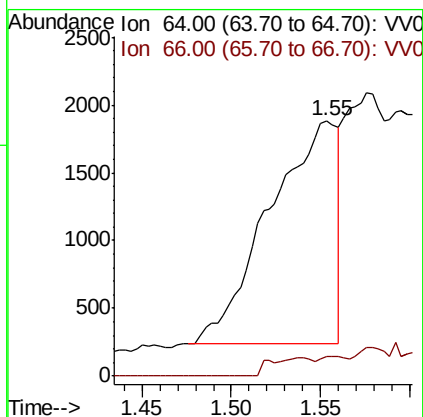
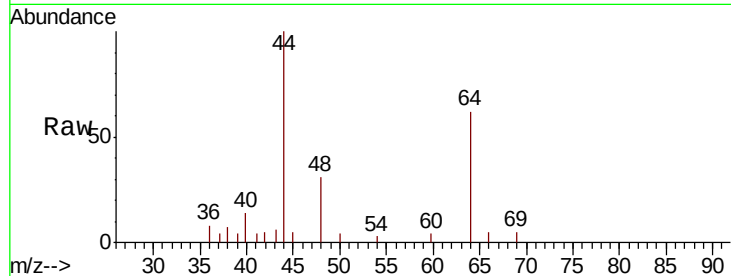
ClientSampleId :

Tot Ion: 64 Resp: 4387

Ion Ratio Lower Upper

64 100

66 7.7 22.7 42.1#



#20

cis-1,2-Dichloroethene

Concen: 1.341 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV019011.D

Acq: 20 Oct 2020 14:00

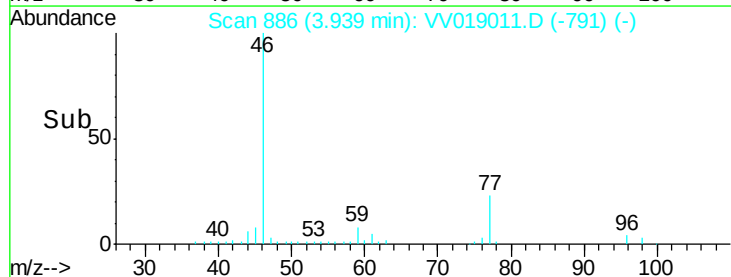
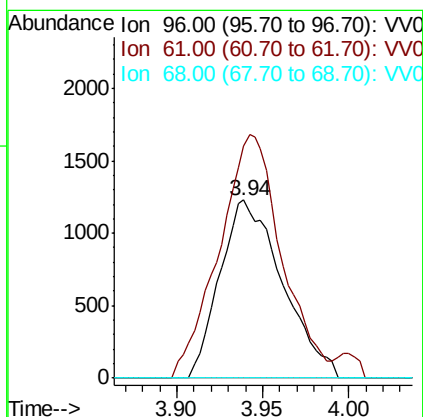
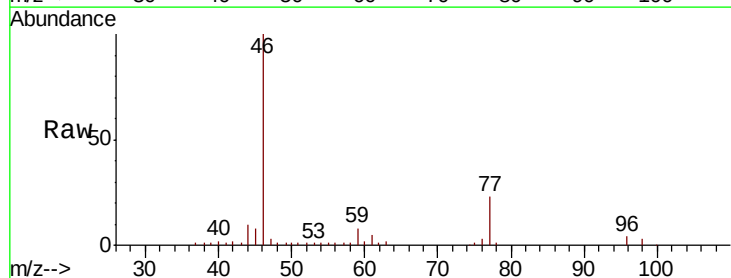
Tgt Ion: 96 Resp: 3113

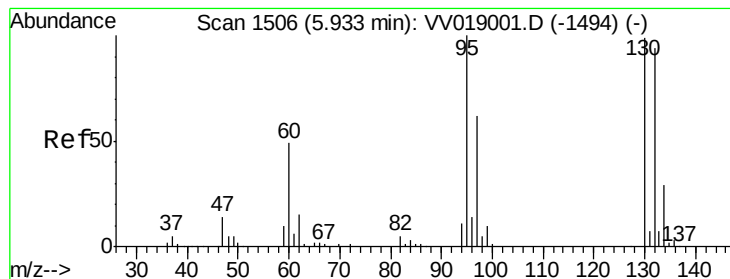
Ion Ratio Lower Upper

96 100

61 130.0 96.1 178.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.606 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV019011.D

Acq: 20 Oct 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4329

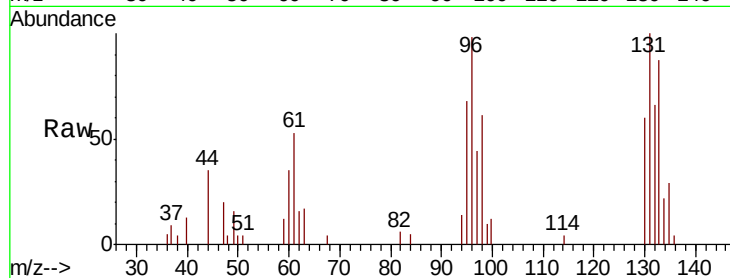
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 96.2 67.0 124.4

130 87.2 70.8 131.6



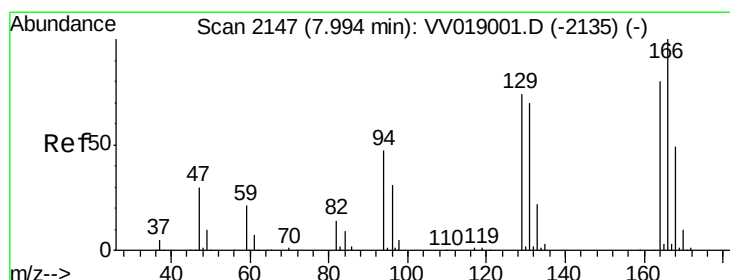
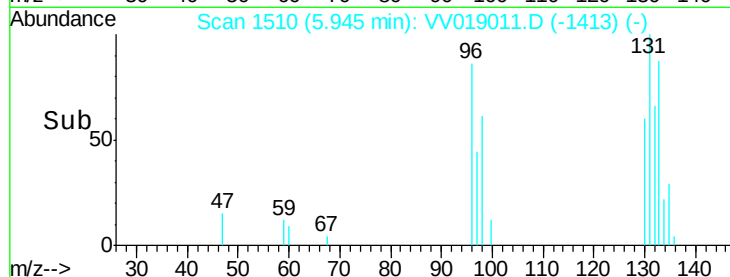
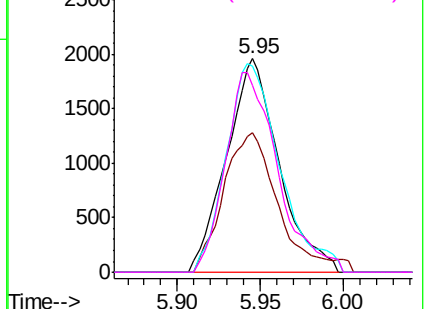
Abundance

Ion 95.00 (94.70 to 95.70): VV019011.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV019011.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV019011.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV019011.D (-1494) (-)



#46

Tetrachloroethene

Concen: 0.836 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV019011.D

Acq: 20 Oct 2020 14:00

Tgt Ion: 164 Resp: 1588

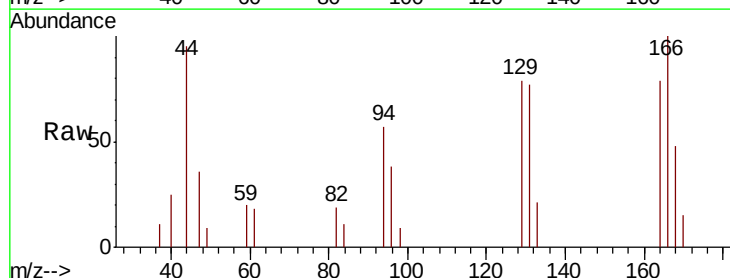
Ion Ratio Lower Upper

164 100

129 99.8 65.0 120.8

131 96.6 62.9 116.7

166 126.2 91.1 169.3



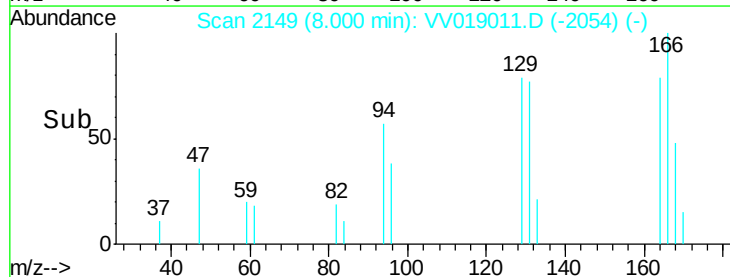
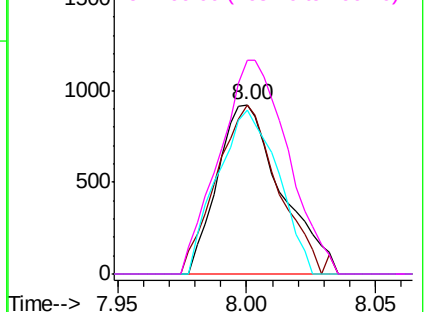
Abundance

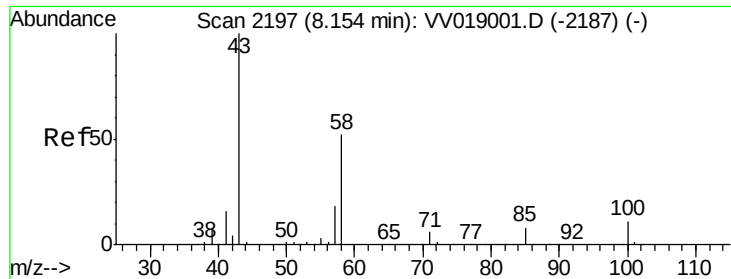
Ion 164.00 (163.70 to 164.70): VV019011.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019011.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019011.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019011.D (-2054) (-)

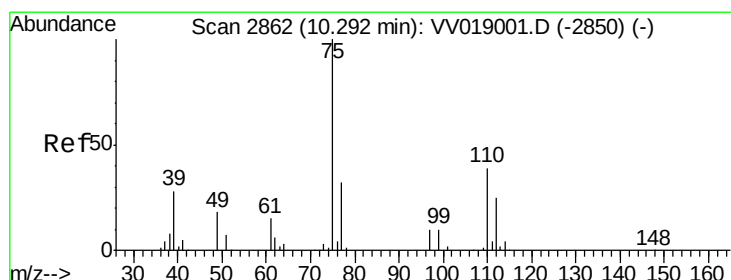
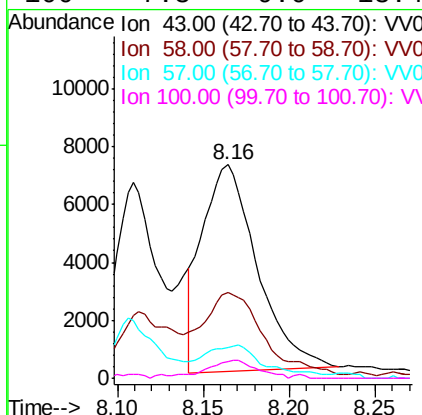
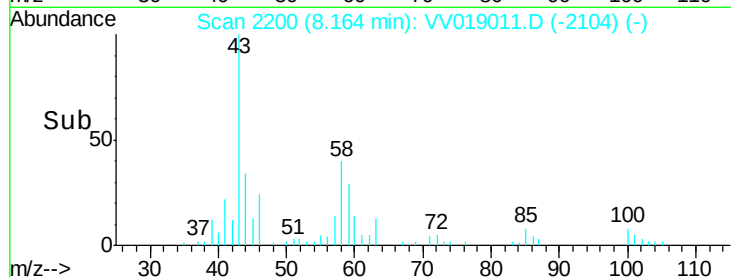
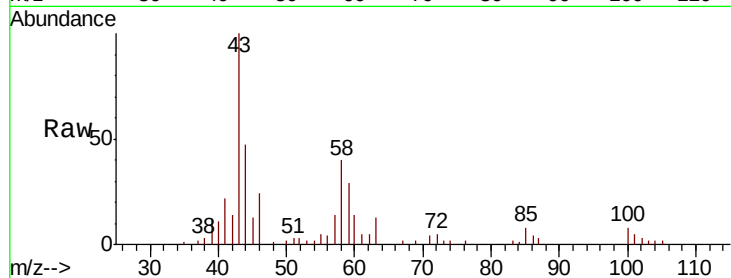




#48
 2-Hexanone
 Concen: 5.834 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019011.D
 Acq: 20 Oct 2020 14:00

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	43	Resp:	15959
Ion	Ratio	Lower	Upper
43	100		
58	26.9	42.5	63.7#
57	9.5	14.5	21.7#
100	7.3	9.0	13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.685 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019011.D
 Acq: 20 Oct 2020 14:00

Tgt Ion:	75	Resp:	17217
Ion	Ratio	Lower	Upper
75	100		
77	40.3	25.4	38.2#

