

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018916.D
 Acq On : 15 Oct 2020 17:26
 Operator : SY/MD
 Sample : L4351-07DL20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5DL

Quant Time: Oct 16 08:46:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124558	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.58	69	102915	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.50%
11) 1,1-Dichloroethene-d2	2.12	63	186128	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	3.91	46	169554	90.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	4.38	84	230628	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.05	65	158751	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.07	84	463610	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	151317	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.34	98	410475	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.64	79	70598	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
47) 2-Hexanone-d5	8.11	63	96363	85.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158715	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	163423	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

Target Compounds

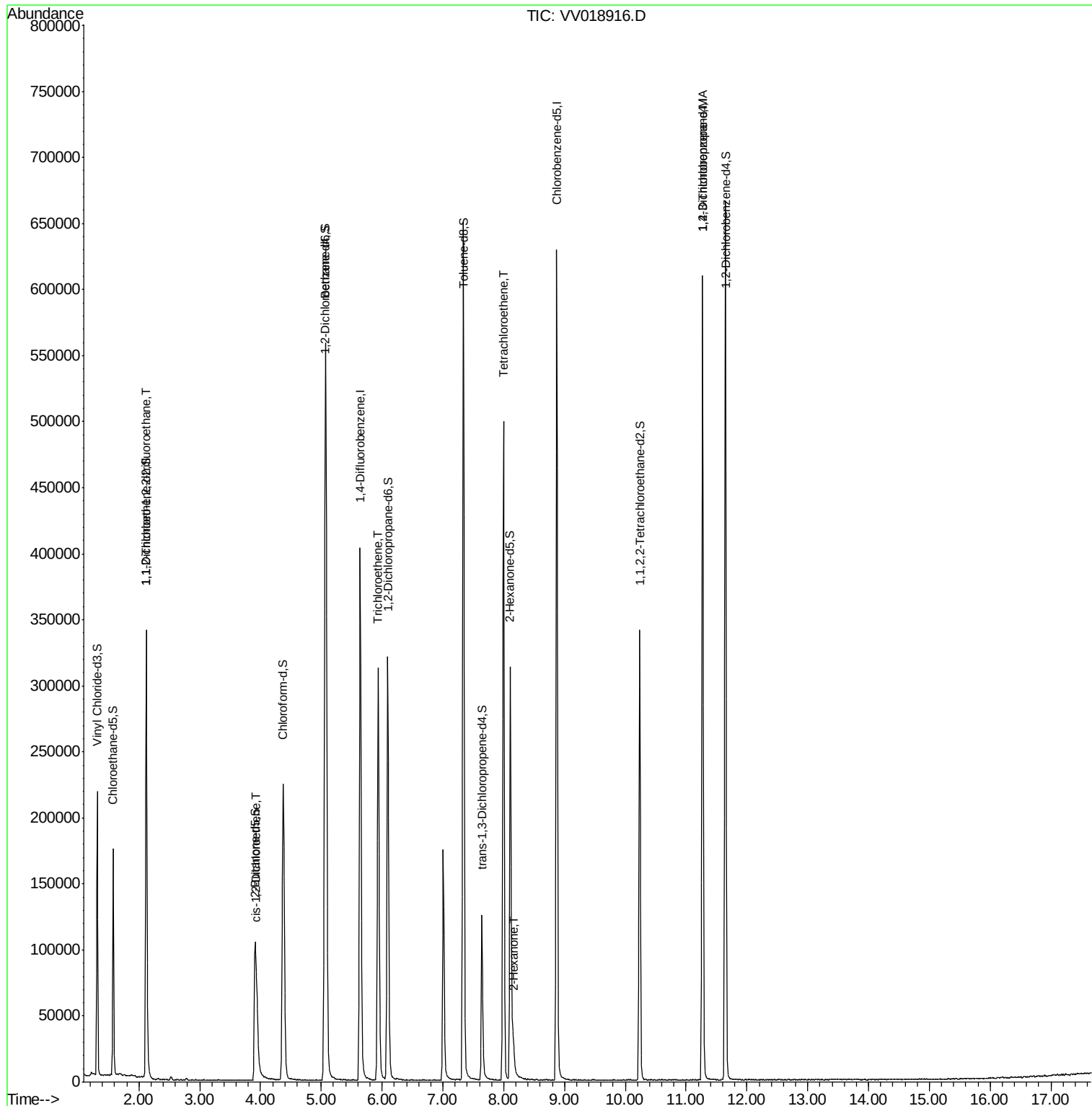
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1681	0.792 ug/L #	21
20) cis-1,2-Dichloroethene	3.94	96	16078	6.356 ug/L	92
34) Trichloroethene	5.94	95	100511	34.940 ug/L	99
46) Tetrachloroethene	8.00	164	109032	53.780 ug/L	99
48) 2-Hexanone	8.16	43	15770	5.401 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	18276	5.654 ug/L	90

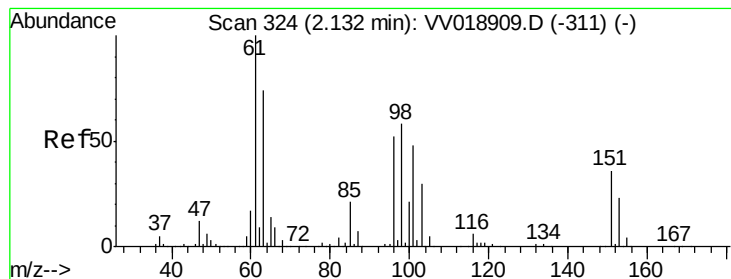
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.792 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018916.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AG5DL

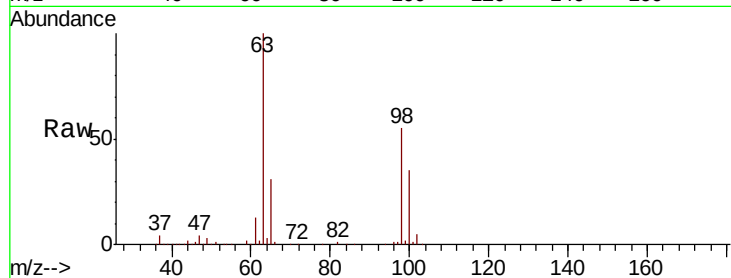
Tot Ion:101 Resp: 1681

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

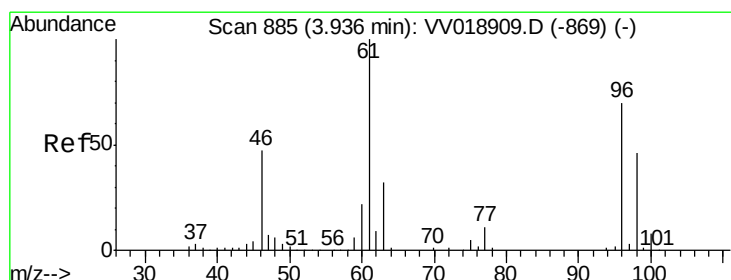
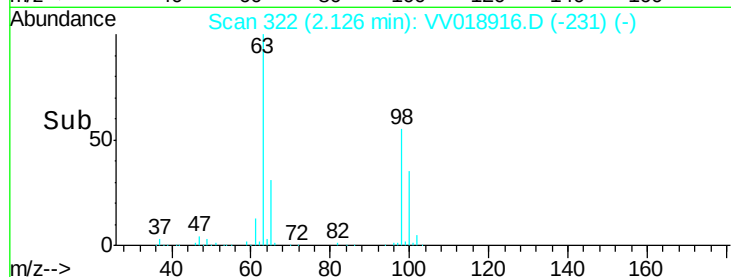
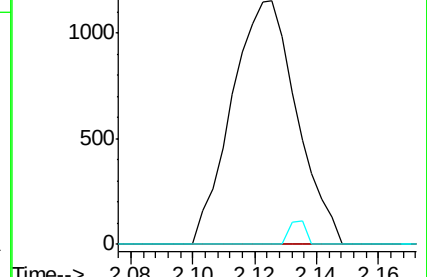
151 2.5 59.7 89.5#



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



#20

cis-1,2-Dichloroethene

Concen: 6.356 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018916.D

Acq: 15 Oct 2020 17:26

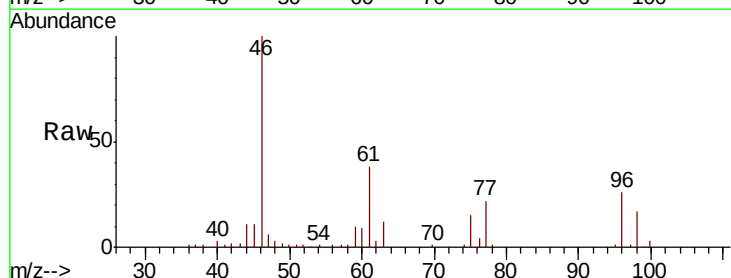
Tgt Ion: 96 Resp: 16078

Ion Ratio Lower Upper

96 100

61 146.3 96.1 178.5

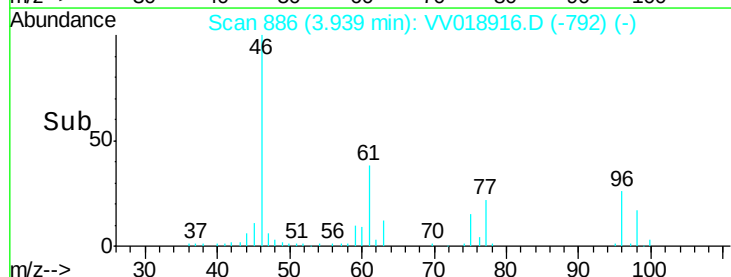
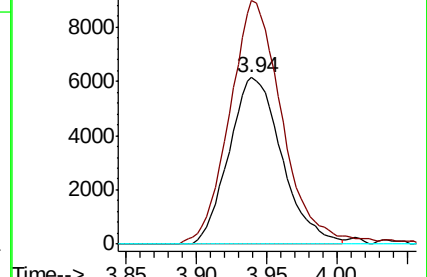
68 0.0 0.0 0.0

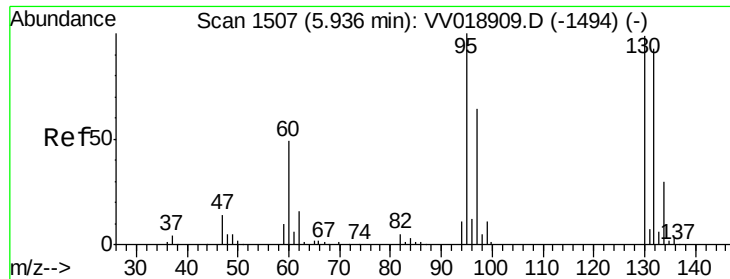


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 34.940 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018916.D

Acq: 15 Oct 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

C0AG5DL

Tot Ion: 95 Resp: 100511

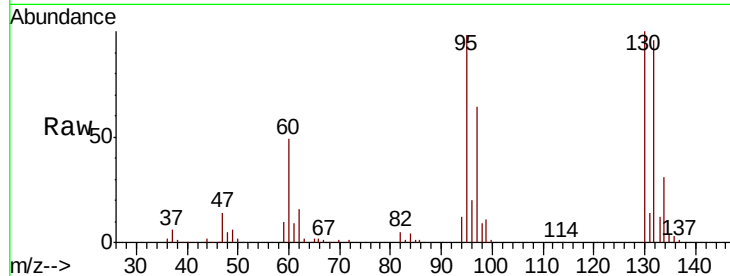
Ion Ratio Lower Upper

95 100

97 64.8 44.7 82.9

132 97.8 67.0 124.4

130 102.0 70.8 131.6



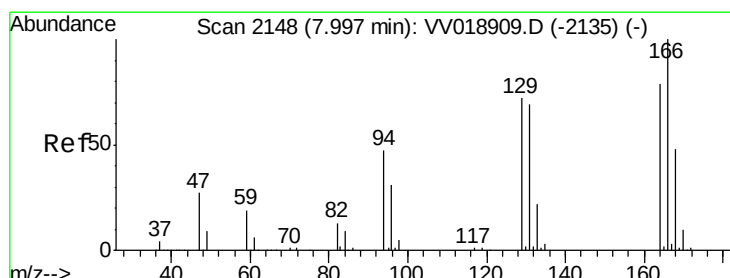
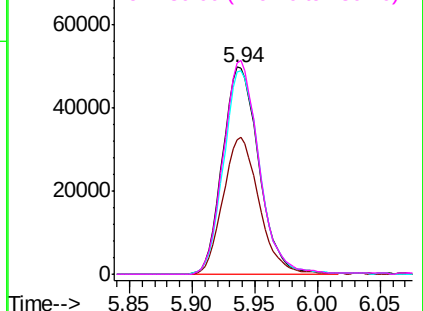
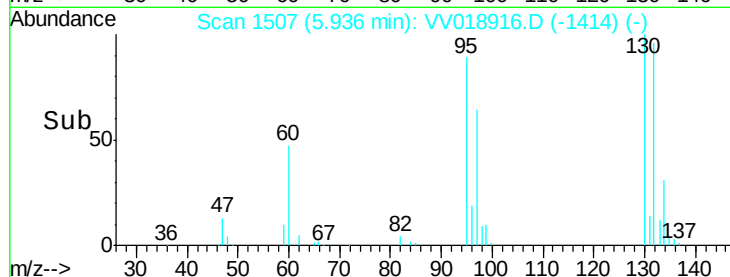
Abundance

Ion 95.00 (94.70 to 95.70): VV018916.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018916.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018916.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018916.D (-1414) (-)



#46

Tetrachloroethene

Concen: 53.780 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018916.D

Acq: 15 Oct 2020 17:26

Tgt Ion: 164 Resp: 109032

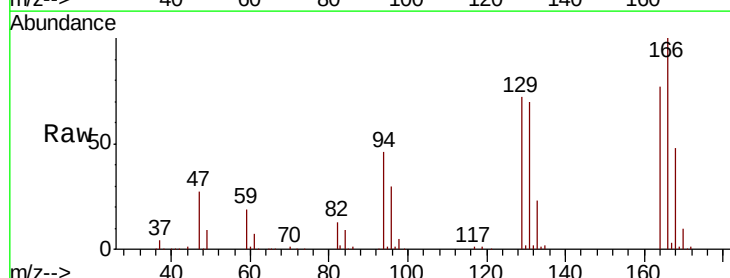
Ion Ratio Lower Upper

164 100

129 92.8 65.0 120.8

131 90.8 62.9 116.7

166 129.1 91.1 169.3



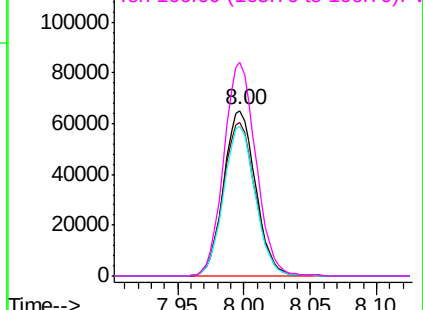
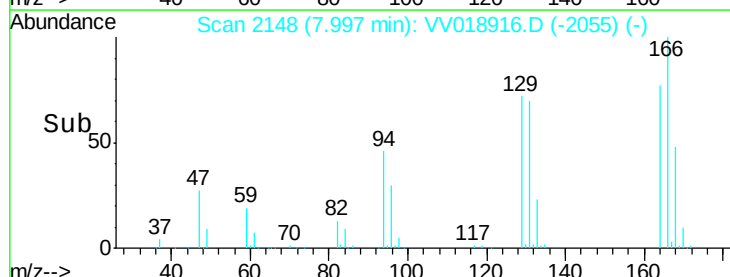
Abundance

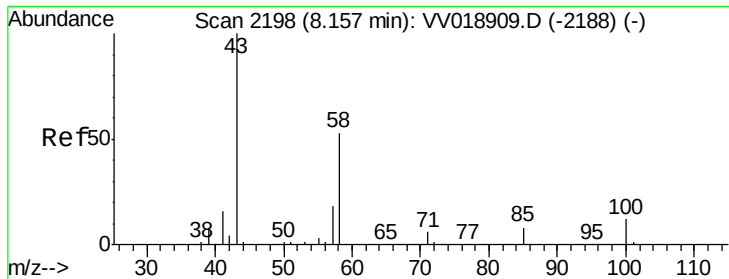
Ion 164.00 (163.70 to 164.70): VV018916.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV018916.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV018916.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV018916.D (-2055) (-)

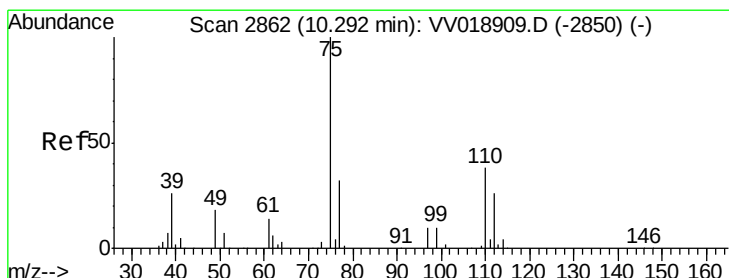
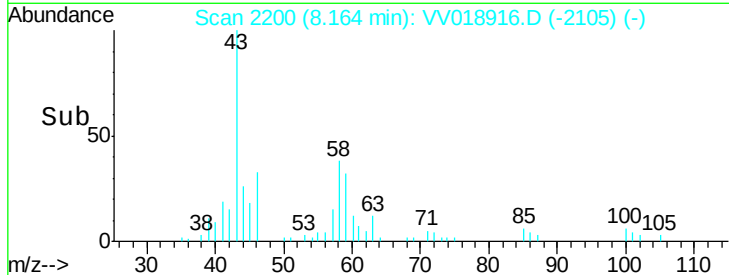
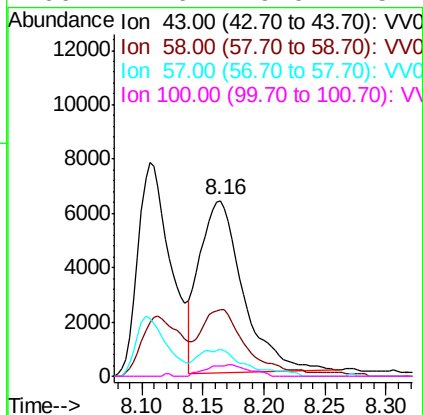
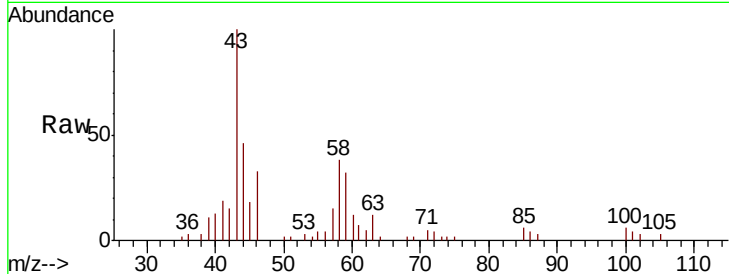




#48
 2-Hexanone
 Concen: 5.401 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018916.D
 Acq: 15 Oct 2020 17:26

Instrument :
 MSVOA_V
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 C0AG5DL

Tot Ion: 43 Resp: 15770
 Ion Ratio Lower Upper
 43 100
 58 33.9 42.5 63.7#
 57 2.4 14.5 21.7#
 100 2.6 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.654 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018916.D
 Acq: 15 Oct 2020 17:26

Tgt Ion: 75 Resp: 18276
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.2

