

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019932.D
 Acq On : 07 Jan 2021 19:22
 Operator : SY/MD
 Sample : M1017-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W9

Quant Time: Jan 08 01:34:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	481291	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	458621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	211333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108669	29.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.36%#
7) Chloroethane-d5	1.57	69	106884	36.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.11	63	184797	26.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.50%#
21) 2-Butanone-d5	3.89	46	276193	100.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.05%
24) Chloroform-d	4.35	84	274546	39.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	5.04	65	197020	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
32) Benzene-d6	5.05	84	488145	36.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.92%
36) 1,2-Dichloropropane-d6	6.07	67	174525	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.38%
41) Toluene-d8	7.32	98	408528	34.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.52%#
43) trans-1,3-Dichloropropene-	7.63	79	72826	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
47) 2-Hexanone-d5	8.09	63	144659	80.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.60%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	244014	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	176242	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

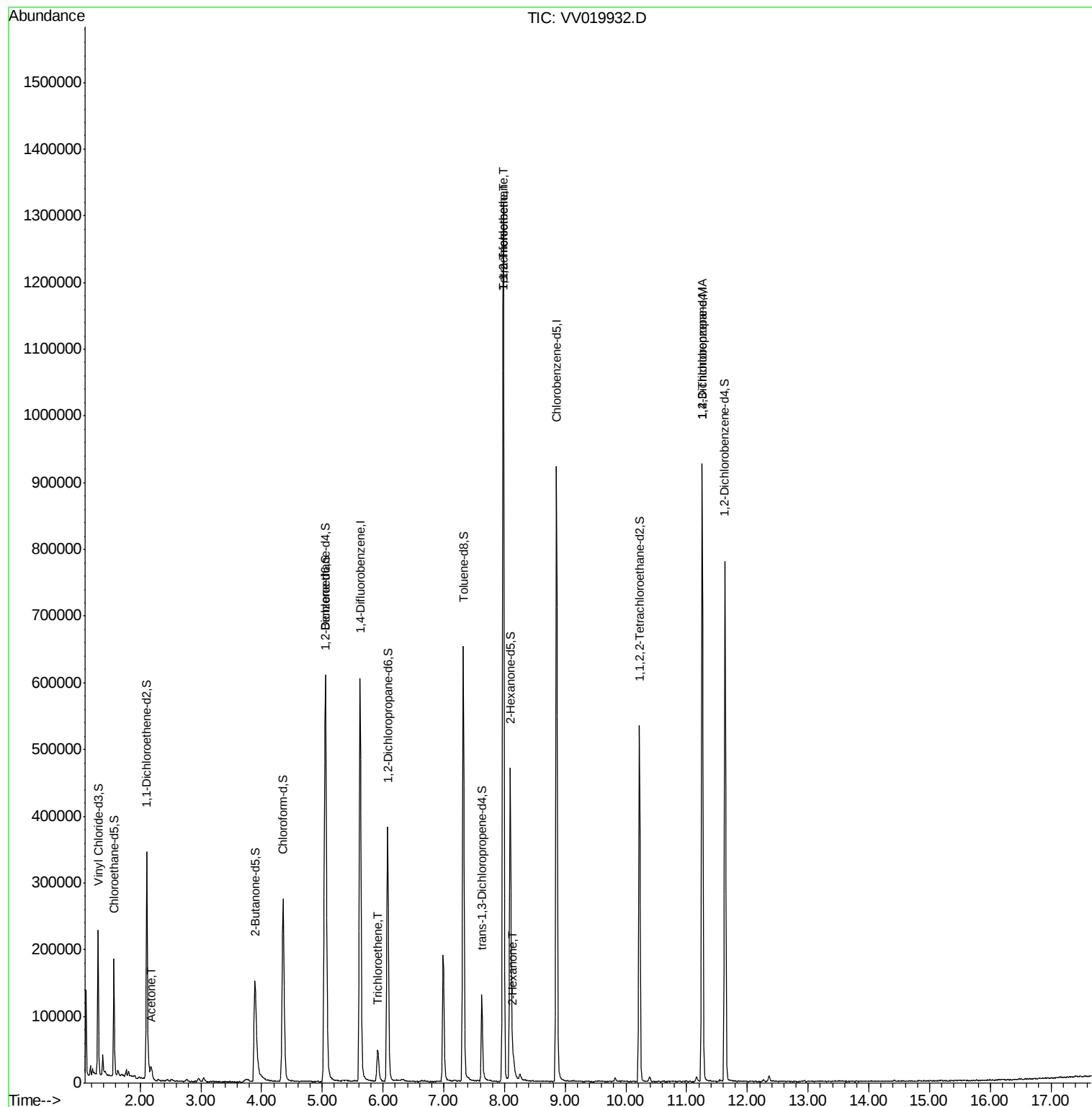
					Ovalue
13) Acetone	2.18	43	28569	13.369	ug/L 98
34) Trichloroethene	5.92	95	6613	1.728	ug/L 93
45) 1,1,2-Trichloroethane	7.98	97	2838	0.799	ug/L # 15
46) Tetrachloroethene	7.98	164	257342	100.697	ug/L 99
48) 2-Hexanone	8.15	43	15356	3.424	ug/L # 89
59) 1,2,3-Trichloropropane	11.25	75	31422	6.381	ug/L 93

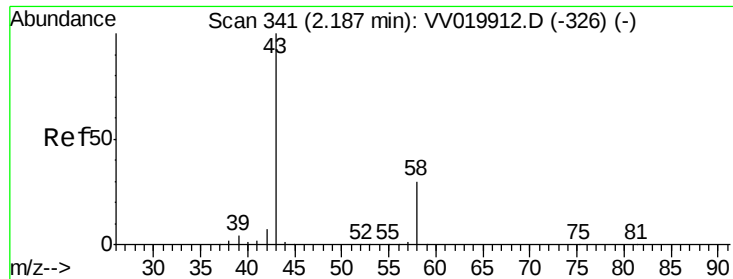
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration





#13

Acetone

Concen: 13.369 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Instrument :

MSVOA_V

ClientSampleId :

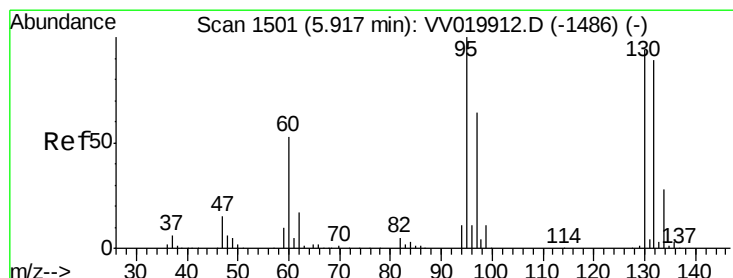
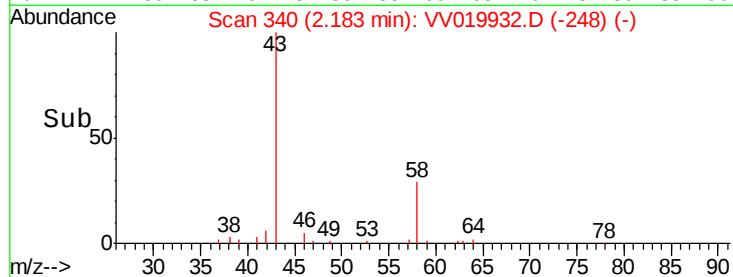
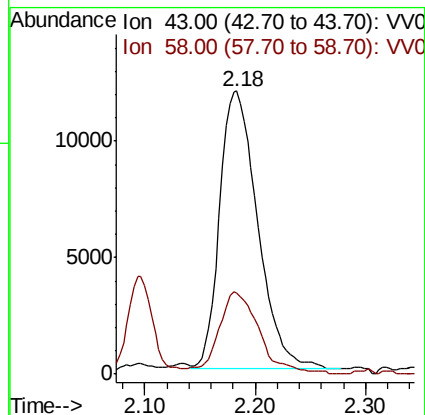
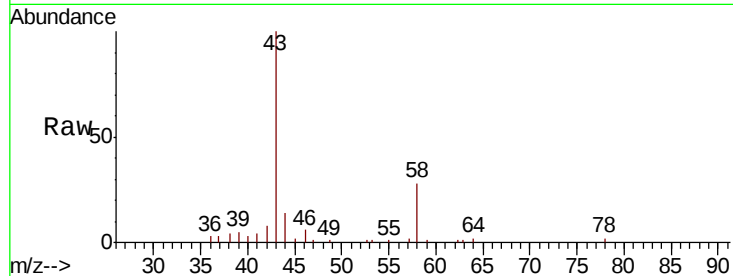
BG4W9

Tot Ion: 43 Resp: 28569

Ion Ratio Lower Upper

43 100

58 29.2 0.0 60.2



#34

Trichloroethene

Concen: 1.728 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Tgt Ion: 95 Resp: 6613

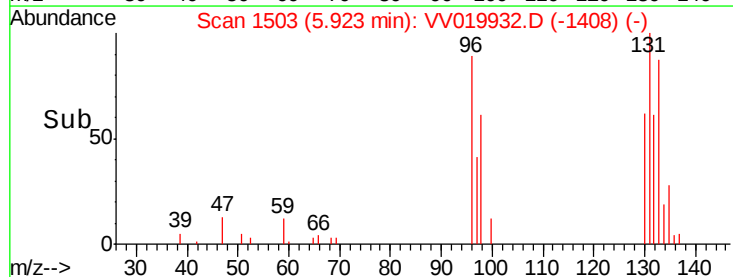
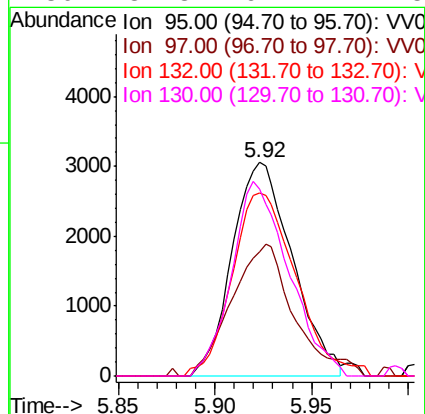
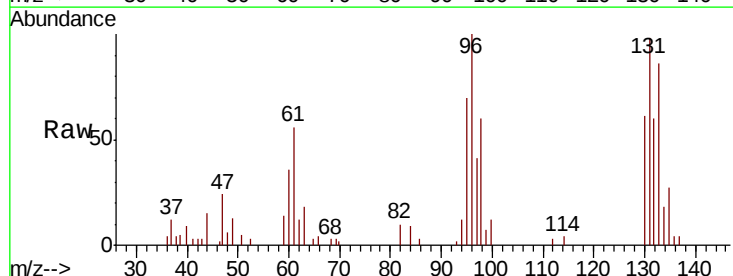
Ion Ratio Lower Upper

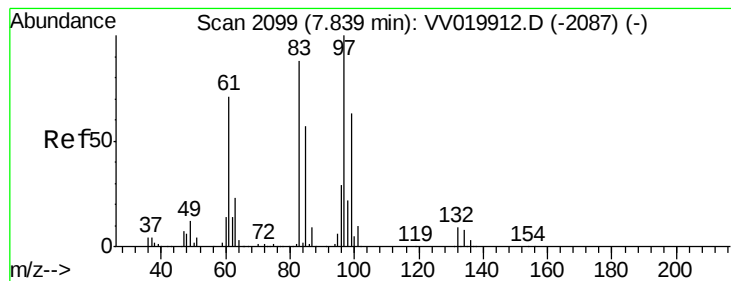
95 100

97 58.1 44.5 82.7

132 85.4 63.4 117.8

130 87.3 67.1 124.5





#45

1,1,2-Trichloroethane

Concen: 0.799 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Instrument :

MSVOA_V

ClientSampleId :

BG4W9

Tot Ion: 97 Resp: 2838

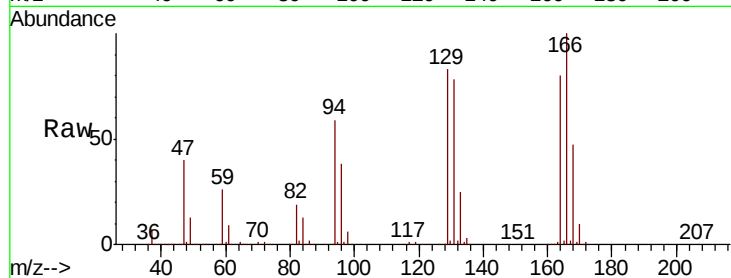
Ion Ratio Lower Upper

97 100

99 17.3 43.8 81.3#

83 227.6 62.2 115.4#

85 45.5 39.0 72.4



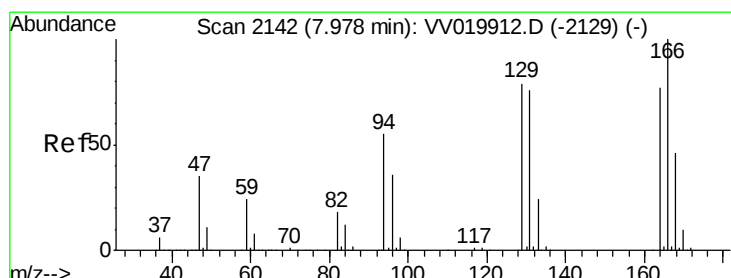
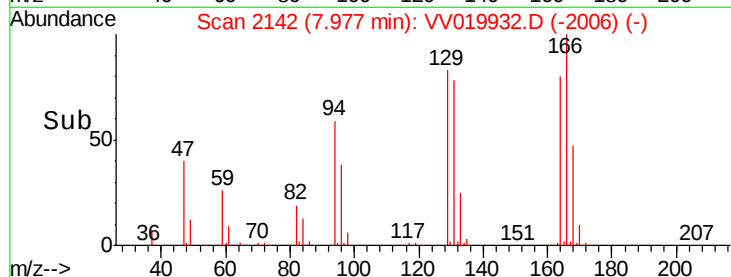
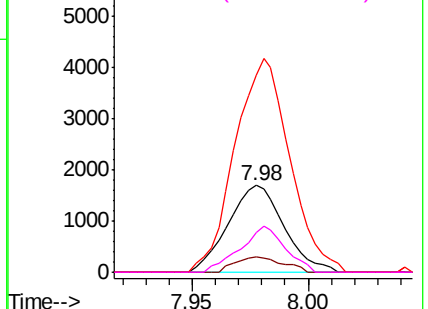
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 100.697 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Tgt Ion: 164 Resp: 257342

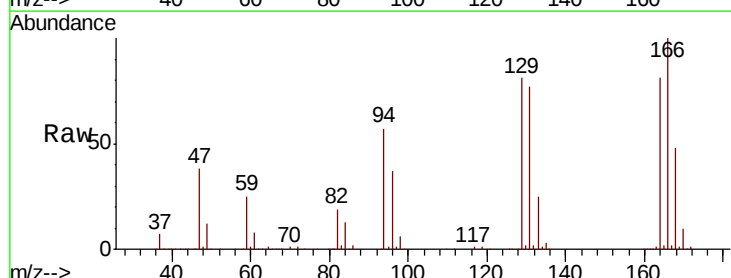
Ion Ratio Lower Upper

164 100

129 100.5 70.6 131.0

131 95.5 66.8 124.0

166 123.5 88.2 163.8



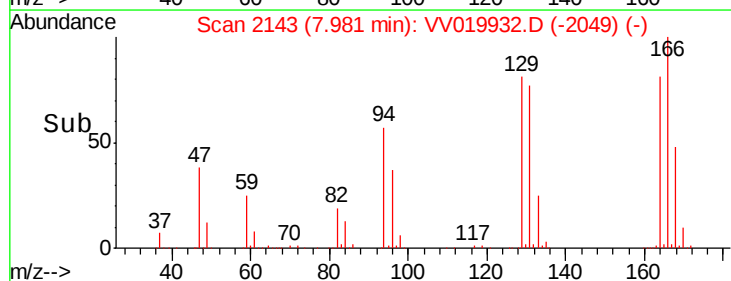
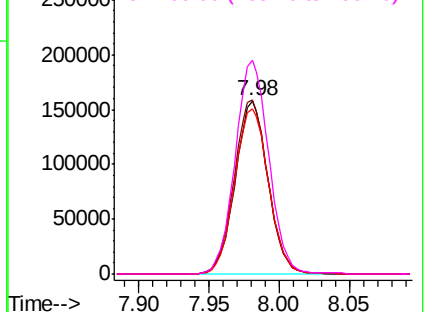
Abundance

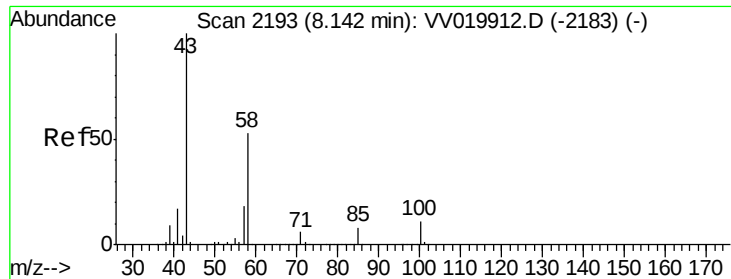
Ion 164.00 (163.70 to 164.70): V

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

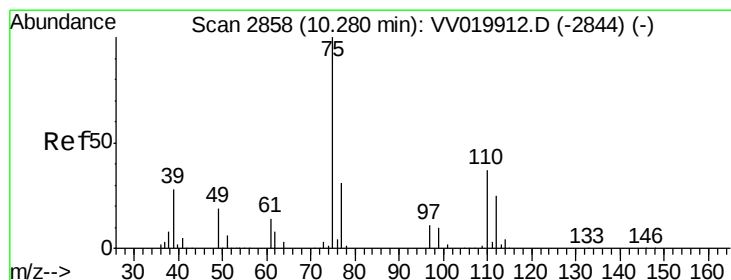
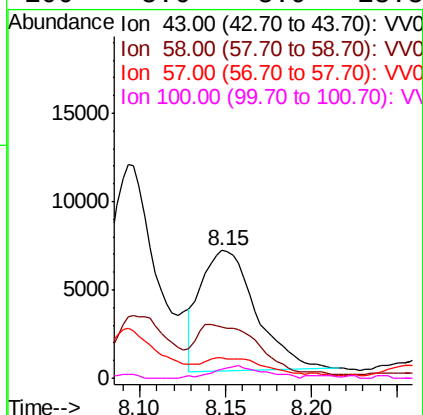
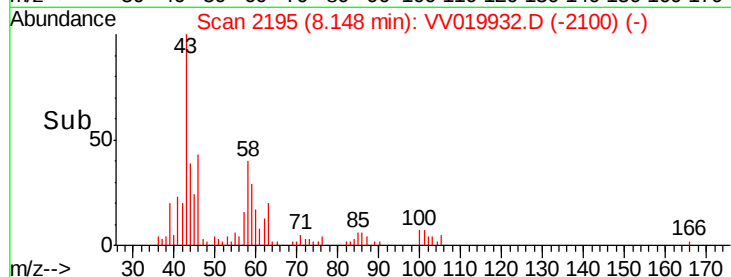
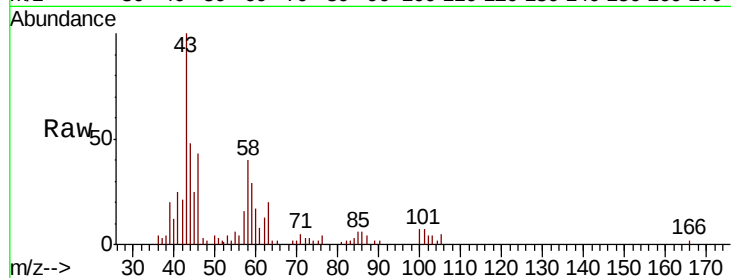




#48
2-Hexanone
Concen: 3.424 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019932.D
Acq: 07 Jan 2021 19:22

Instrument :
MSVOA_V
ClientSampleId :
BG4W9

Tot Ion: 43 Resp: 15356
Ion Ratio Lower Upper
43 100
58 49.9 41.8 62.6
57 2.0 15.0 22.4#
100 8.6 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 6.381 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019932.D
Acq: 07 Jan 2021 19:22

Tgt Ion: 75 Resp: 31422
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.0

