

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018833.D
 Acq On : 10 Oct 2020 15:26
 Operator : SY/MD
 Sample : L4287-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH7

Quant Time: Oct 12 04:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312592	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91006	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.08%
7) Chloroethane-d5	1.58	69	84283	36.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.74%
11) 1,1-Dichloroethene-d2	2.12	63	144133	26.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.64%#
21) 2-Butanone-d5	3.92	46	179720	103.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.05%
24) Chloroform-d	4.38	84	207354	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.76%
26) 1,2-Dichloroethane-d4	5.06	65	147315	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
32) Benzene-d6	5.08	84	393123	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.12%
36) 1,2-Dichloropropane-d6	6.09	67	135707	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.76%
41) Toluene-d8	7.34	98	337027	38.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.42%#
43) trans-1,3-Dichloropropene-	7.64	79	58384	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.72%
47) 2-Hexanone-d5	8.11	63	92865	81.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146463	39.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	150534	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

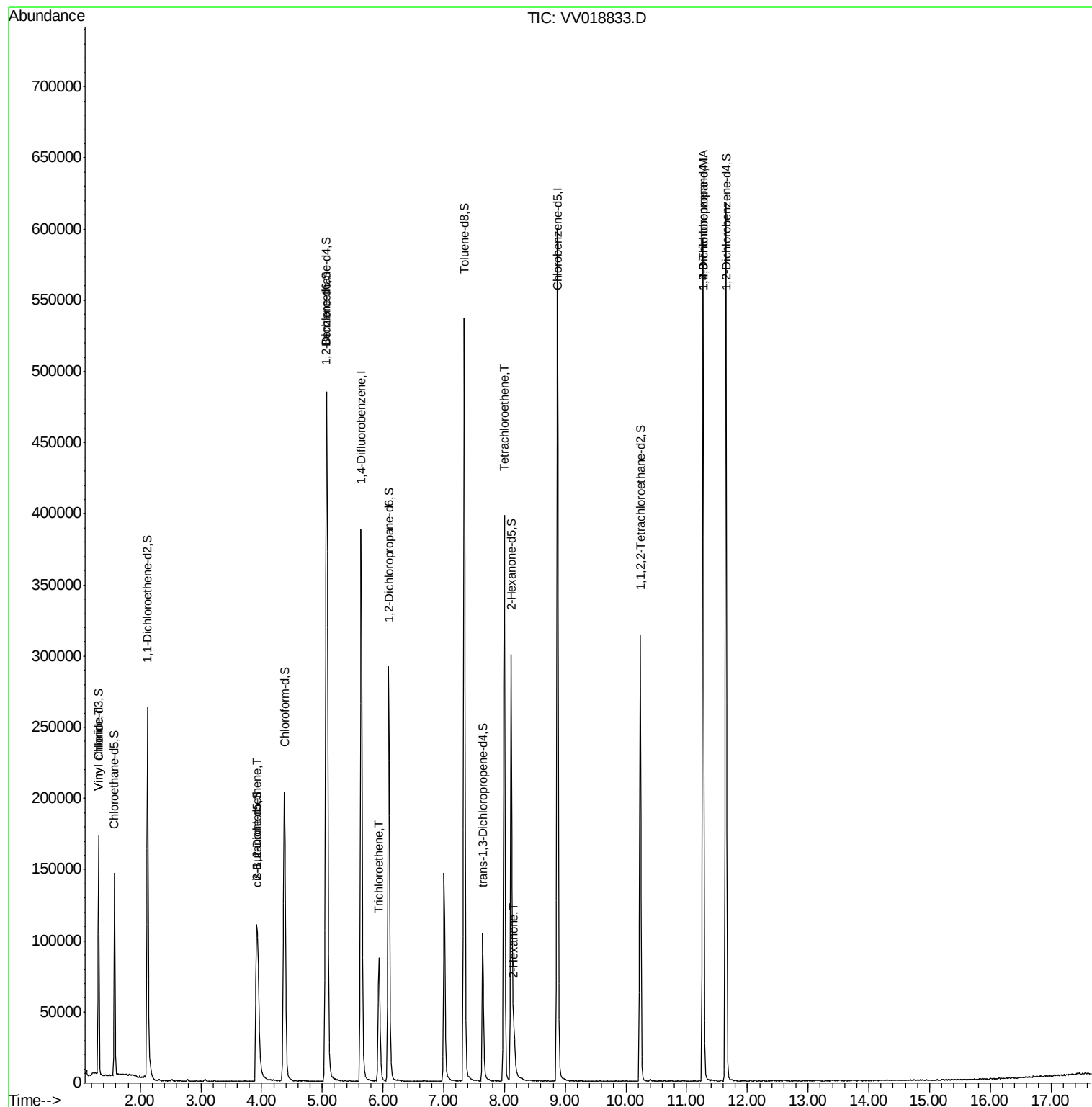
					Ovalue
5) Vinyl chloride	1.32	62	6977	2.528 ug/L #	76
20) cis-1,2-Dichloroethene	3.94	96	21629	8.962 ug/L	98
34) Trichloroethene	5.94	95	19278	6.838 ug/L	98
46) Tetrachloroethene	8.00	164	84874	41.077 ug/L	97
48) 2-Hexanone	8.16	43	16213	5.873 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	17844	5.573 ug/L	92

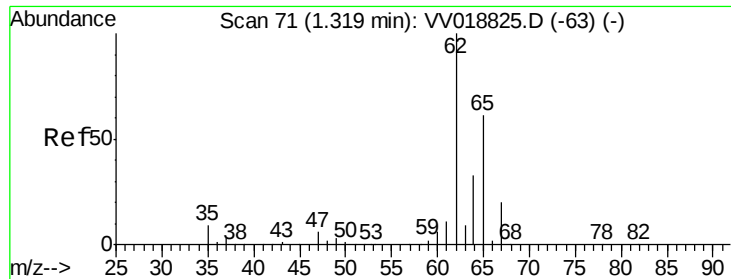
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.528 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018833.D

Acq: 10 Oct 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

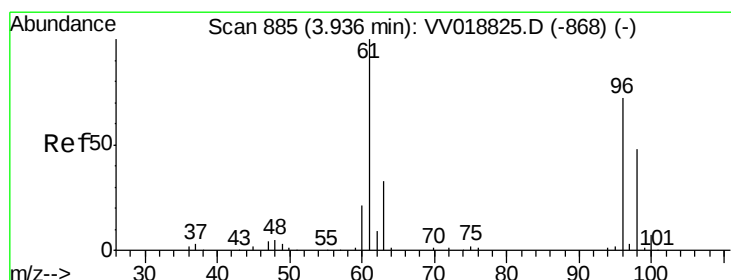
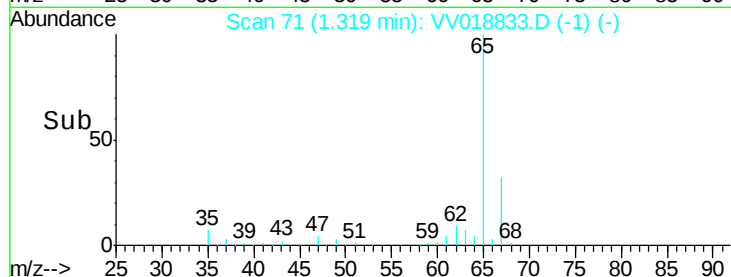
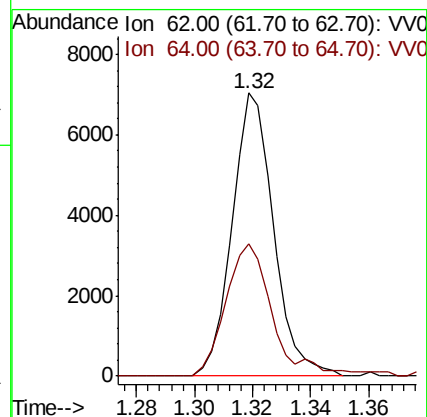
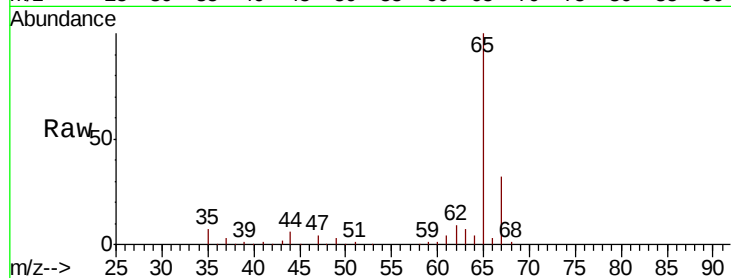
C0AH7

Tot Ion: 62 Resp: 6977

Ion Ratio Lower Upper

62 100

64 46.7 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 8.962 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018833.D

Acq: 10 Oct 2020 15:26

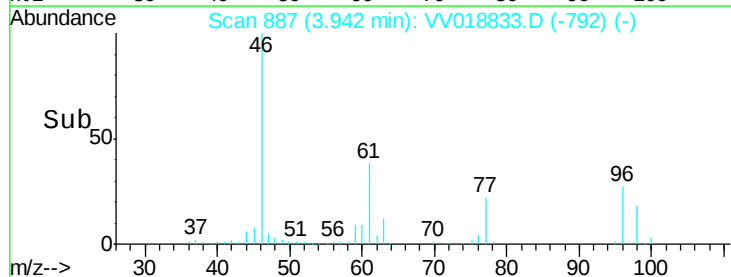
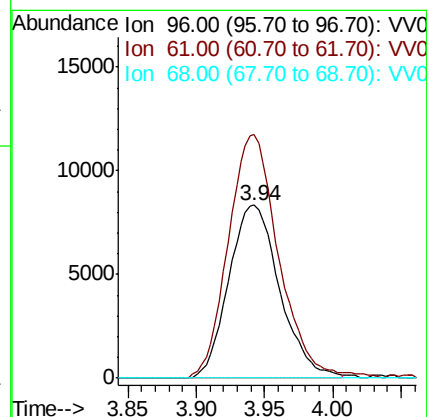
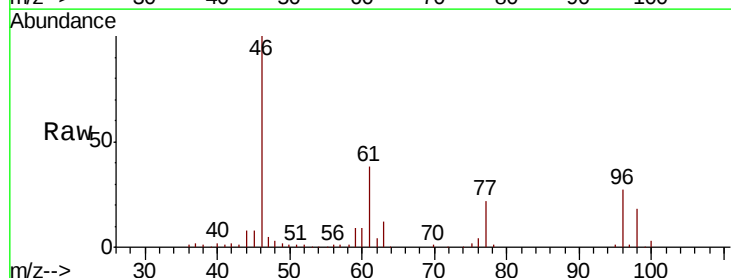
Tgt Ion: 96 Resp: 21629

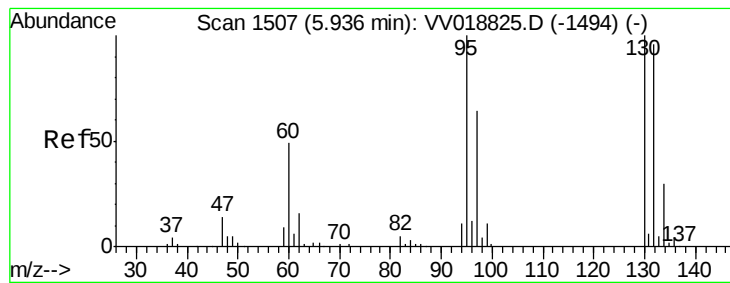
Ion Ratio Lower Upper

96 100

61 141.0 97.3 180.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.838 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018833.D

Acq: 10 Oct 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

C0AH7

Tot Ion: 95 Resp: 19278

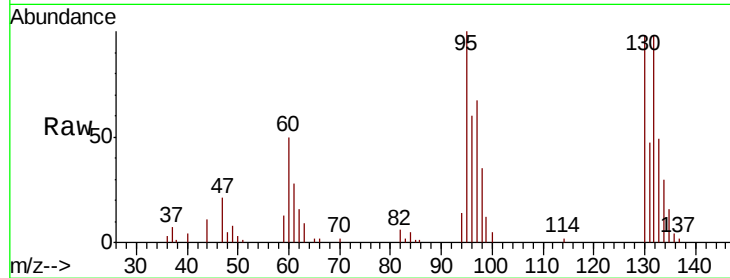
Ion Ratio Lower Upper

95 100

97 66.6 45.1 83.9

132 97.6 66.2 123.0

130 97.7 69.1 128.3

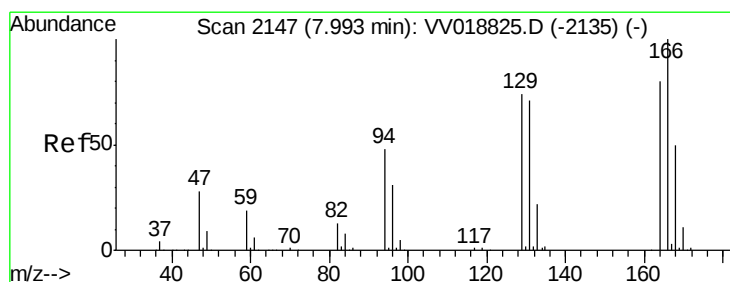
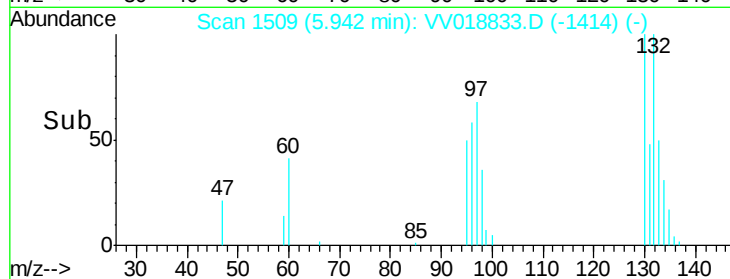
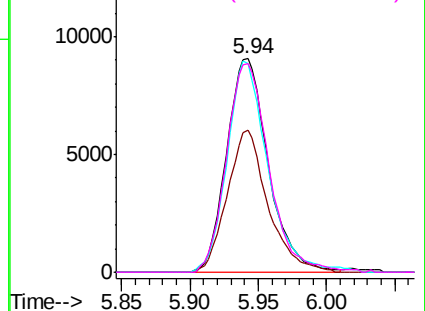


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 41.077 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018833.D

Acq: 10 Oct 2020 15:26

Tgt Ion: 164 Resp: 84874

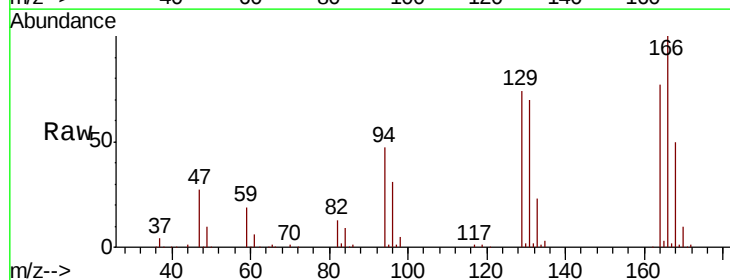
Ion Ratio Lower Upper

164 100

129 96.1 64.6 120.0

131 91.0 63.6 118.0

166 130.4 88.3 164.1

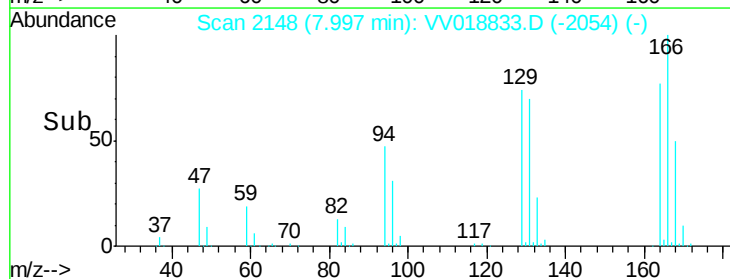
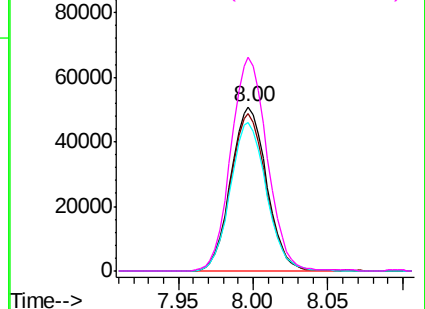


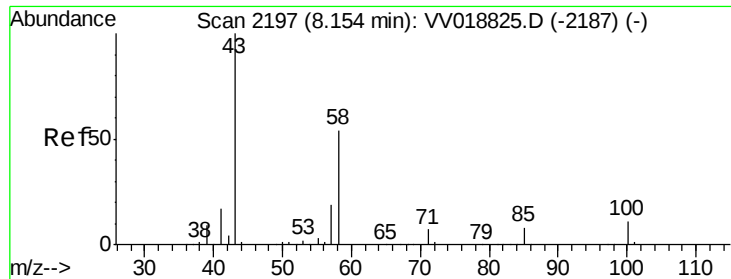
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

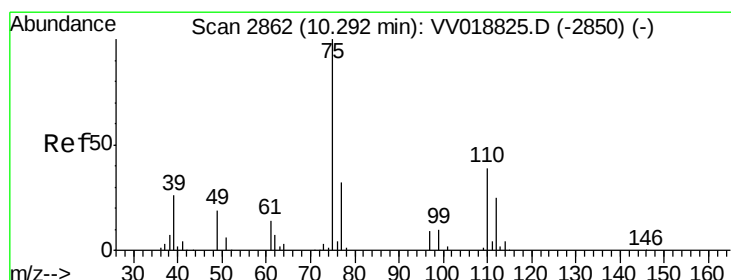
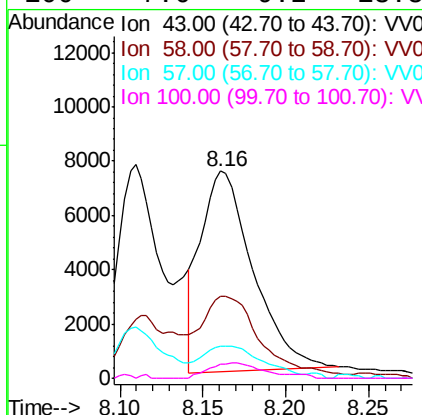
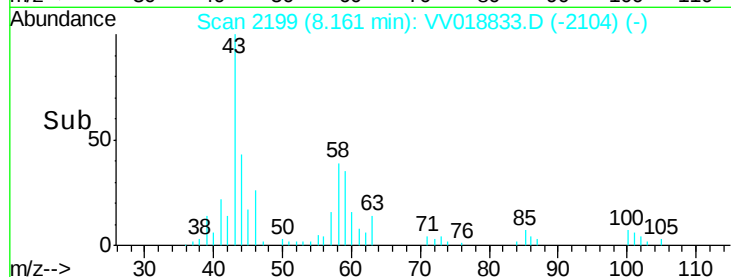
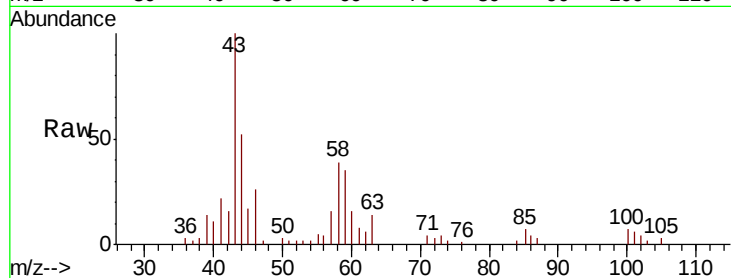




#48
 2-Hexanone
 Concen: 5.873 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018833.D
 Acq: 10 Oct 2020 15:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH7

Tot Ion: 43 Resp: 16213
 Ion Ratio Lower Upper
 43 100
 58 33.4 41.8 62.8#
 57 18.8 14.9 22.3
 100 7.6 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.573 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018833.D
 Acq: 10 Oct 2020 15:26

Tgt Ion: 75 Resp: 17844
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.9 38.9

