

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014811.D
 Acq On : 10 Mar 2020 19:02
 Operator : SY/MD
 Sample : L1858-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:51:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	396895	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93576	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.68%
7) Chloroethane-d5	1.58	69	80453	37.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.78%
11) 1,1-Dichloroethene-d2	2.12	63	126970	28.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.90%#
21) 2-Butanone-d5	3.93	46	175675	87.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	4.38	84	222941	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
26) 1,2-Dichloroethane-d4	5.06	65	152849	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
32) Benzene-d6	5.08	84	451697	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
36) 1,2-Dichloropropane-d6	6.10	67	142368	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.34	98	425064	42.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.86%
43) trans-1,3-Dichloropropene-	7.64	79	64736	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.12	63	140009	94.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	206419	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	176374	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

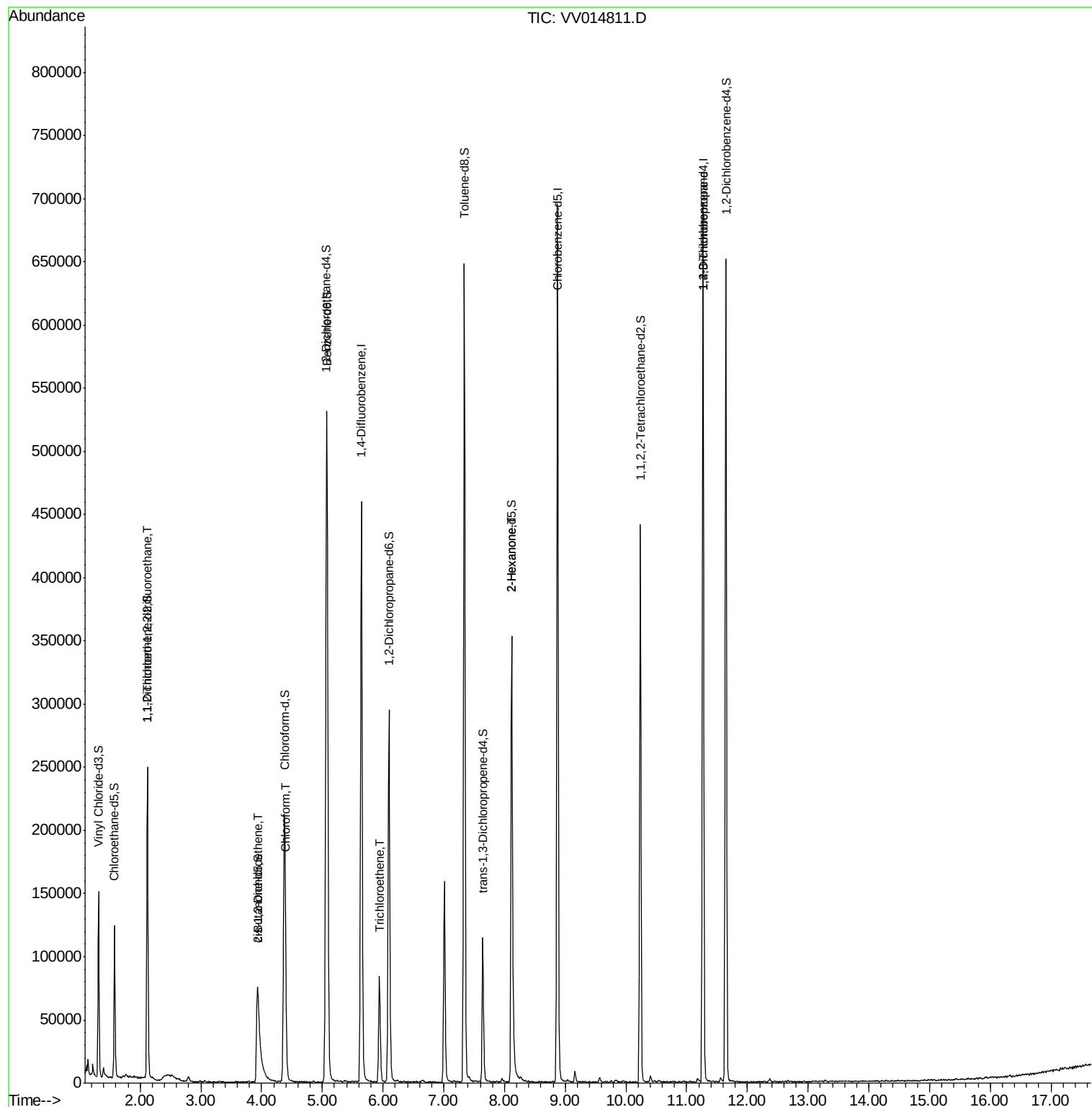
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1578	0.716 ug/L #	21
20) cis-1,2-Dichloroethene	3.94	96	2698	0.906 ug/L	72
25) Chloroform	4.40	83	7687	1.426 ug/L	82
34) Trichloroethene	5.94	95	28704	9.903 ug/L	96
48) 2-Hexanone	8.12	43	17435	5.104 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	19830	5.181 ug/L	95

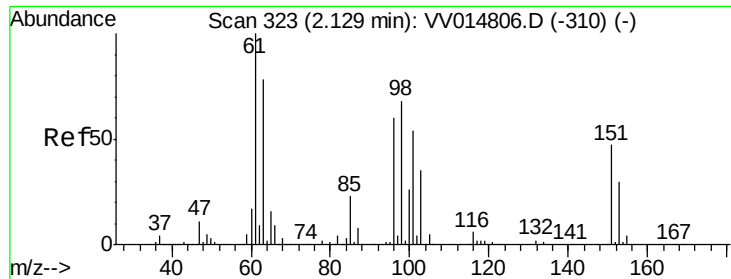
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration





#10

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

Concen: 0.716 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014811.D

Acq: 10 Mar 2020 19:02

Instrument :

MSVOA_V

ClientSampled :

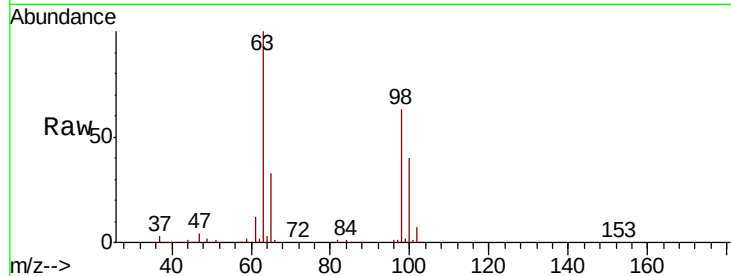
Tot Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 9.4 35.0 52.6#

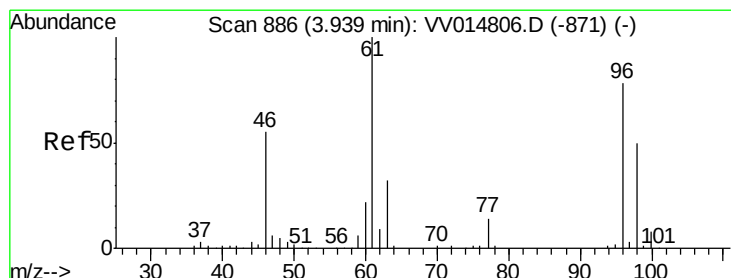
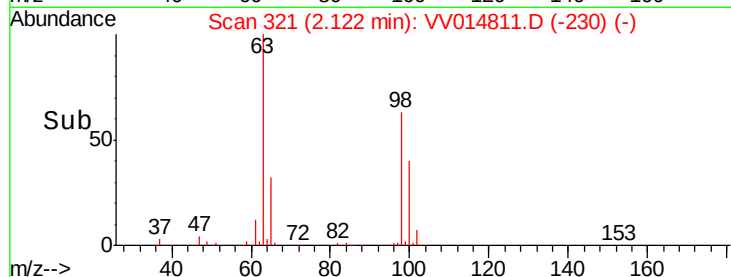
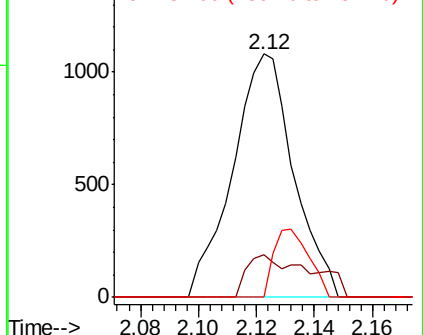
151 0.0 66.4 99.6#



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: 0.906 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV014811.D

Acq: 10 Mar 2020 19:02

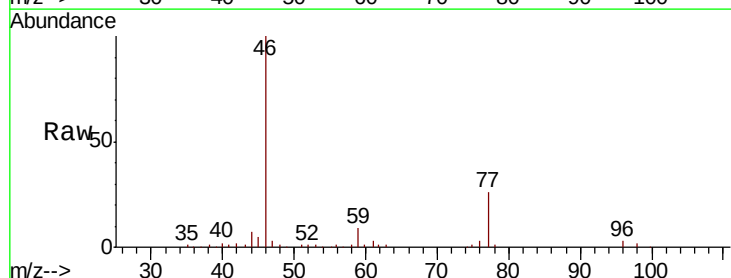
Tgt Ion: 96 Resp: 2698

Ion Ratio Lower Upper

96 100

61 98.6 92.2 171.2

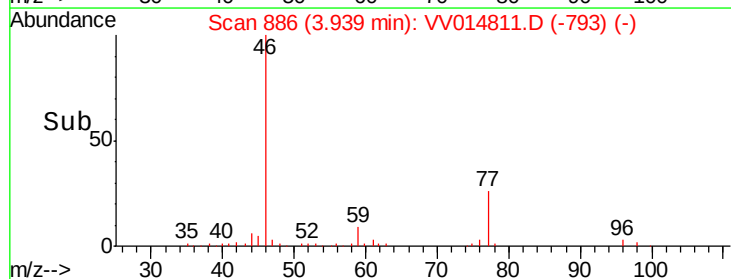
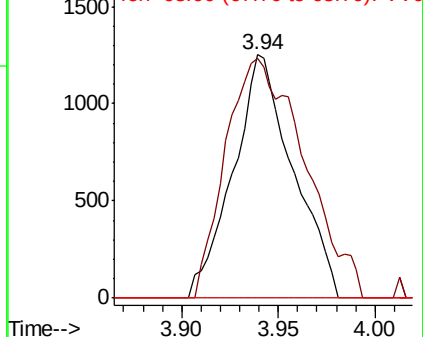
68 0.0 0.0 0.0

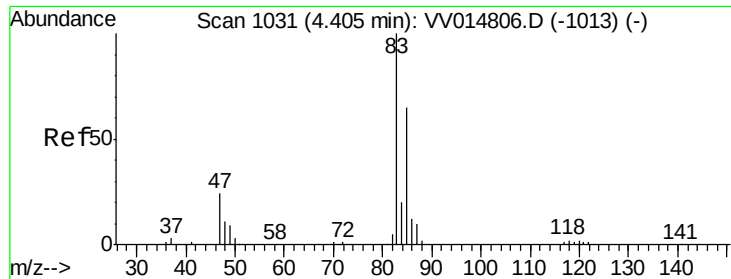


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

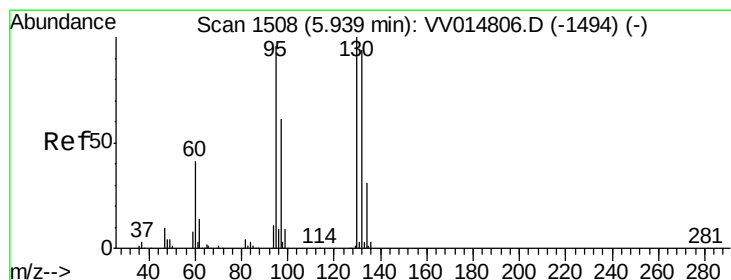
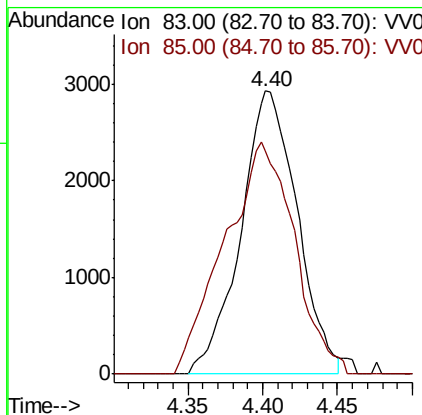
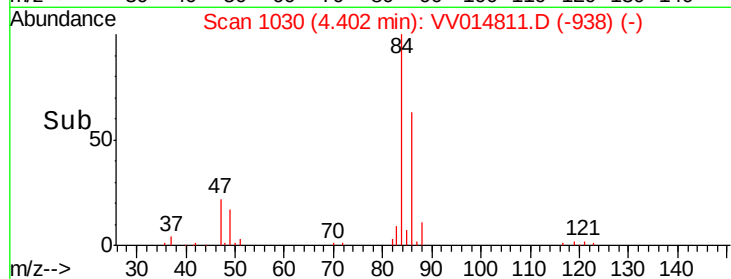
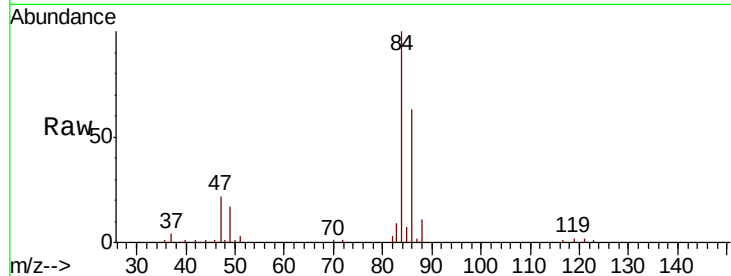




#25
Chloroform
Concen: 1.426 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV014811.D
Acq: 10 Mar 2020 19:02

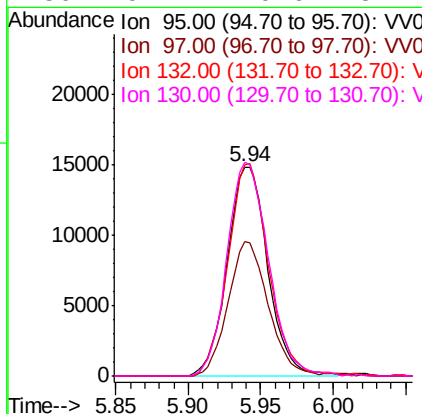
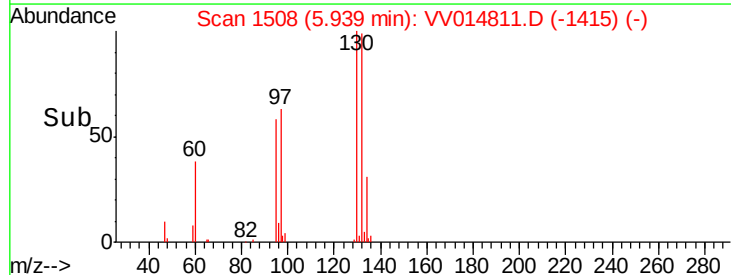
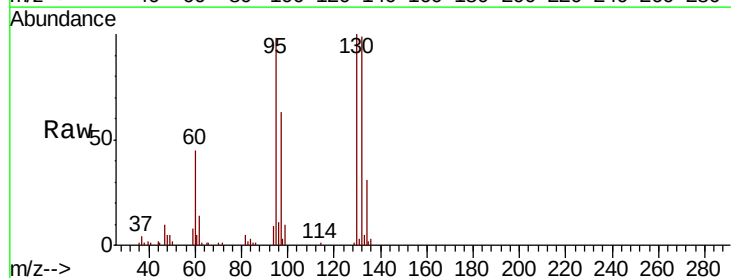
Instrument :
MSVOA_V
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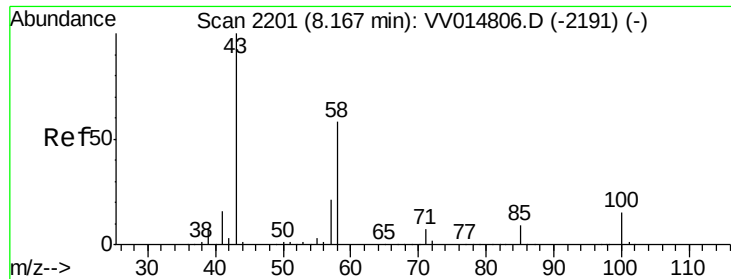
Tot Ion: 83 Resp: 7687
Ion Ratio Lower Upper
83 100
85 78.9 45.1 83.9



#34
Trichloroethene
Concen: 9.903 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV014811.D
Acq: 10 Mar 2020 19:02

Tgt Ion: 95 Resp: 28704
Ion Ratio Lower Upper
95 100
97 64.5 43.8 81.4
132 101.2 65.8 122.2
130 102.2 70.6 131.2

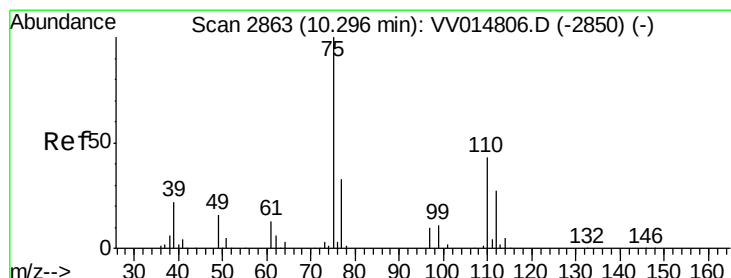
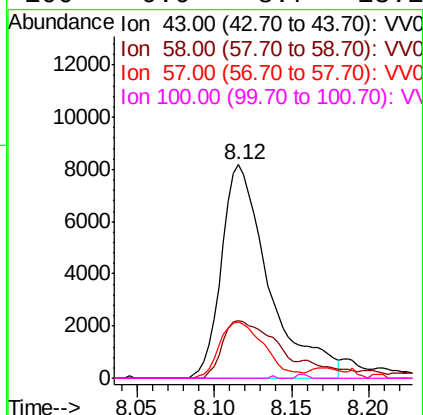
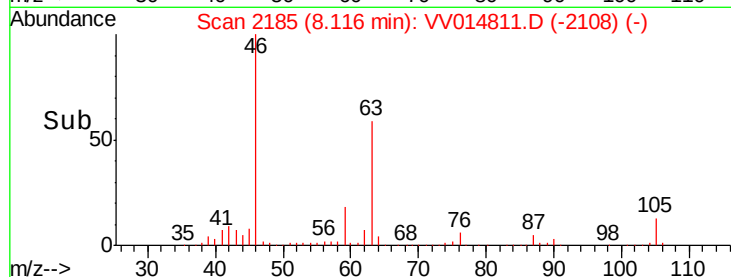
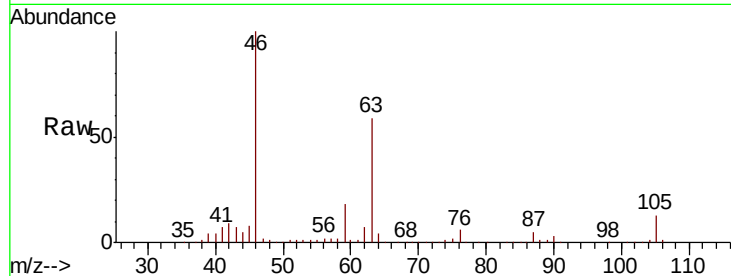




#48
2-Hexanone
Concen: 5.104 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014811.D
Acq: 10 Mar 2020 19:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.5	43.3	64.9#
57	25.3	15.6	23.4#
100	0.0	8.7	13.1#



#59
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV014811.D
Acq: 10 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.6	38.4

