

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014791.D
 Acq On : 10 Mar 2020 10:26
 Operator : SY/MD
 Sample : VV0310WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 01:59:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	407335	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	395043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116708	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.68%
7) Chloroethane-d5	1.58	69	94784	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.98%
11) 1,1-Dichloroethene-d2	2.12	63	152431	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	3.94	46	200236	97.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.38	84	251091	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	173576	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.08	84	527291	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
36) 1,2-Dichloropropane-d6	6.10	67	164890	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.38%
41) Toluene-d8	7.34	98	491789	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.64	79	77121	45.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.38%
47) 2-Hexanone-d5	8.12	63	160416	104.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	228067	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	200462	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

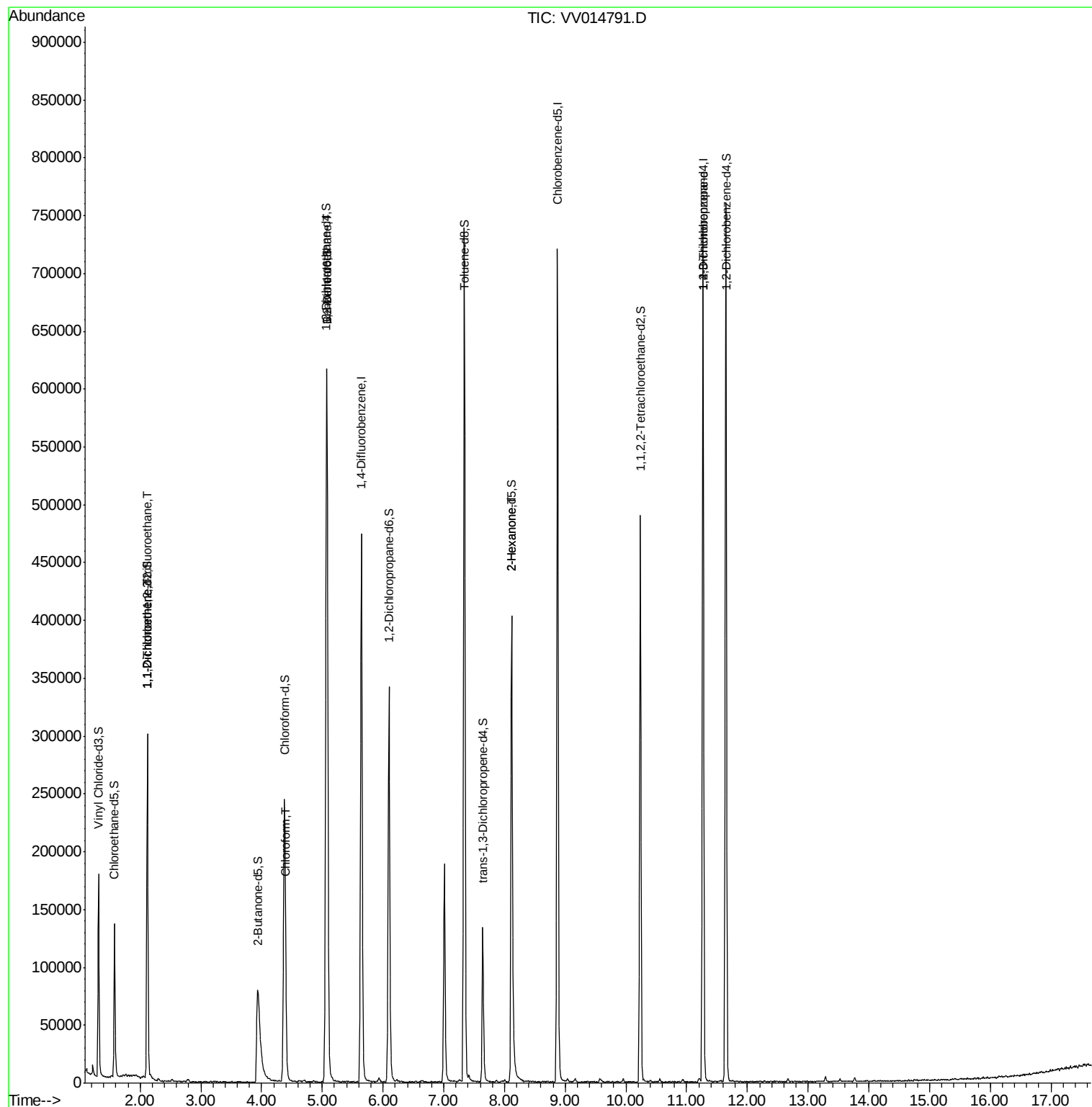
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1998	0.883 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1743	0.788 ug/L #	1
25) Chloroform	4.41	83	8291	1.499 ug/L	87
27) 1,2-Dichloroethane	5.08	62	3092	0.721 ug/L	96
48) 2-Hexanone	8.12	43	17480	4.959 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	21519	5.448 ug/L	97

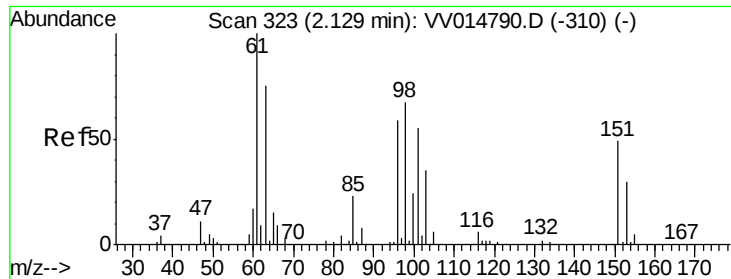
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 11 01:57:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.883 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014791.D

Acq: 10 Mar 2020 10:26

Instrument :

MSVOA_V

ClientSampleId :

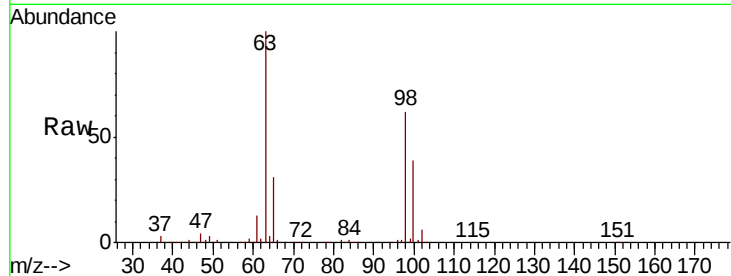
Tot Ion:101 Resp: 1998

Ion Ratio Lower Upper

101 100

85 11.1 35.0 52.6#

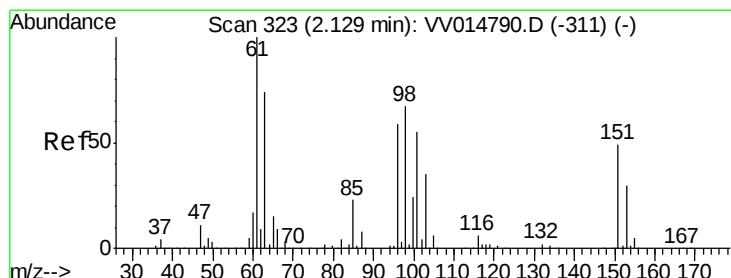
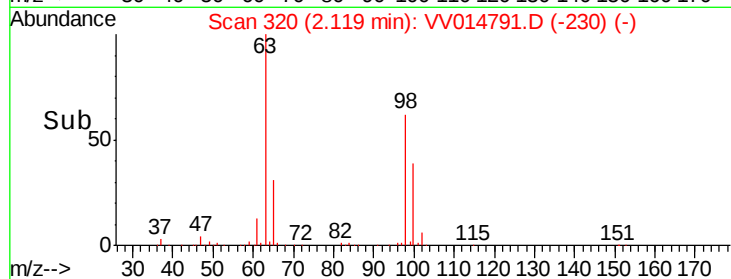
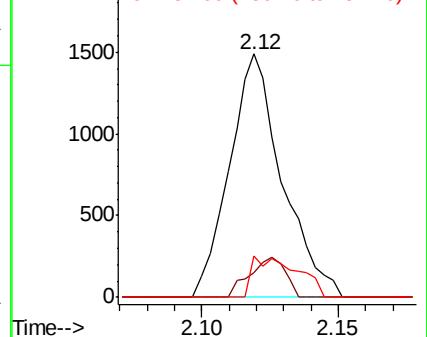
151 4.3 66.4 99.6#



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



#12

1,1-Dichloroethene

Concen: 0.788 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV014791.D

Acq: 10 Mar 2020 10:26

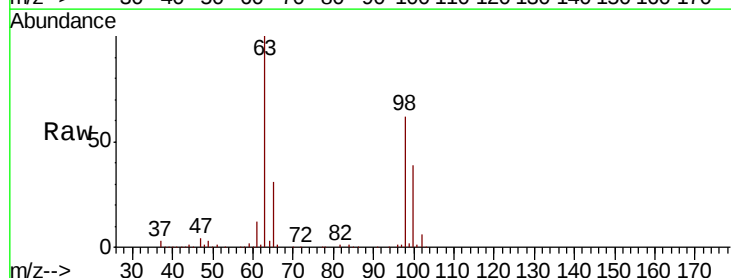
Tgt Ion: 96 Resp: 1743

Ion Ratio Lower Upper

96 100

61 1224.2 118.4 220.0#

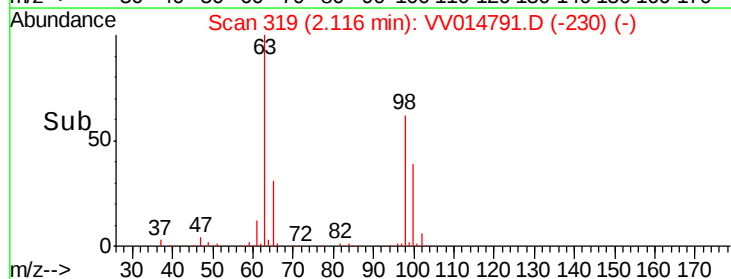
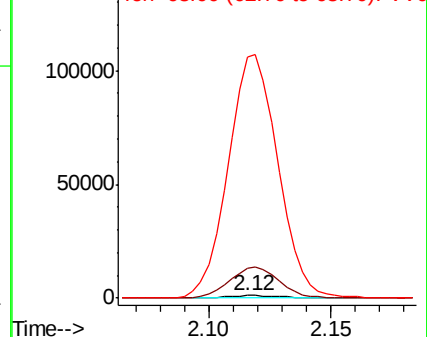
63 10003.8 88.4 164.2#

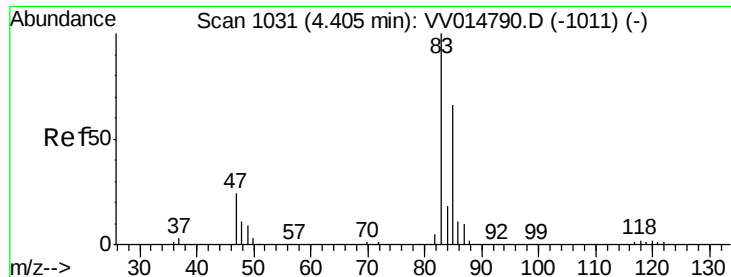


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

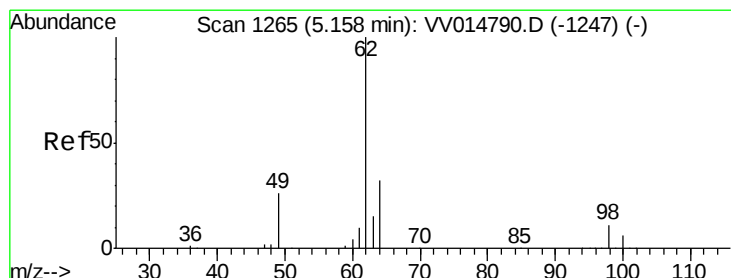
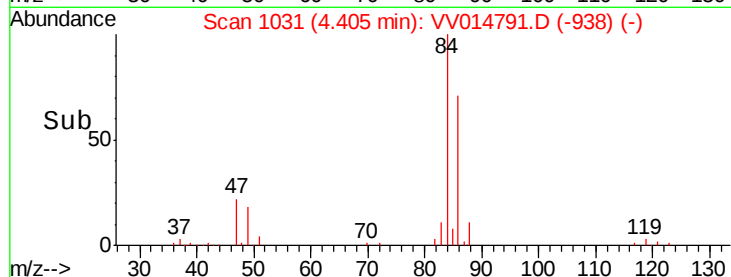
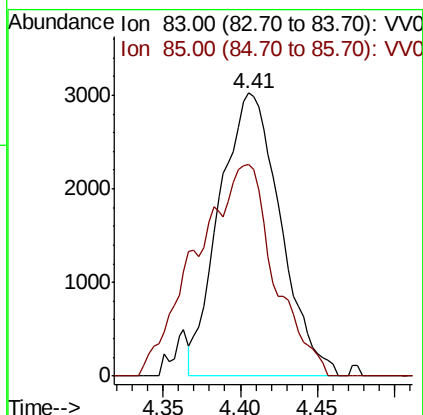
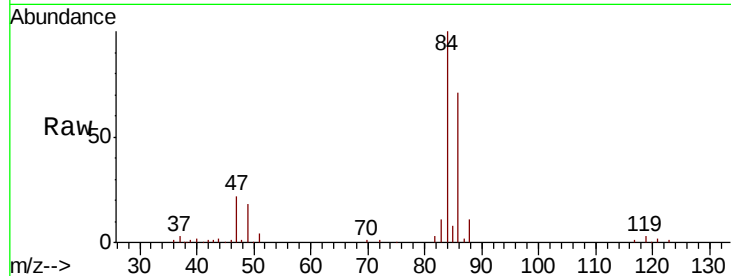




#25
Chloroform
Concen: 1.499 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV014791.D
Acq: 10 Mar 2020 10:26

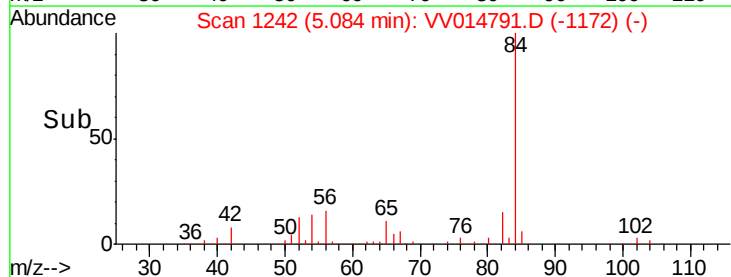
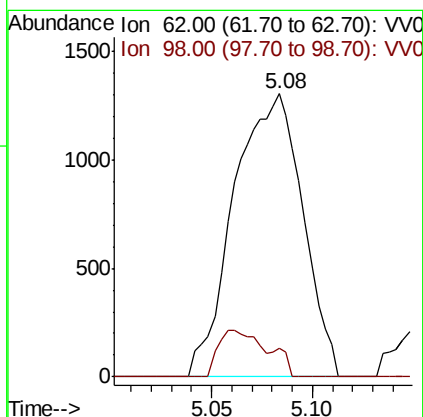
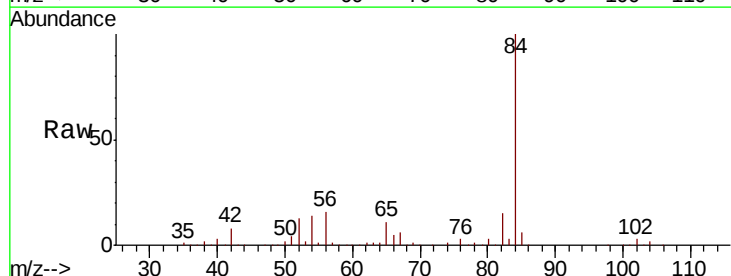
Instrument :
MSVOA_V
ClientSampleId :

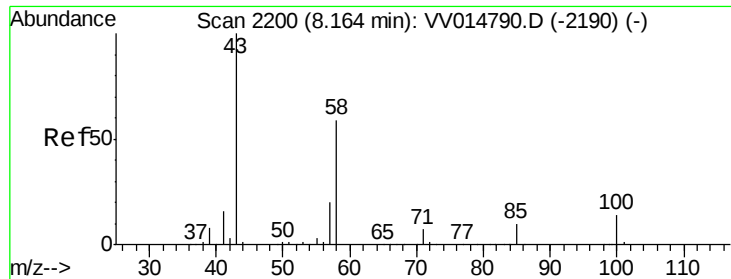
Tot Ion: 83 Resp: 8291
Ion Ratio Lower Upper
83 100
85 74.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.721 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.07 min
Lab File: VV014791.D
Acq: 10 Mar 2020 10:26

Tgt Ion: 62 Resp: 3092
Ion Ratio Lower Upper
62 100
98 10.4 7.2 10.8

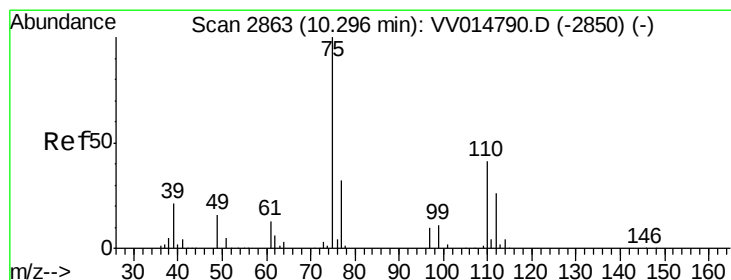
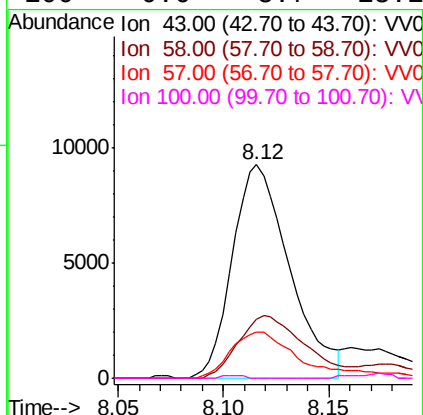
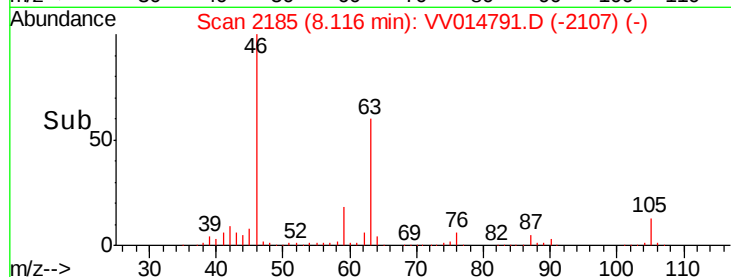
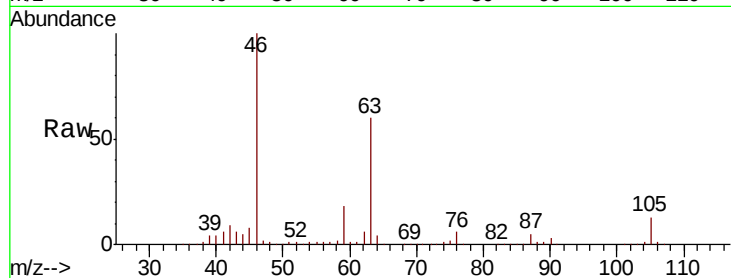




#48
2-Hexanone
Concen: 4.959 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014791.D
Acq: 10 Mar 2020 10:26

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 17480
Ion Ratio Lower Upper
43 100
58 34.0 43.3 64.9#
57 26.1 15.6 23.4#
100 0.6 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.448 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV014791.D
Acq: 10 Mar 2020 10:26

Tgt Ion: 75 Resp: 21519
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4

