

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014826.D
 Acq On : 11 Mar 2020 01:06
 Operator : SY/MD
 Sample : L1840-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:53:19 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	475019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	452059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	223865	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106873	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.50%
7) Chloroethane-d5	1.58	69	94583	37.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.44%
11) 1,1-Dichloroethene-d2	2.12	63	141936	26.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.14%#
21) 2-Butanone-d5	3.92	46	175852	73.35	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.35%
24) Chloroform-d	4.38	84	251534	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	5.06	65	163428	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.06%
32) Benzene-d6	5.08	84	518160	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
36) 1,2-Dichloropropane-d6	6.10	67	163670	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.74%
41) Toluene-d8	7.34	98	495869	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.64	79	73523	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.12	63	180250	102.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	240598	44.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	208152	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

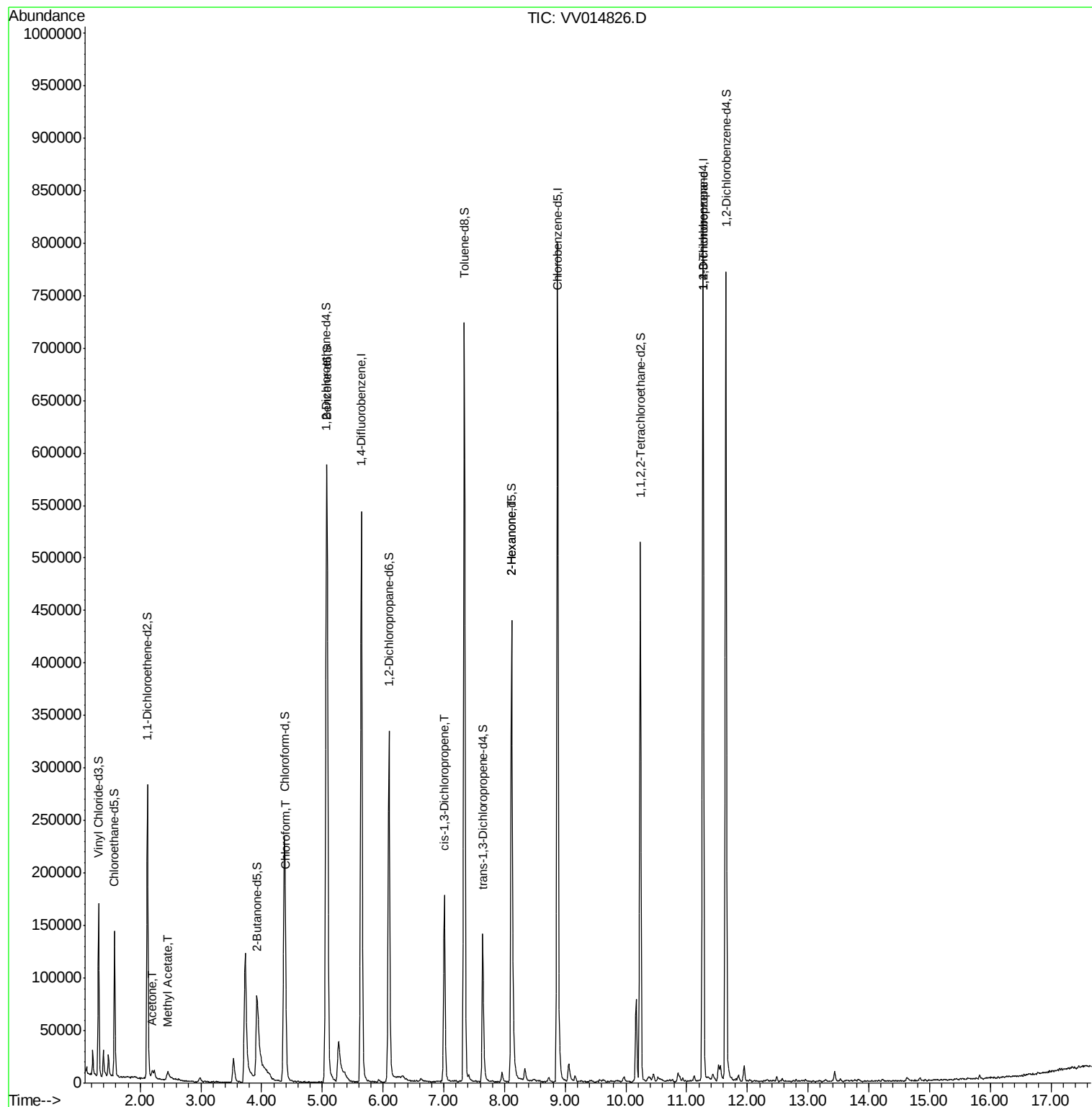
					Ovalue
13) Acetone	2.20	43	13292	6.640 ug/L	91
15) Methyl Acetate	2.46	43	6369	1.694 ug/L	91
25) Chloroform	4.40	83	6058	0.939 ug/L #	71
39) cis-1,3-Dichloropropene	7.01	75	3891	0.701 ug/L #	61
48) 2-Hexanone	8.11	43	26094	6.469 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	22821	5.049 ug/L	92

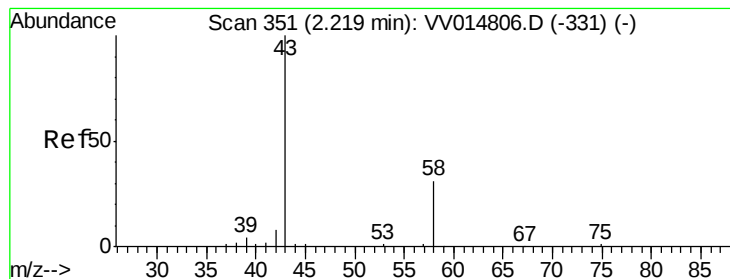
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 6.640 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV014826.D

Acq: 11 Mar 2020 01:06

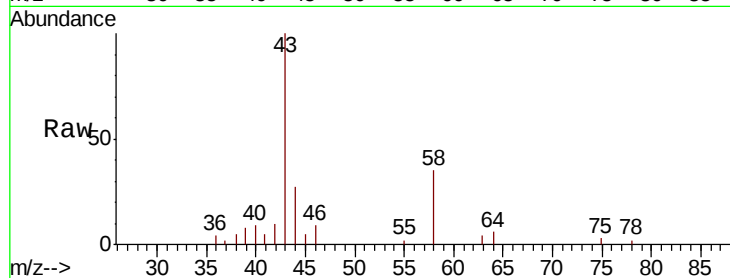
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 13292

Ion Ratio Lower Upper

43 100

58 26.0 0.0 62.2



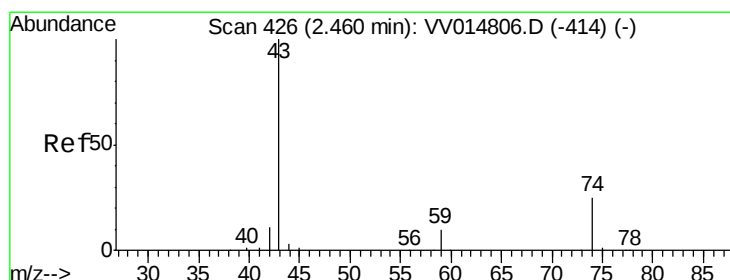
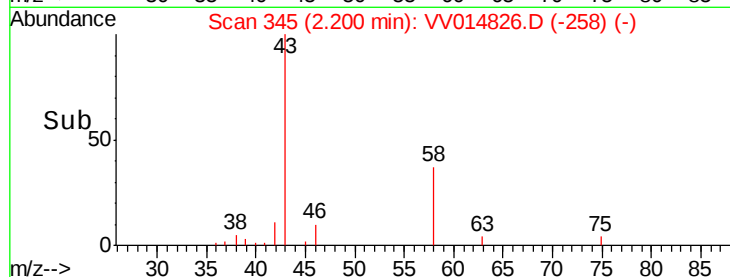
Abundance Ion 43.00 (42.70 to 43.70): VV014806.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014806.D (-331) (-)

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 1.694 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

Lab File: VV014826.D

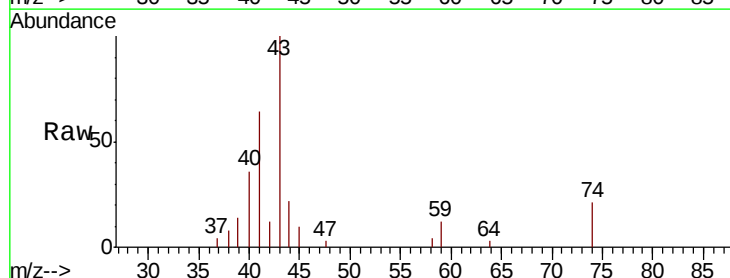
Acq: 11 Mar 2020 01:06

Tgt Ion: 43 Resp: 6369

Ion Ratio Lower Upper

43 100

74 26.6 17.9 26.9



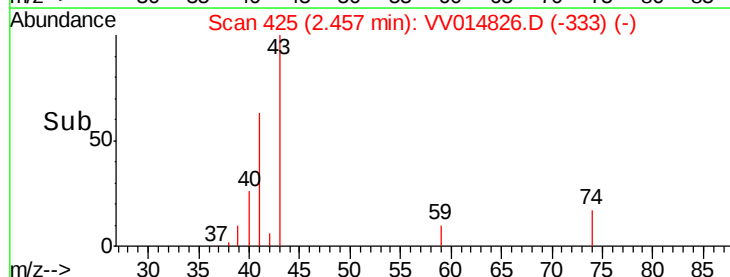
Abundance Ion 43.00 (42.70 to 43.70): VV014806.D (-414) (-)

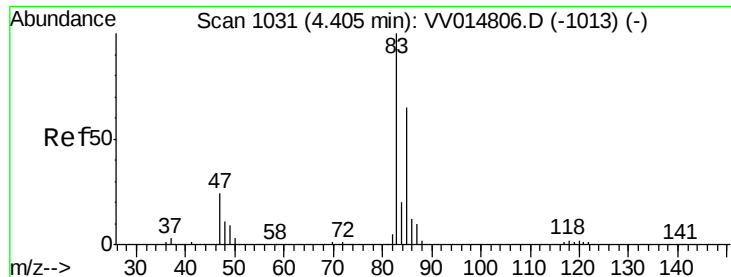
Ion 74.00 (73.70 to 74.70): VV014806.D (-414) (-)

2.46

2.50

Time-->

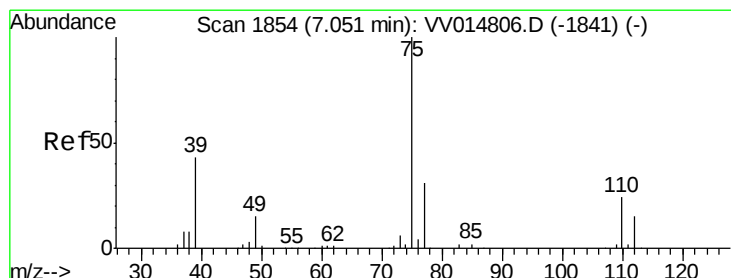
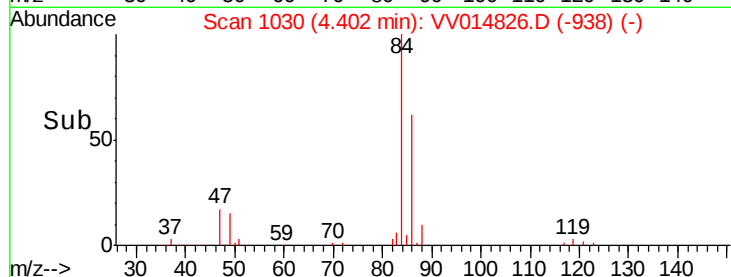
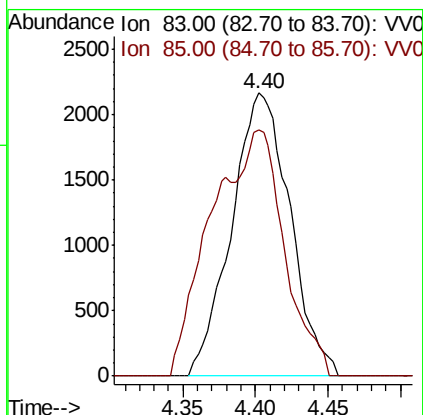
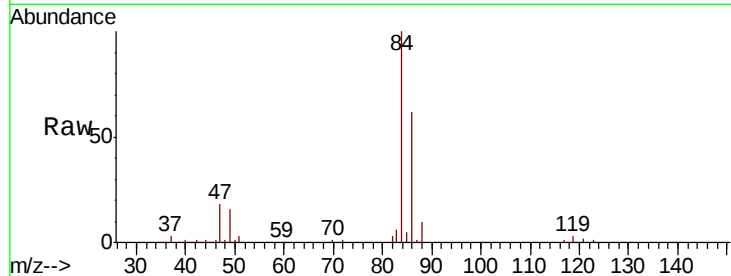




#25
Chloroform
Concen: 0.939 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV014826.D
Acq: 11 Mar 2020 01:06

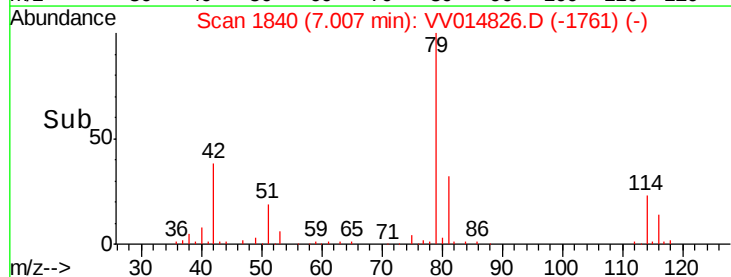
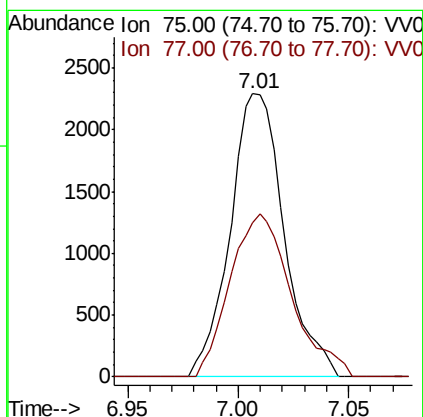
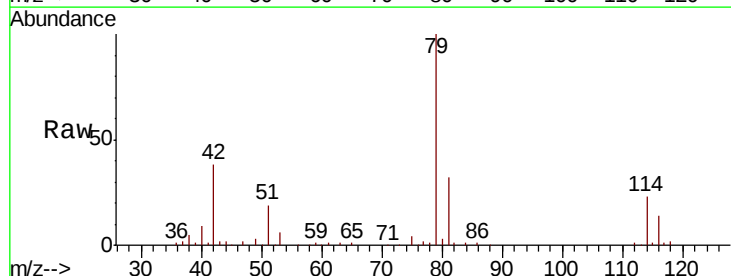
Instrument :
MSVOA_V
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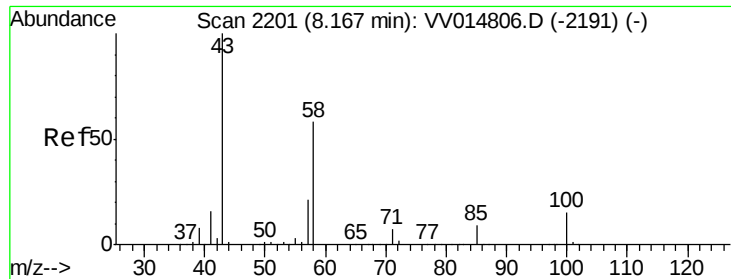
Tot Ion: 83 Resp: 6058
Ion Ratio Lower Upper
83 100
85 86.9 45.1 83.9#



#39
cis-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV014826.D
Acq: 11 Mar 2020 01:06

Tgt Ion: 75 Resp: 3891
Ion Ratio Lower Upper
75 100
77 54.4 22.8 42.4#

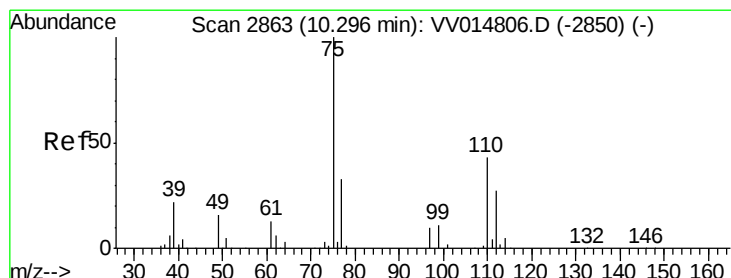
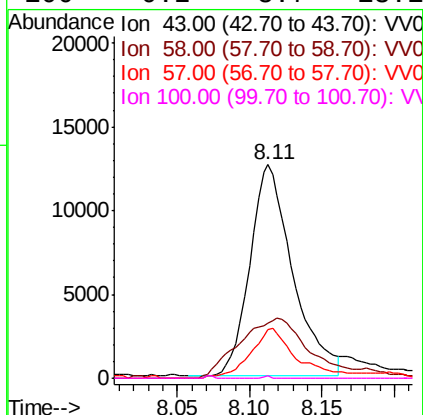
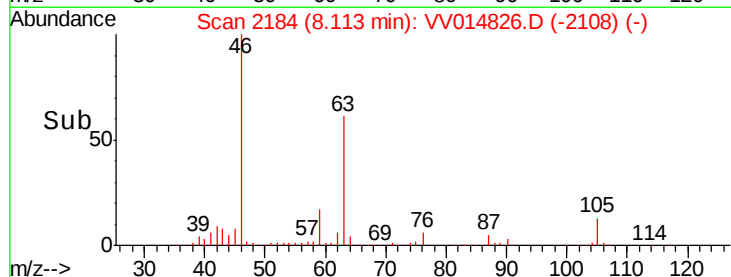
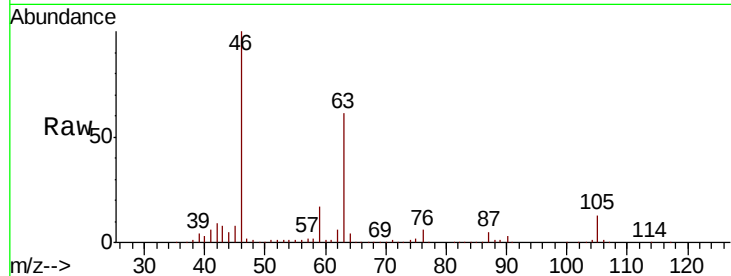




#48
2-Hexanone
Concen: 6.469 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV014826.D
Acq: 11 Mar 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 26094
Ion Ratio Lower Upper
43 100
58 45.5 43.3 64.9
57 24.3 15.6 23.4#
100 0.2 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.049 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV014826.D
Acq: 11 Mar 2020 01:06

Tgt Ion: 75 Resp: 22821
Ion Ratio Lower Upper
75 100
77 36.3 25.6 38.4

