

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014944.D
 Acq On : 16 Mar 2020 14:30
 Operator : SY/MD
 Sample : L1884-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Mar 18 03:20:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	337841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101792	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.46%
7) Chloroethane-d5	1.58	69	81200	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.12	63	127325	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	3.93	46	90407	65.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.88%
24) Chloroform-d	4.38	84	222619	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.06	65	153951	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.08	84	461388	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
36) 1,2-Dichloropropane-d6	6.10	67	141087	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.26%
41) Toluene-d8	7.34	98	443271	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%
43) trans-1,3-Dichloropropene-	7.64	79	69780	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.12	63	131410	106.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200502	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	186836	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

Target Compounds

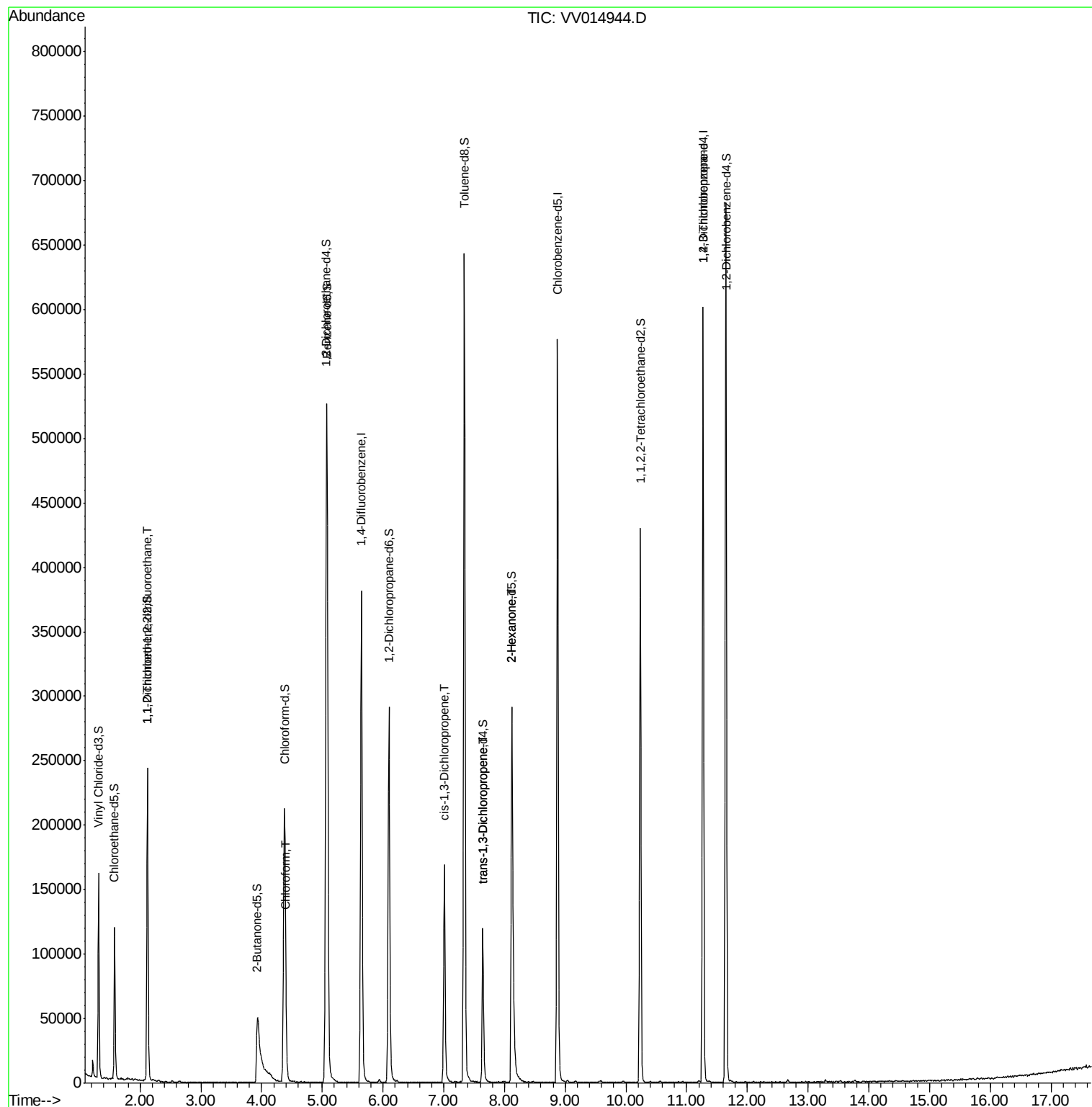
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1400	0.804 ug/L #	19
25) Chloroform	4.41	83	6249	1.413 ug/L	86
39) cis-1,3-Dichloropropene	7.01	75	4232	1.133 ug/L #	68
44) trans-1,3-Dichloropropene	7.64	75	3315	0.998 ug/L	88
48) 2-Hexanone	8.12	43	17886	7.370 ug/L #	53
59) 1,2,3-Trichloropropane	11.27	75	16049	5.153 ug/L	93

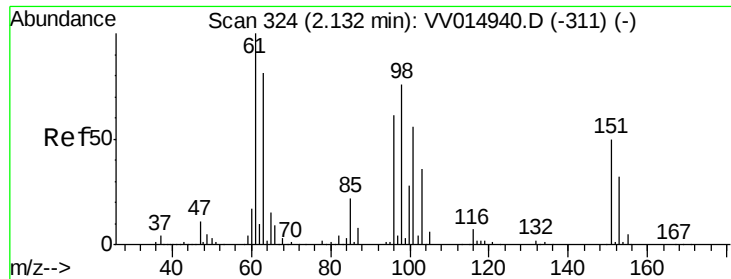
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.804 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014944.D

Acq: 16 Mar 2020 14:30

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

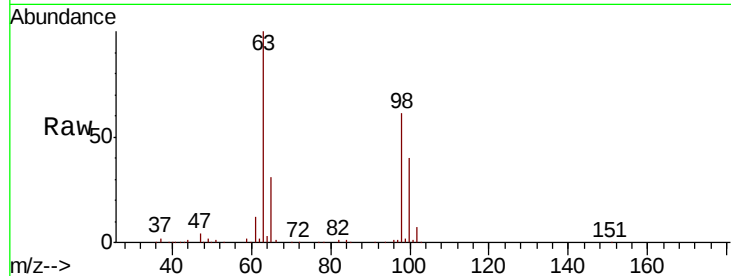
Tot Ion:101 Resp: 1400

Ion Ratio Lower Upper

101 100

85 2.9 33.9 50.9#

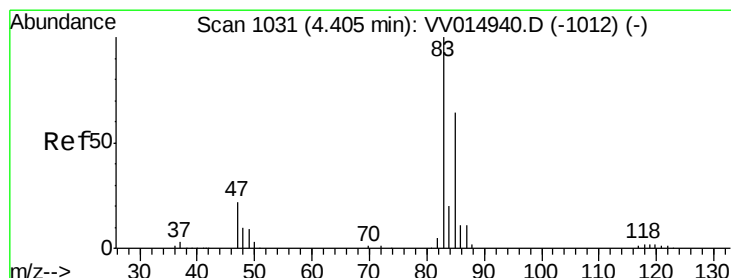
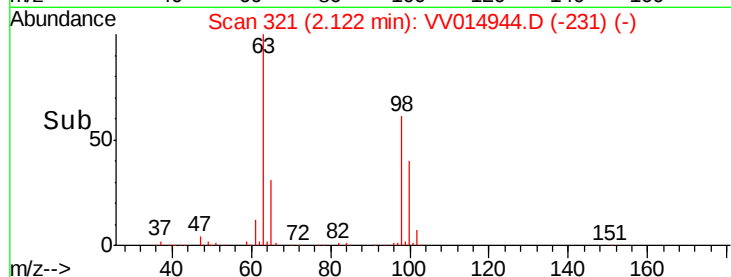
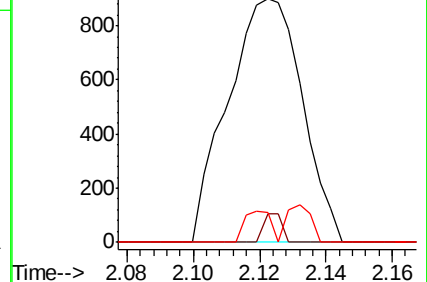
151 4.5 70.1 105.1#



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



#25

Chloroform

Concen: 1.413 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV014944.D

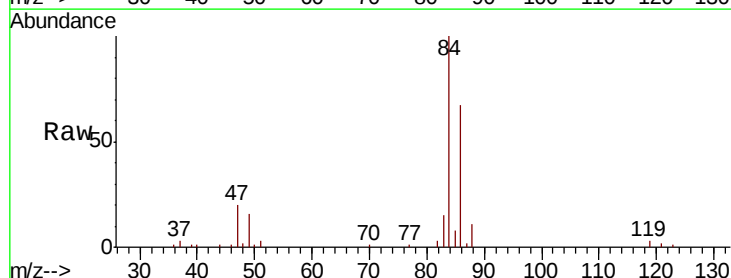
Acq: 16 Mar 2020 14:30

Tgt Ion: 83 Resp: 6249

Ion Ratio Lower Upper

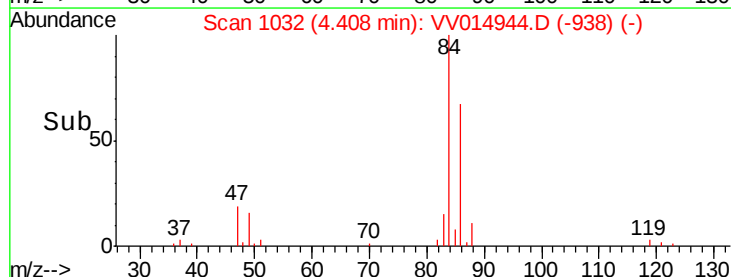
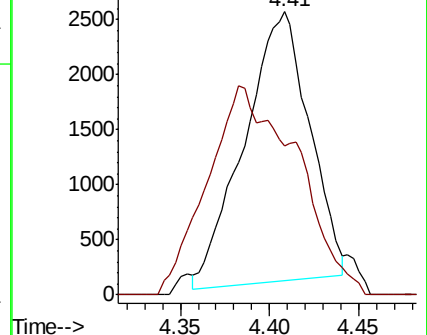
83 100

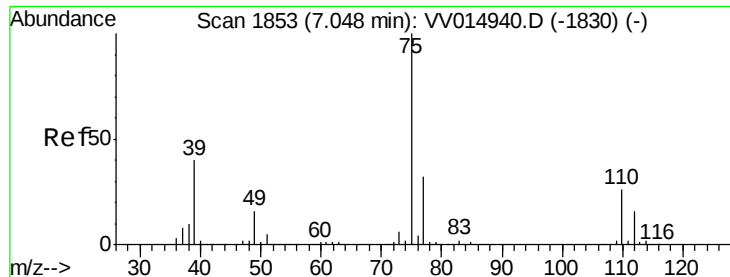
85 52.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

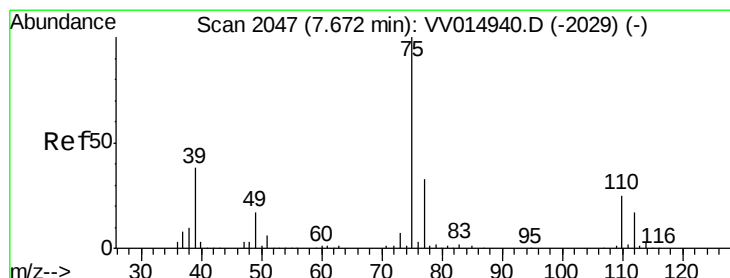
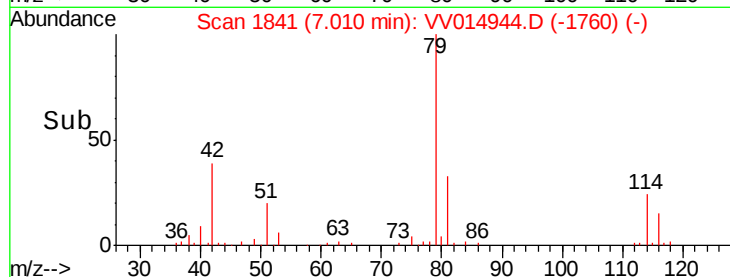
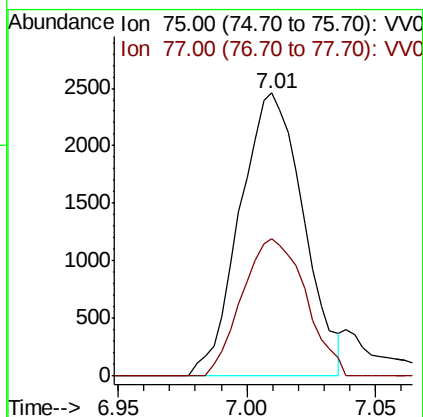
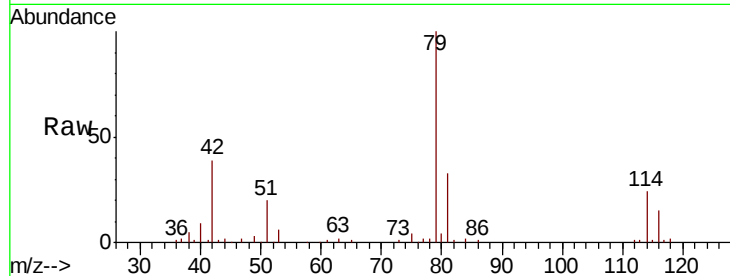




#39
 cis-1,3-Dichloropropene
 Concen: 1.133 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV014944.D
 Acq: 16 Mar 2020 14:30

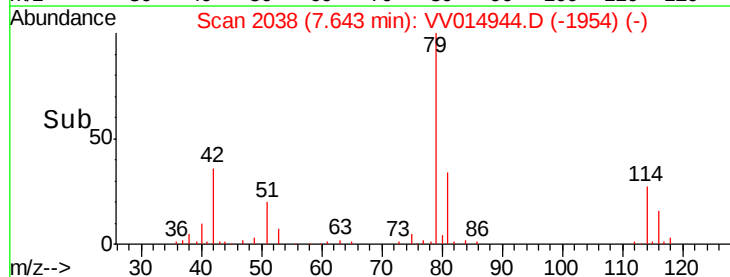
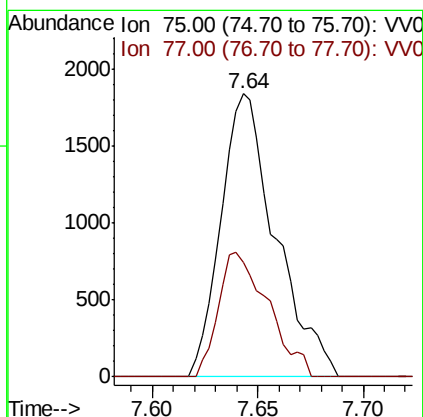
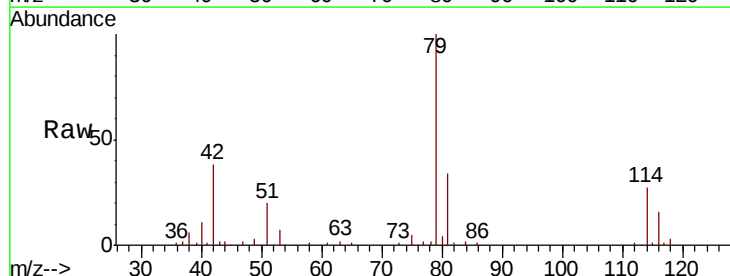
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

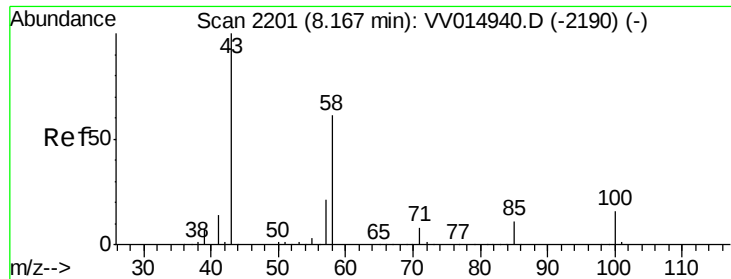
Tot Ion: 75 Resp: 4232
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV014944.D
 Acq: 16 Mar 2020 14:30

Tgt Ion: 75 Resp: 3315
 Ion Ratio Lower Upper
 75 100
 77 40.5 23.5 43.7

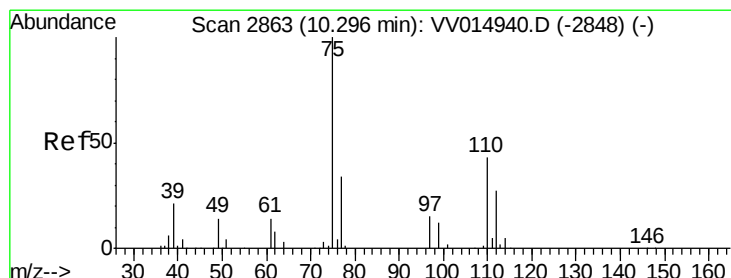
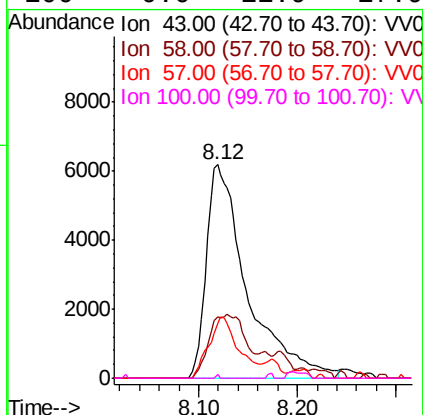
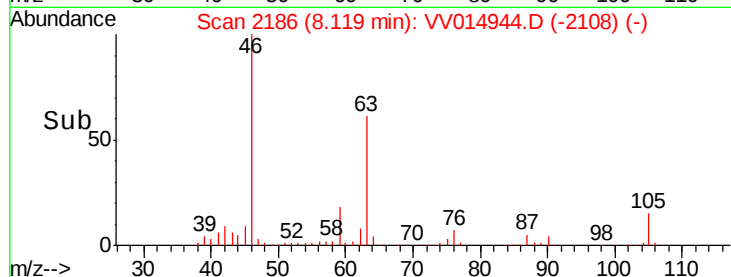
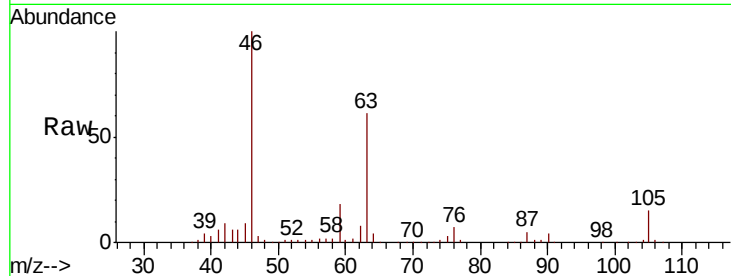




#48
2-Hexanone
Concen: 7.370 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014944.D
Acq: 16 Mar 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 17886
Ion Ratio Lower Upper
43 100
58 9.7 46.9 70.3#
57 20.8 16.2 24.4
100 0.0 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 5.153 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014944.D
Acq: 16 Mar 2020 14:30

Tgt Ion: 75 Resp: 16049
Ion Ratio Lower Upper
75 100
77 37.3 26.6 40.0

