

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014941.D
 Acq On : 16 Mar 2020 13:17
 Operator : SY/MD
 Sample : VV0316WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Mar 18 03:19:42 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	368363	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119732	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.58%
7) Chloroethane-d5	1.58	69	92387	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.38%
11) 1,1-Dichloroethene-d2	2.12	63	144355	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.68%
21) 2-Butanone-d5	3.93	46	123511	82.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.54%
24) Chloroform-d	4.38	84	238941	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.06	65	159801	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
32) Benzene-d6	5.08	84	501588	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.10	67	148051	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.34	98	481826	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.64	79	73028	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.12	63	136512	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207126	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	195985	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

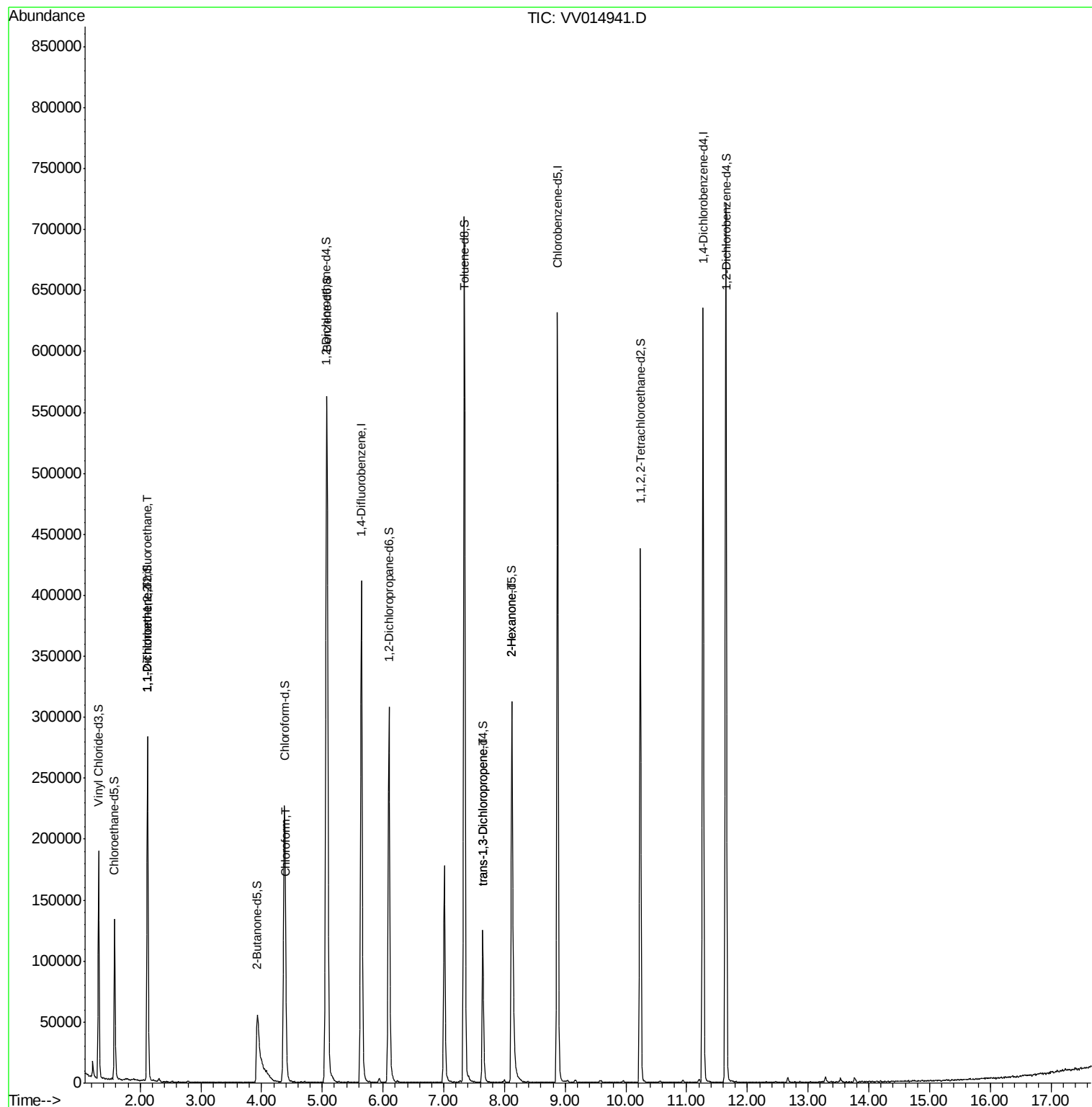
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1828	0.963 ug/L #	32
12) 1,1-Dichloroethene	2.12	96	1341	0.775 ug/L #	1
25) Chloroform	4.41	83	7892	1.636 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3413	0.960 ug/L #	80
48) 2-Hexanone	8.12	43	14361	5.529 ug/L #	74

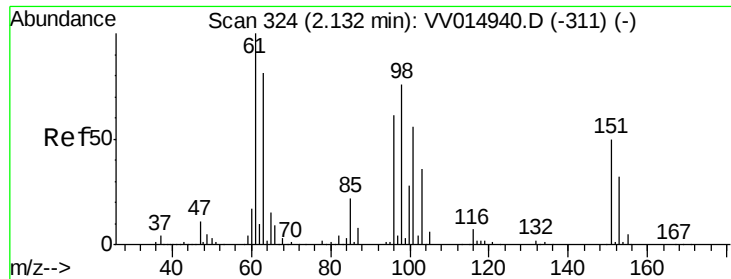
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.963 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014941.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK61

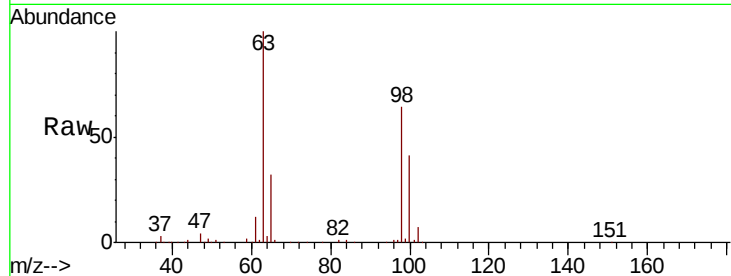
Tot Ion:101 Resp: 1828

Ion Ratio Lower Upper

101 100

85 6.9 33.9 50.9#

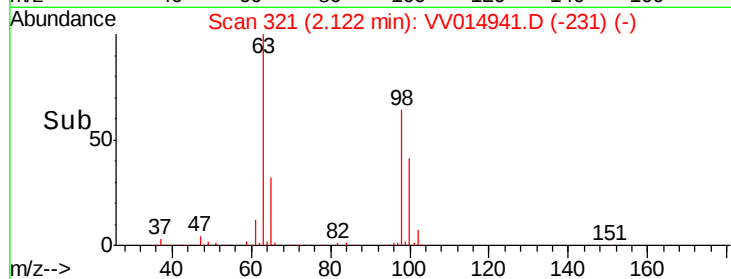
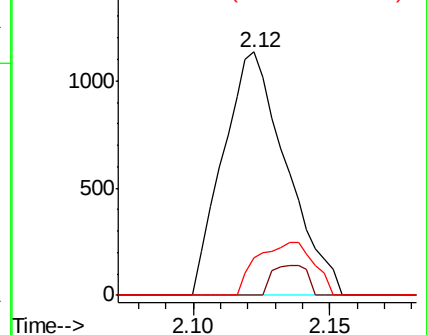
151 19.5 70.1 105.1#



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



#12

1,1-Dichloroethene

Concen: 0.775 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014941.D

Acq: 16 Mar 2020 13:17

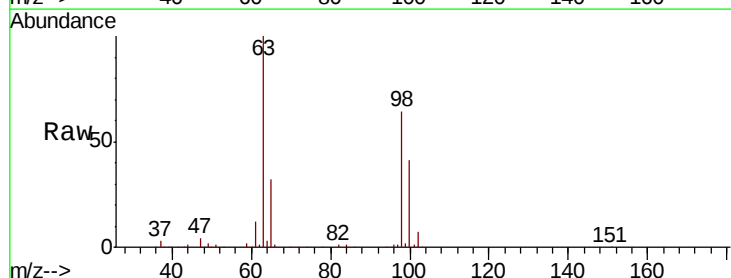
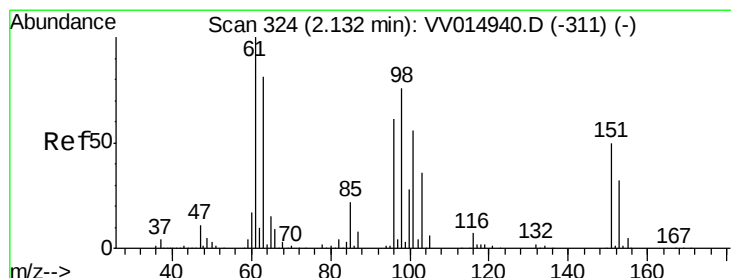
Tgt Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 1316.8 115.7 214.9#

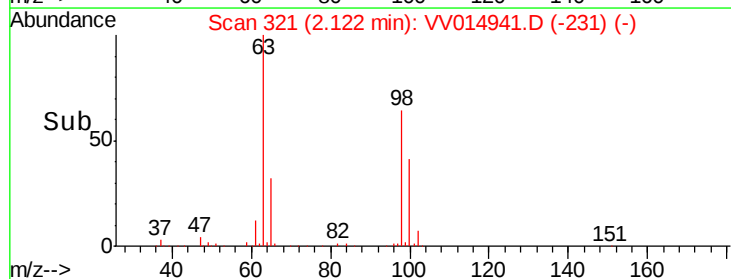
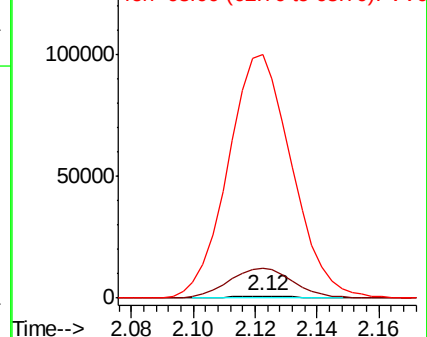
63 10700.9 99.2 184.2#

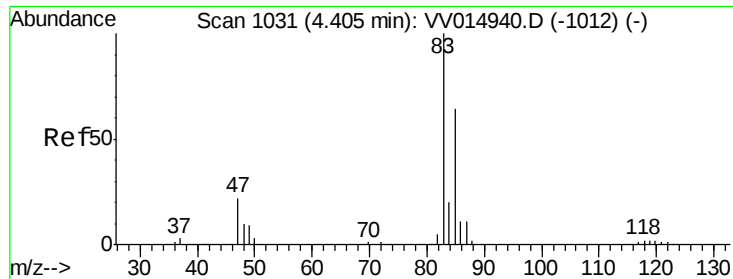


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

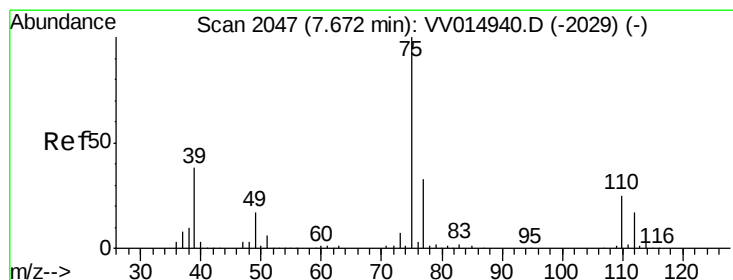
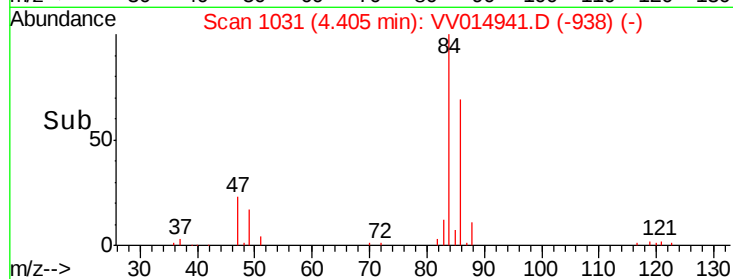
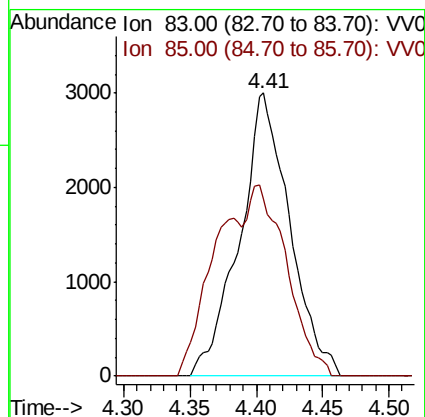
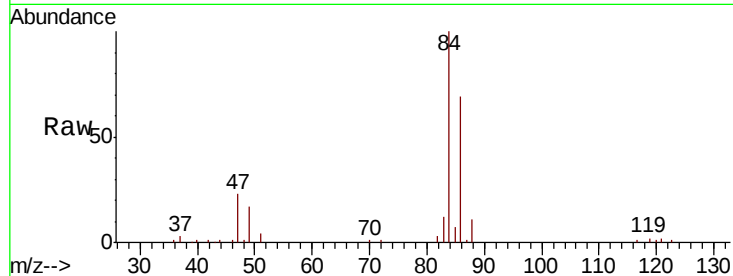




#25
Chloroform
Concen: 1.636 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
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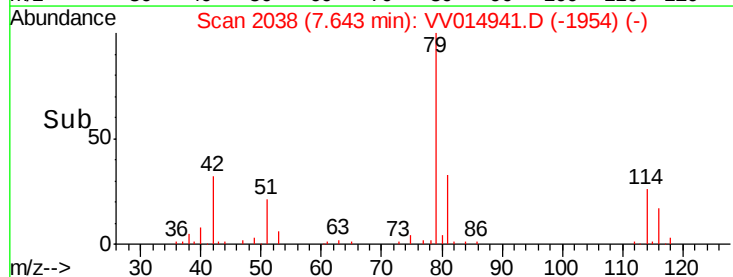
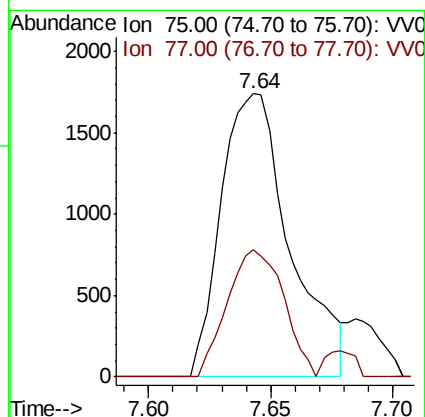
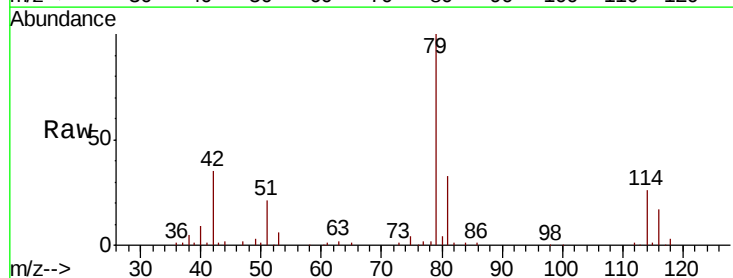
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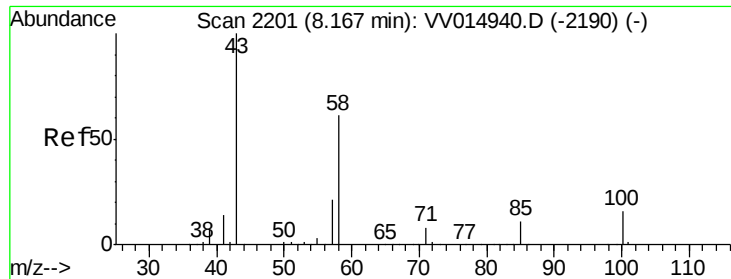
Tot Ion: 83 Resp: 7892
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8



#44
trans-1,3-Dichloropropene
Concen: 0.960 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV014941.D
Acq: 16 Mar 2020 13:17

Tgt Ion: 75 Resp: 3413
Ion Ratio Lower Upper
75 100
77 45.0 23.5 43.7#





#48

2-Hexanone

Concen: 5.529 ug/L

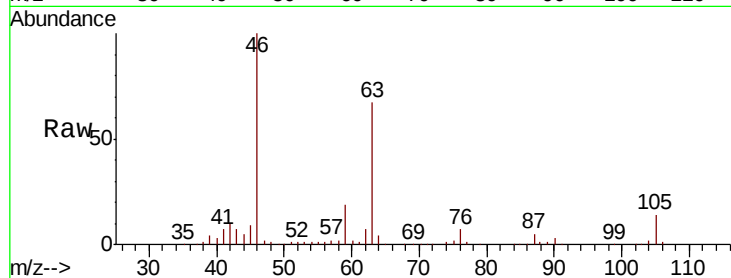
RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV014941.D

Acq: 16 Mar 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
VBLK61



Tot Ion:	43	Resp:	14361
Ion	Ratio	Lower	Upper
43	100		
58	36.2	46.9	70.3#
57	23.8	16.2	24.4
100	1.2	11.9	17.9#

