

Data File : VV014619.D
Acq On : 20 Feb 2020 13:19
Operator : SY/MD
Sample : VV0220WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Quant Time: Feb 21 03:34:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264651	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	247372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121673	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37827	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.44%
7) Chloroethane-d5	1.58	69	32512	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.96%
11) 1,1-Dichloroethene-d2	2.13	63	58812	34.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.36%
21) 2-Butanone-d5	3.93	46	93548	111.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.00%
24) Chloroform-d	4.40	84	138925	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.08	65	95592	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.10	84	291206	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.11	67	89248	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.36	98	271851	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.66	79	48050	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
47) 2-Hexanone-d5	8.13	63	75902	106.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	127455	52.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	111842	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

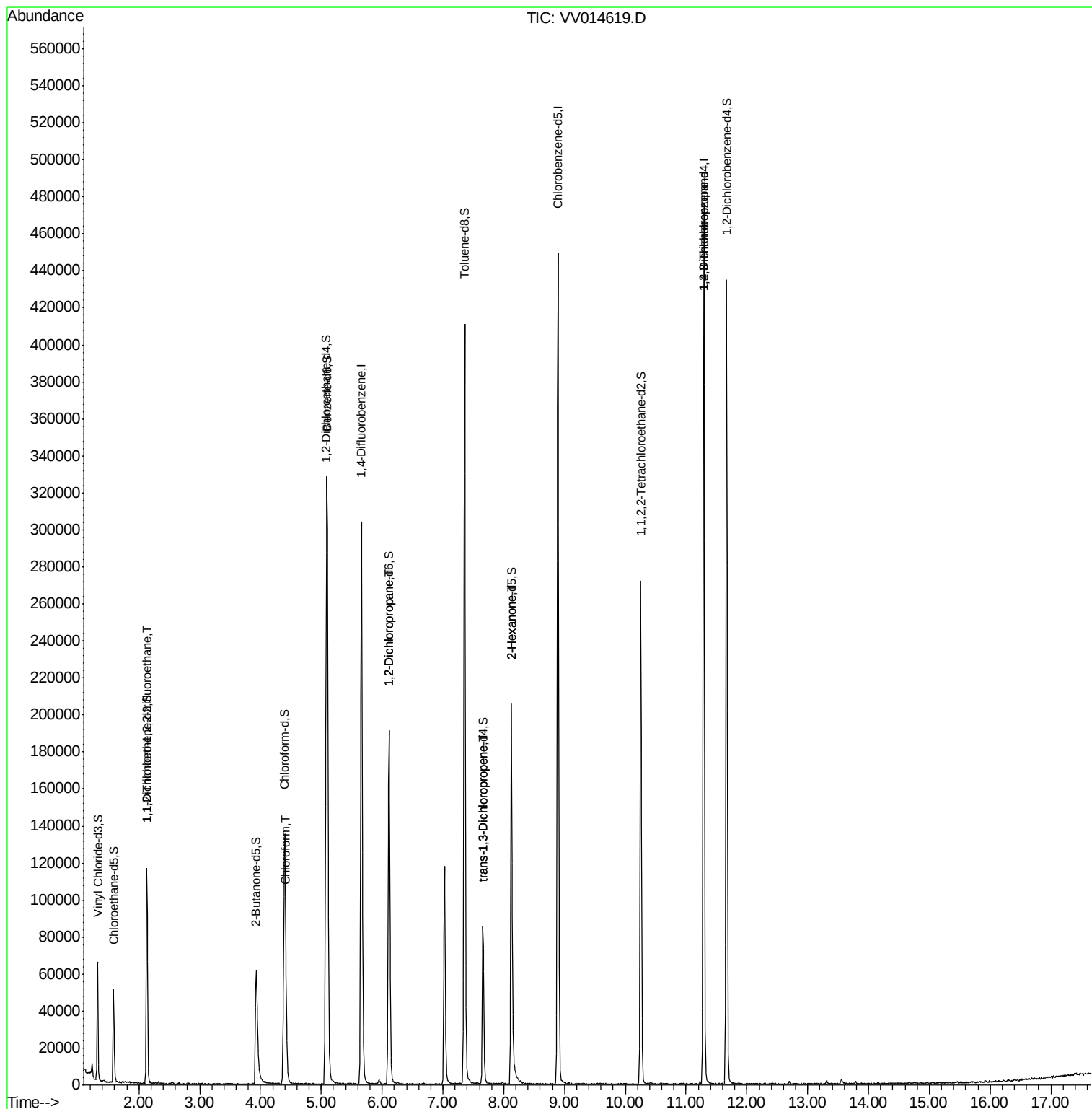
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	632	0.724	ug/L #	17
25) Chloroform	4.42	83	11664	3.755	ug/L	91
37) 1,2-Dichloropropane	6.11	63	10199	6.360	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2334	0.913	ug/L	84
48) 2-Hexanone	8.13	43	8651	5.601	ug/L #	66
59) 1,2,3-Trichloropropane	11.29	75	13580	6.580	ug/L	90

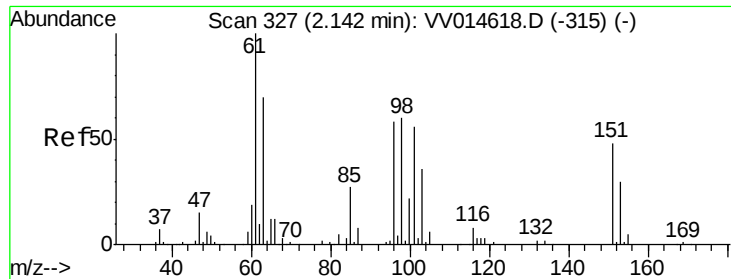
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.724 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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ClientSampleId :

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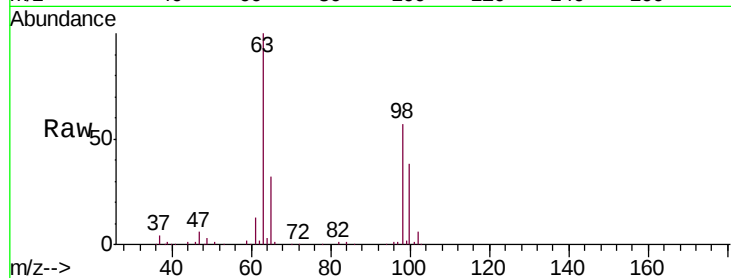
Tgt Ion: 101 Resp: 632

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

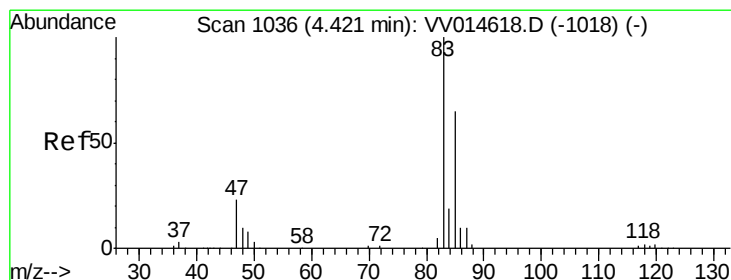
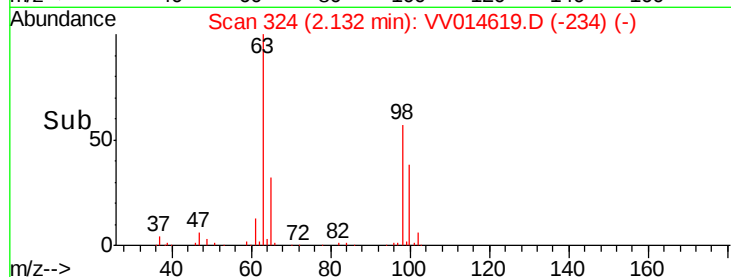
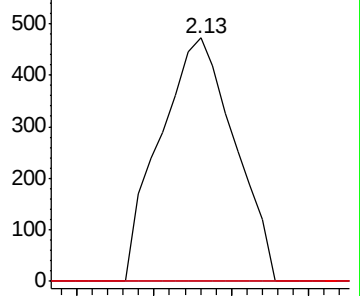
151 0.0 65.4 98.2#



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: 3.755 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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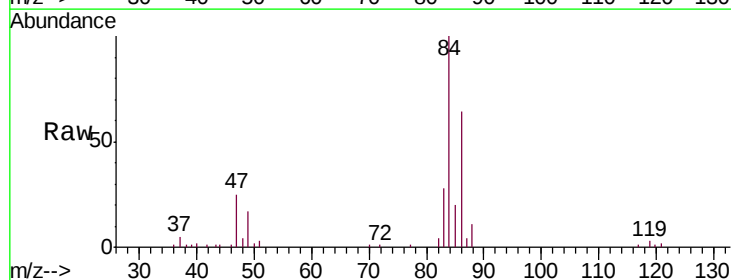
Acq: 20 Feb 2020 13:19

Tgt Ion: 83 Resp: 11664

Ion Ratio Lower Upper

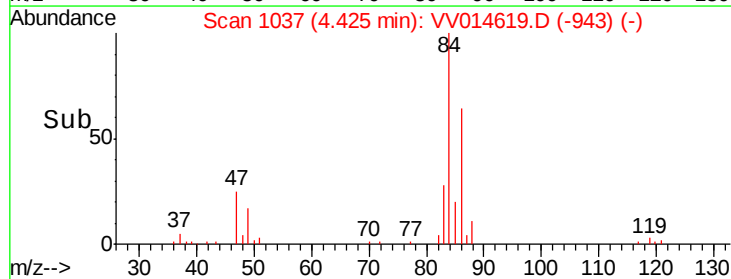
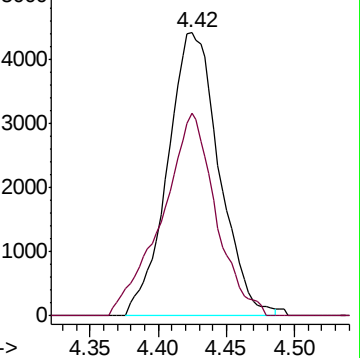
83 100

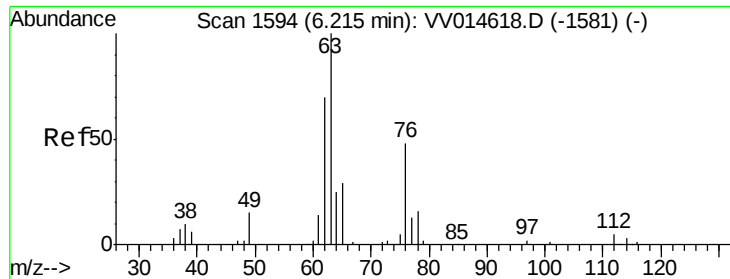
85 71.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

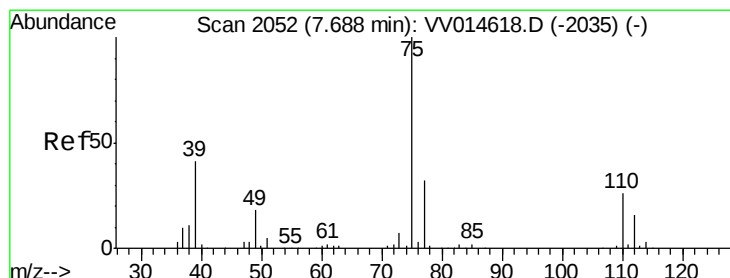
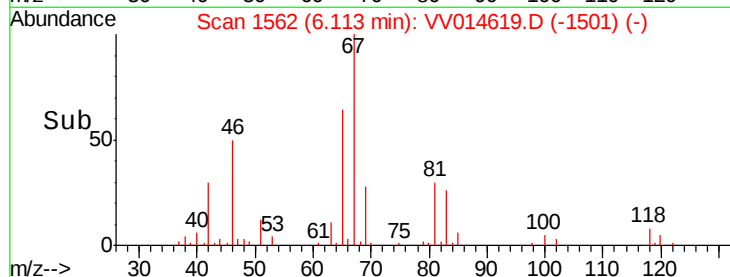
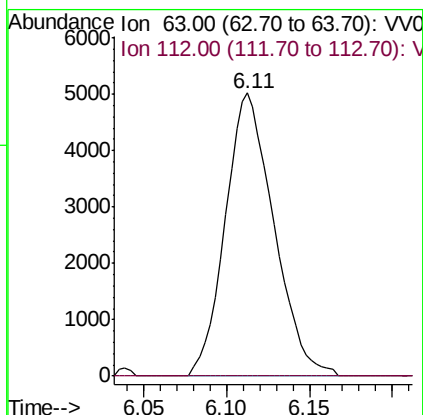
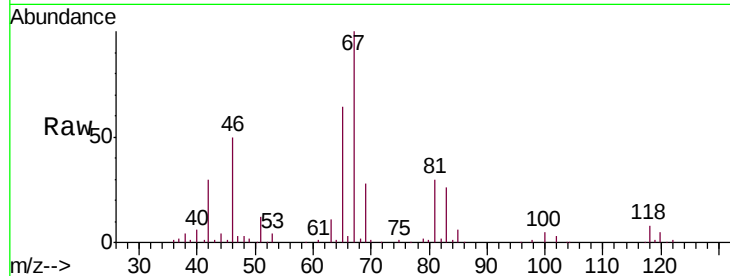




#37
 1,2-Dichloropropane
 Concen: 6.360 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014619.D
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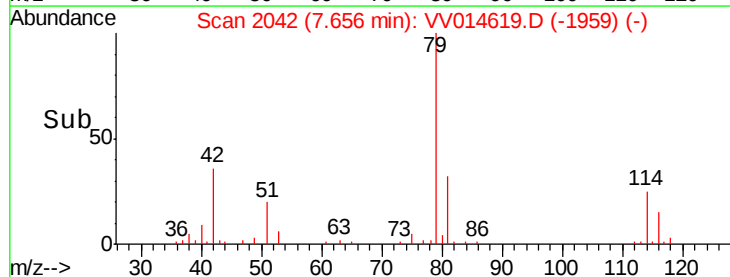
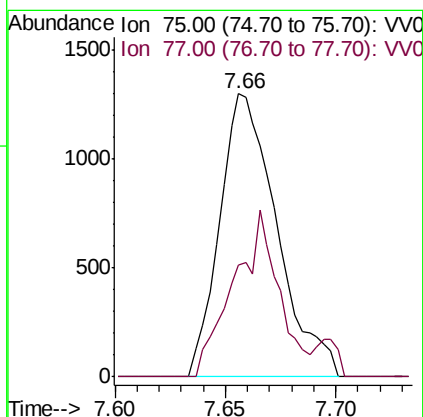
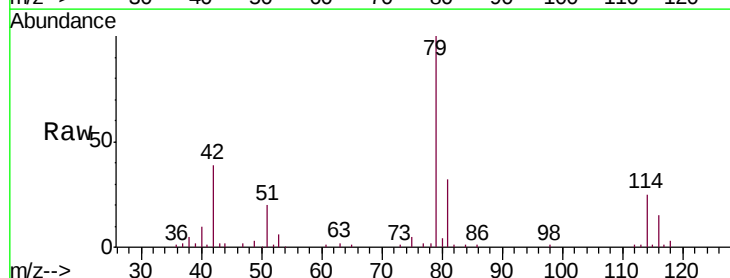
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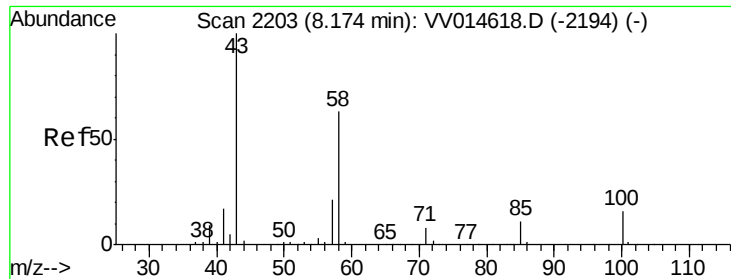
Tgt Ion: 63 Resp: 10199
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.913 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.03 min
 Lab File: VV014619.D
 Acq: 20 Feb 2020 13:19

Tgt Ion: 75 Resp: 2334
 Ion Ratio Lower Upper
 75 100
 77 39.6 21.7 40.3





#48

2-Hexanone

Concen: 5.601 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014619.D

Acq: 20 Feb 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK73

Tgt Ion: 43 Resp: 8651

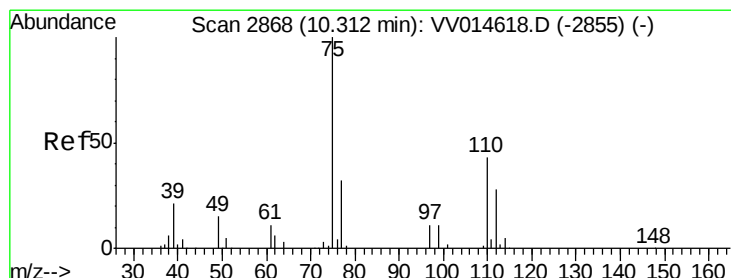
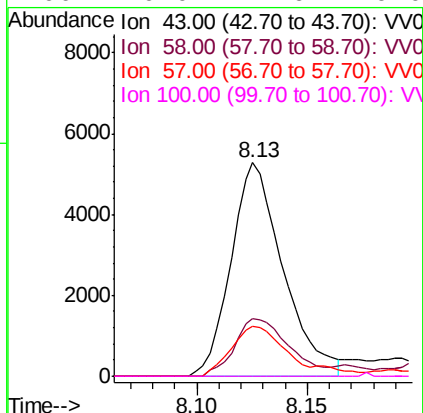
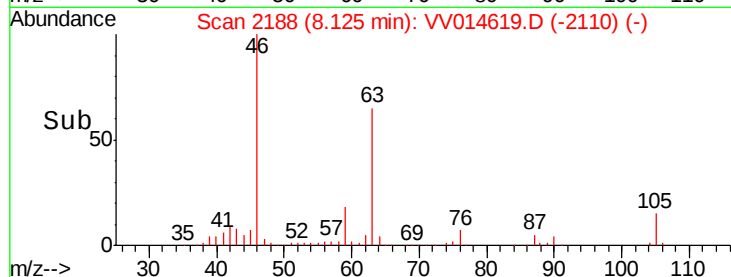
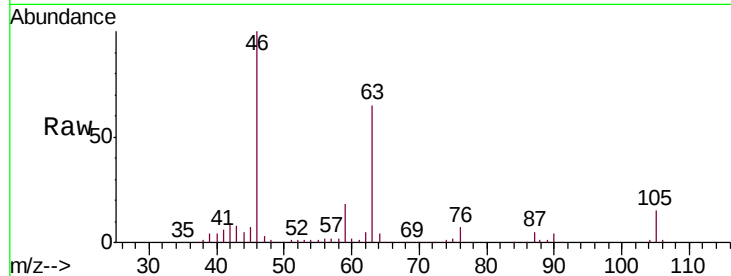
Ion Ratio Lower Upper

43 100

58 28.2 50.4 75.6#

57 23.1 17.8 26.6

100 0.0 12.6 19.0#



#59

1,2,3-Trichloropropane

Concen: 6.580 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014619.D

Acq: 20 Feb 2020 13:19

Tgt Ion: 75 Resp: 13580

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9

