

Data File : VV012209.D
Acq On : 12 Aug 2019 16:55
Operator : SY/MD
Sample : K4248-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B44

Quant Time: Aug 13 06:47:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 06:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	433178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	416514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	182428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135509	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.10%
7) Chloroethane-d5	1.58	69	124821	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.10%
11) 1,1-Dichloroethene-d2	2.13	63	193108	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	3.92	46	292414	116.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.04%
24) Chloroform-d	4.40	84	327768	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	5.08	65	218509	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
32) Benzene-d6	5.10	84	670475	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
36) 1,2-Dichloropropane-d6	6.12	67	215090	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.60%
41) Toluene-d8	7.36	98	585193	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%
43) trans-1,3-Dichloropropene-	7.66	79	100304	48.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.54%
47) 2-Hexanone-d5	8.13	63	190542	107.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	304854	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	239302	54.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.92%

Target Compounds

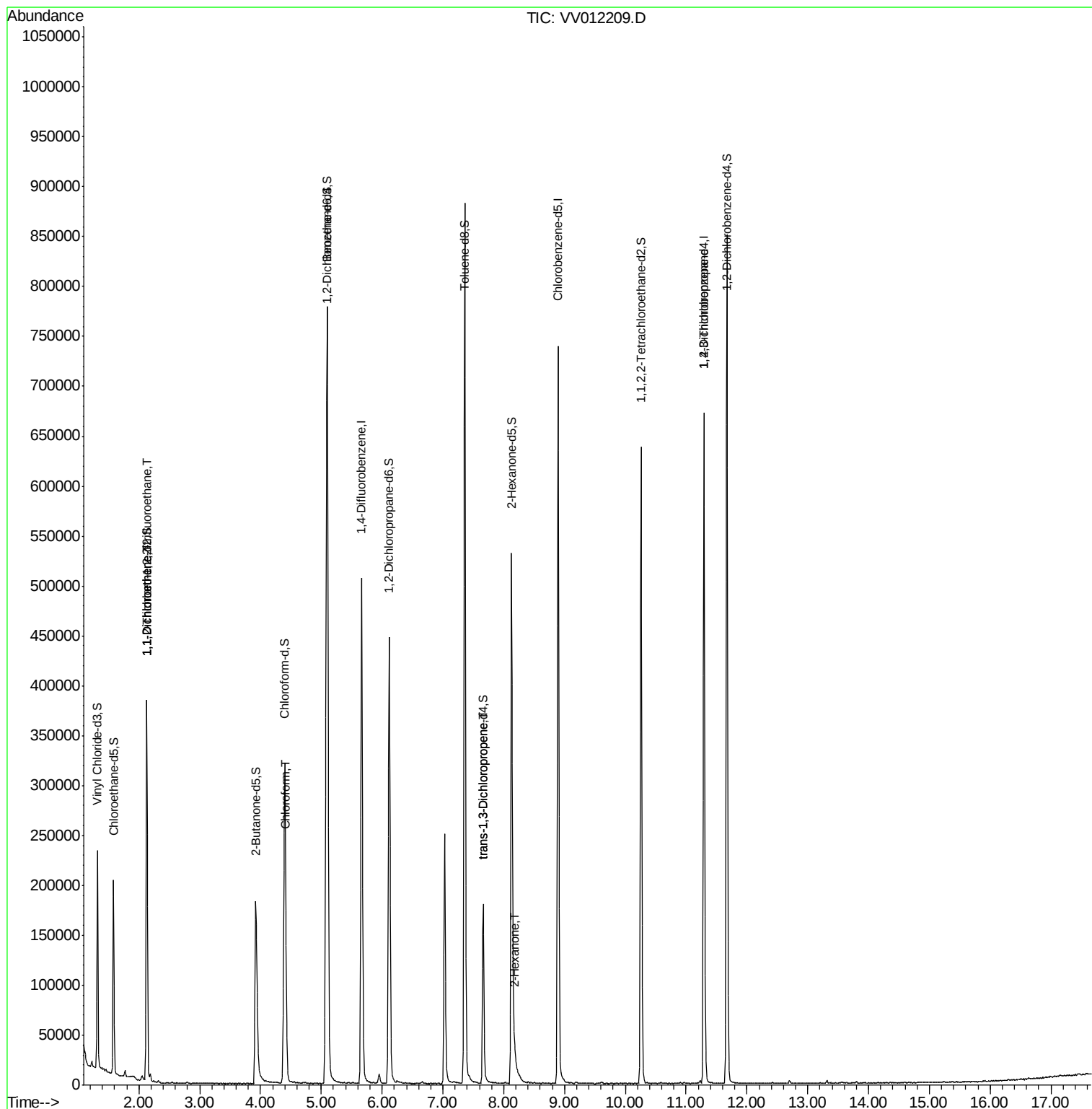
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2146	0.817	ug/L #	25
12) 1,1-Dichloroethene	2.13	96	1593	0.638	ug/L #	1
25) Chloroform	4.42	83	4897	0.880	ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	4382	1.012	ug/L	90
48) 2-Hexanone	8.18	43	8814	2.580	ug/L #	63
59) 1,2,3-Trichloropropane	11.29	75	20606	5.424	ug/L	90

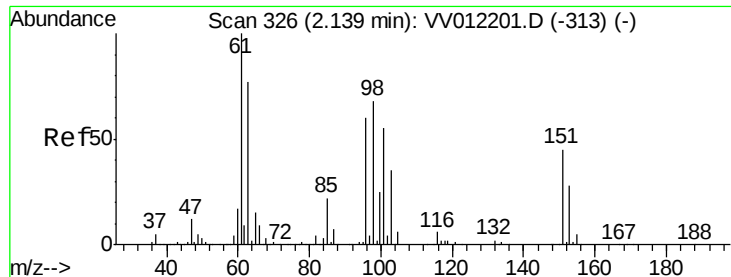
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.817 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012209.D

Acq: 12 Aug 2019 16:55

Instrument :

MSVOA_V

ClientSampleId :

F2B44

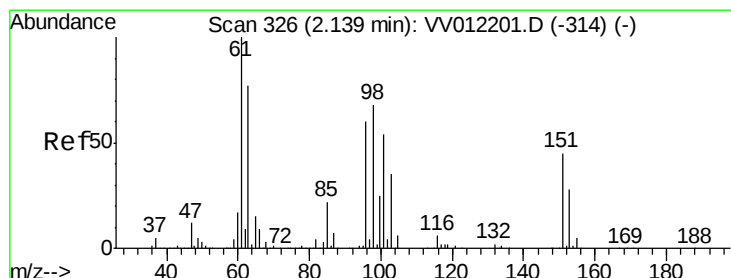
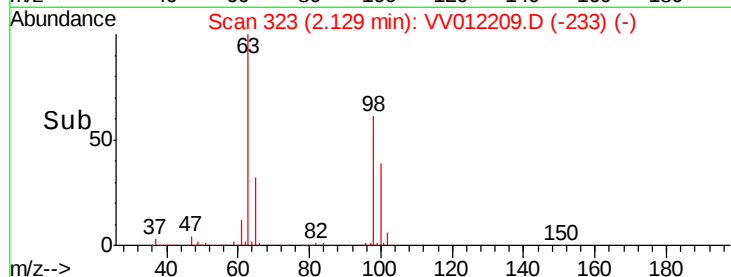
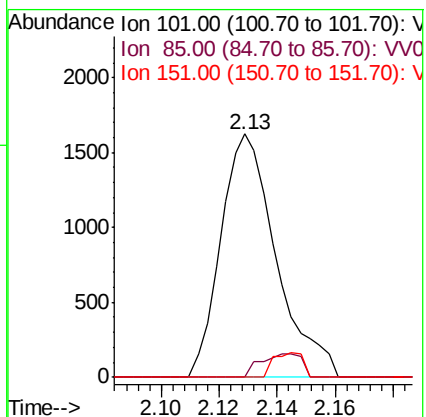
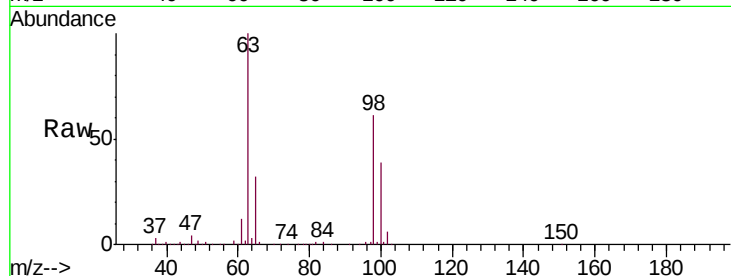
Tgt Ion: 101 Resp: 2146

Ion Ratio Lower Upper

101 100

85 7.1 32.8 49.2#

151 5.5 65.0 97.6#



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012209.D

Acq: 12 Aug 2019 16:55

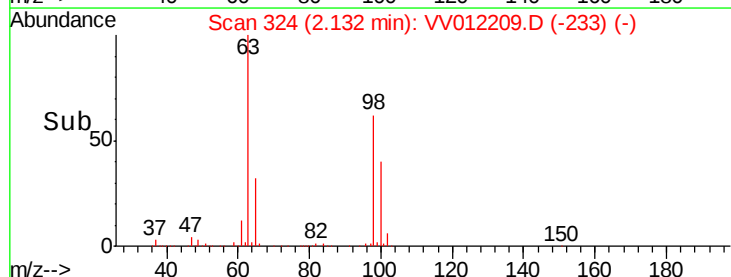
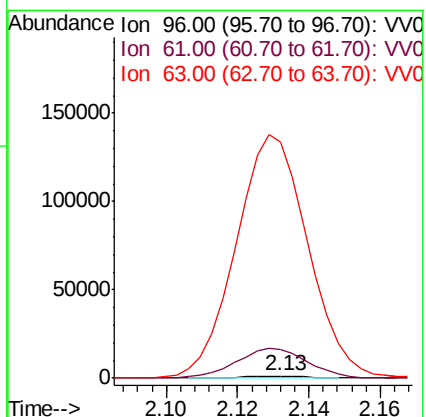
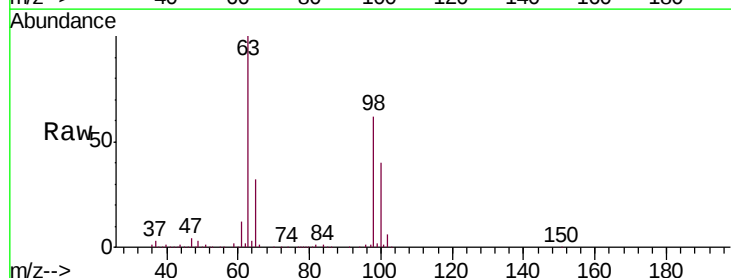
Tgt Ion: 96 Resp: 1593

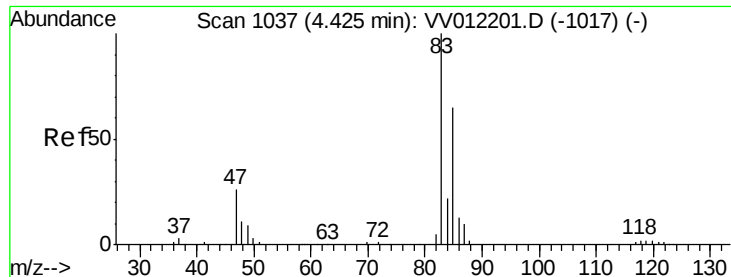
Ion Ratio Lower Upper

96 100

61 1378.2 115.9 215.3#

63 11269.0 90.0 167.2#

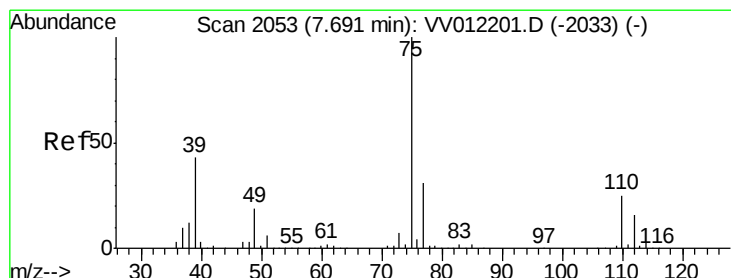
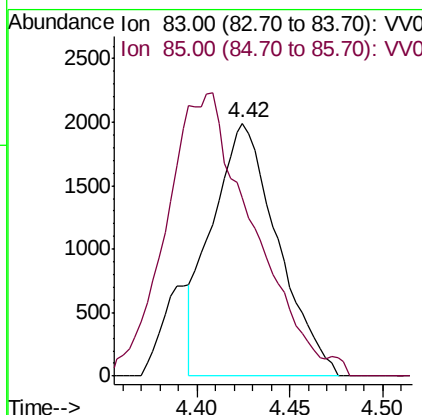
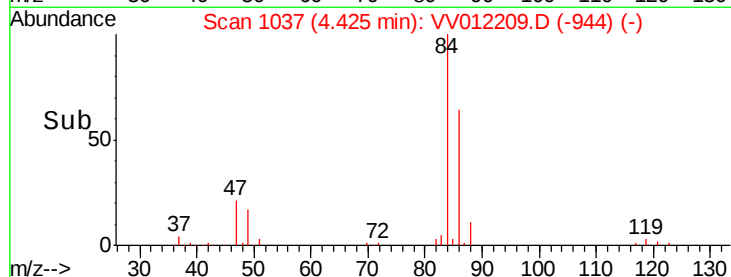
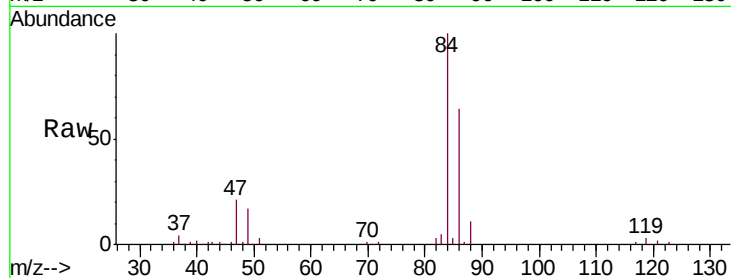




#25
Chloroform
Concen: 0.880 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012209.D
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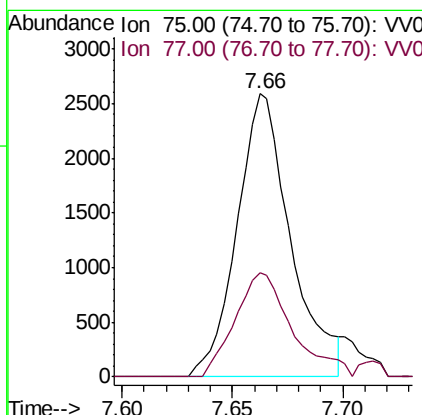
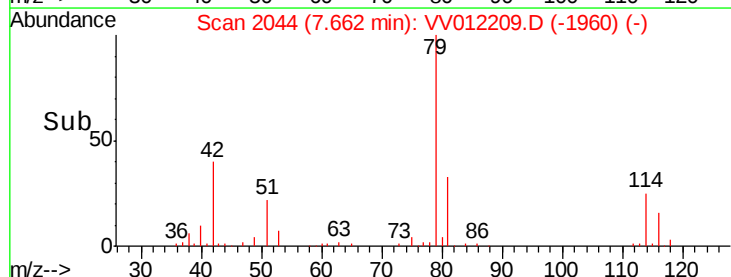
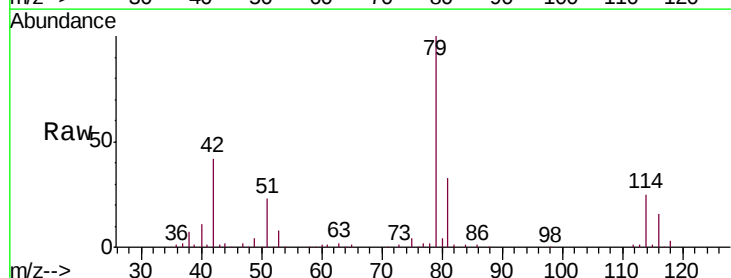
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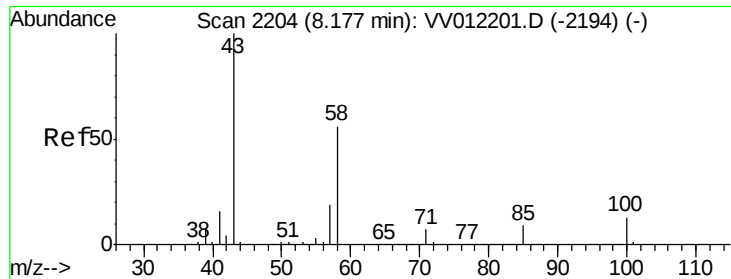
Tgt Ion: 83 Resp: 4897
Ion Ratio Lower Upper
83 100
85 70.3 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012209.D
Acq: 12 Aug 2019 16:55

Tgt Ion: 75 Resp: 4382
Ion Ratio Lower Upper
75 100
77 36.9 22.0 40.8





#48

2-Hexanone

Concen: 2.580 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012209.D

Acq: 12 Aug 2019 16:55

Instrument :

MSVOA_V

ClientSampled :

F2B44

Tgt Ion: 43 Resp: 8814

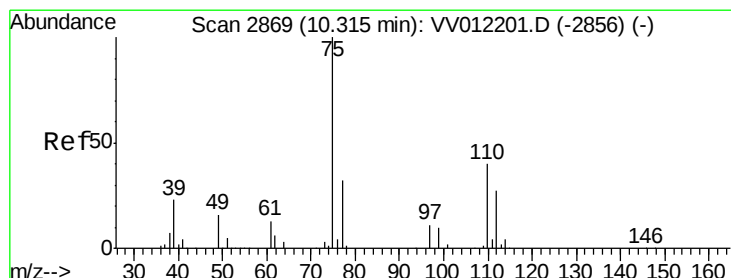
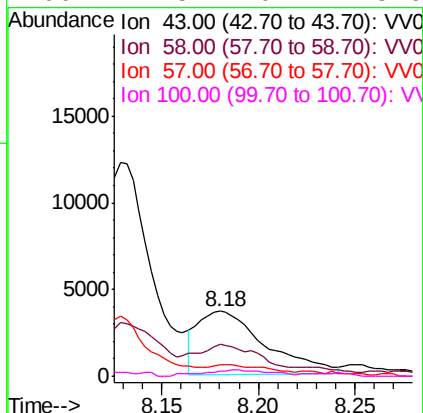
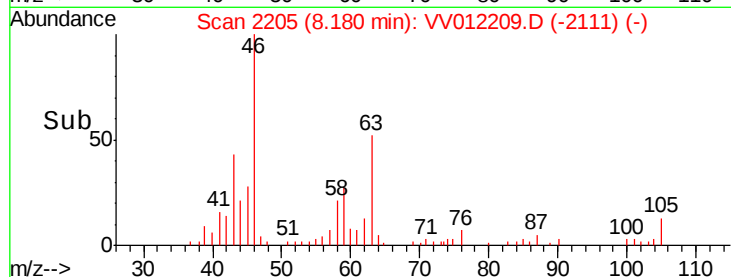
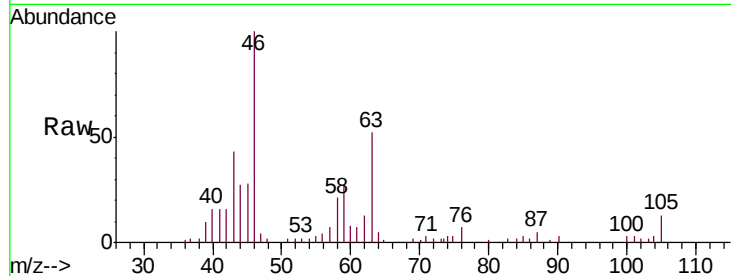
Ion Ratio Lower Upper

43 100

58 26.7 43.5 65.3#

57 0.0 15.1 22.7#

100 4.5 10.4 15.6#



#59

1,2,3-Trichloropropane

Concen: 5.424 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012209.D

Acq: 12 Aug 2019 16:55

Tgt Ion: 75 Resp: 20606

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2

