

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010246.D
 Acq On : 11 Apr 2019 16:13
 Operator : SY/MD
 Sample : K2255-16
 Misc : 5.04G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC55

Quant Time: Apr 12 01:28:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	319630	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	298485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64116	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
7) Chloroethane-d5	1.57	69	61968	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.40%
10) 1,1-Dichloroethene-d2	2.13	63	132323	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	3.93	46	42289	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
24) Chloroform-d	4.40	84	148022	20.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.12%
26) 1,2-Dichloroethane-d4	5.08	65	89961	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.56%
29) Benzene-d6	5.10	84	318870	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	6.12	67	96356	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.04%
37) Toluene-d8	7.36	98	304699	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	7.66	79	36457	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	8.13	63	32190	43.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83271	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	111613	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

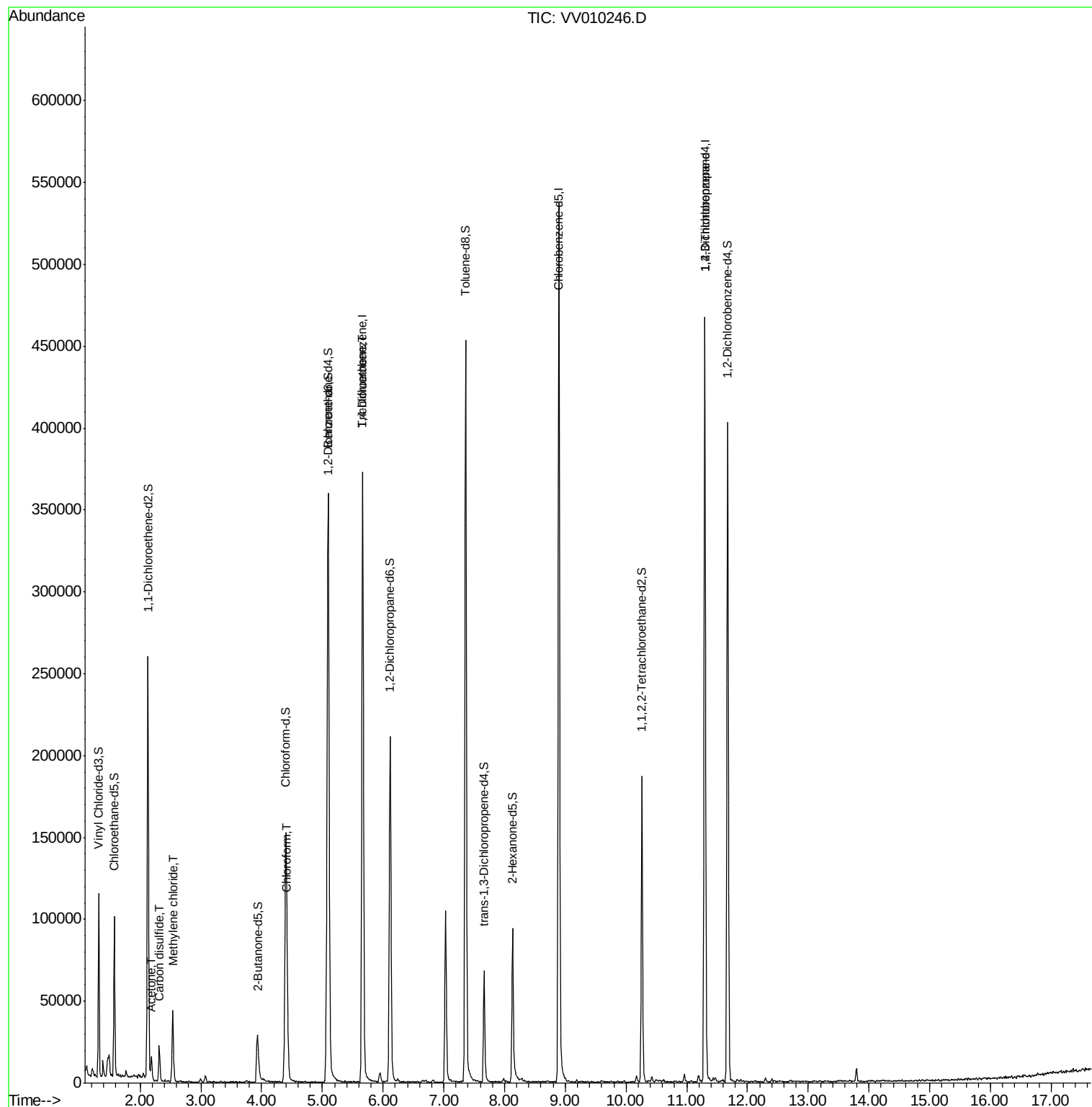
					Qvalue
13) Acetone	2.19	43	10244	10.297 ug/L	100
14) Carbon disulfide	2.32	76	21978	2.158 ug/L #	95
16) Methylene chloride	2.54	84	18094	2.891 ug/L	91
25) Chloroform	4.43	83	13441	1.717 ug/L	88
35) Trichloroethene	5.67	95	9559	2.187 ug/L #	3
59) 1,2,3-Trichloropropane	11.30	75	16751	5.864 ug/L	94

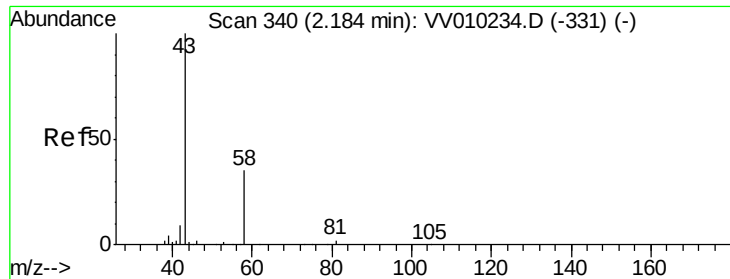
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.297 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010246.D

Acq: 11 Apr 2019 16:13

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MSVOA_V

ClientSampleId :

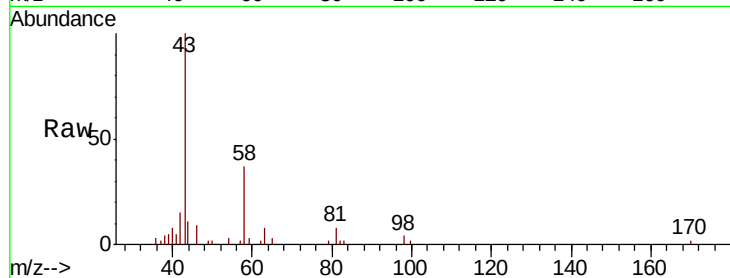
BFC55

Tgt Ion: 43 Resp: 10244

Ion Ratio Lower Upper

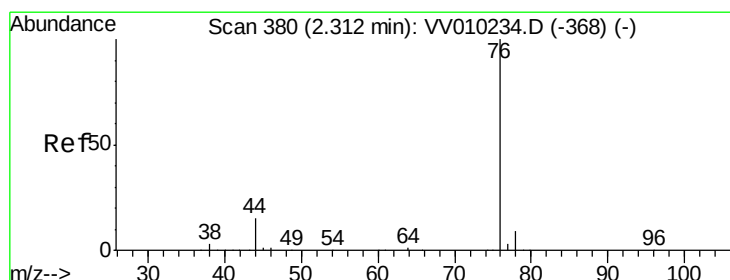
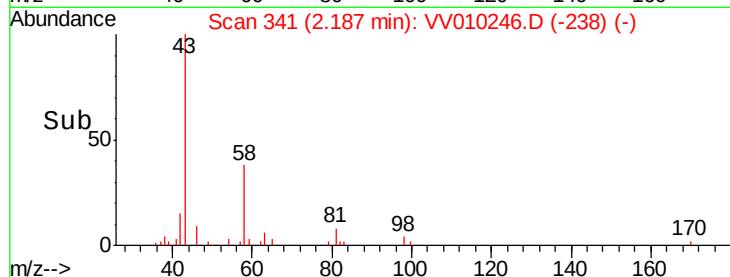
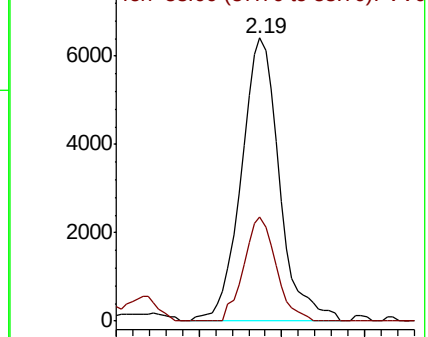
43 100

58 31.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#14

Carbon disulfide

Concen: 2.158 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010246.D

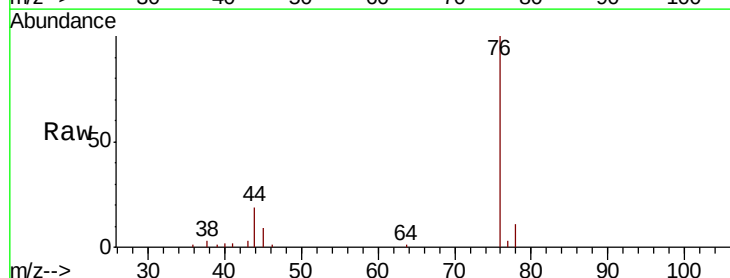
Acq: 11 Apr 2019 16:13

Tgt Ion: 76 Resp: 21978

Ion Ratio Lower Upper

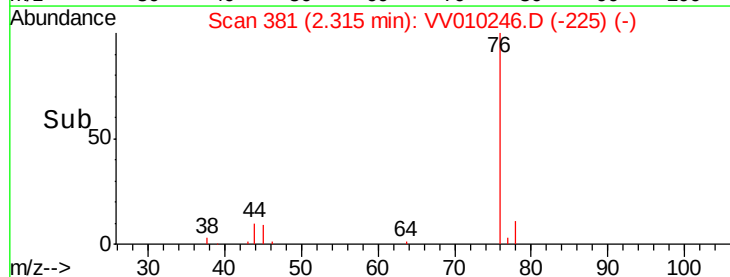
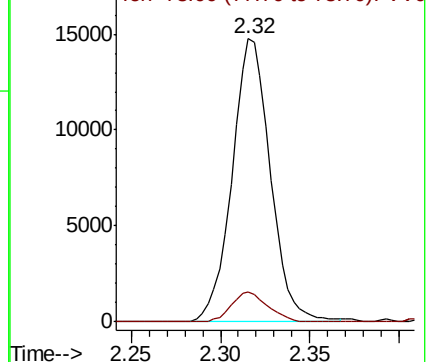
76 100

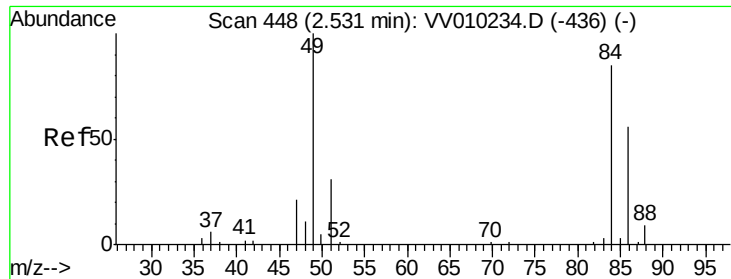
78 10.6 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VV010234.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010234.D (-368) (-)

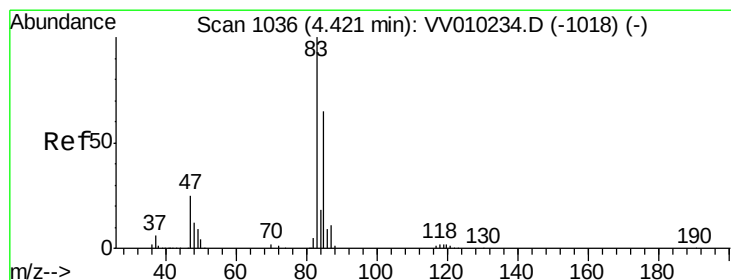
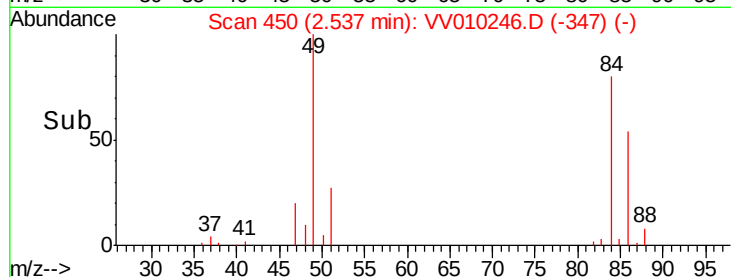
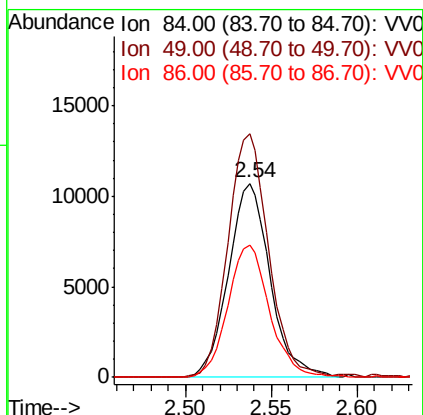
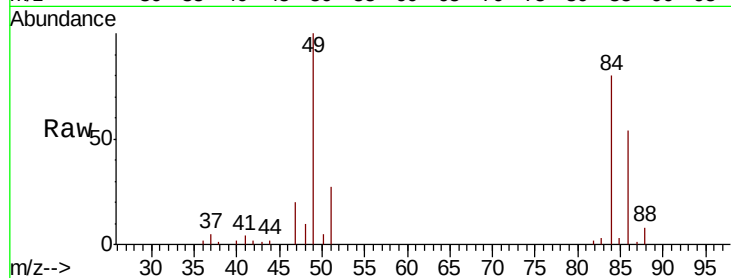




#16
Methylene chloride
Concen: 2.891 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010246.D
Acq: 11 Apr 2019 16:13

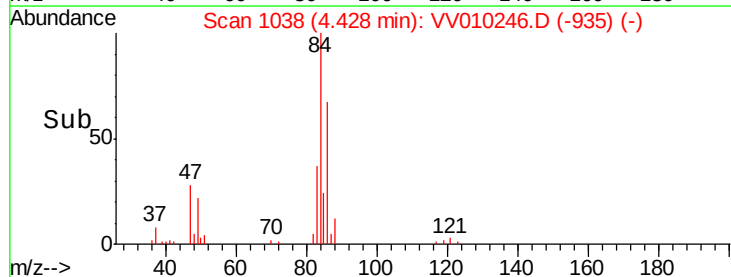
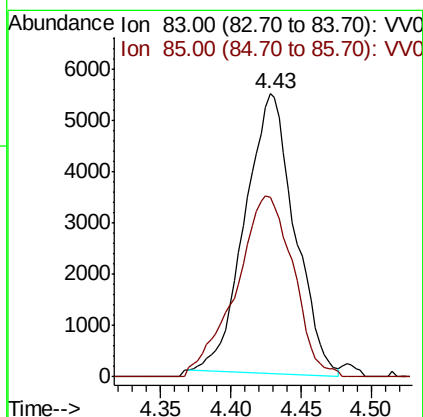
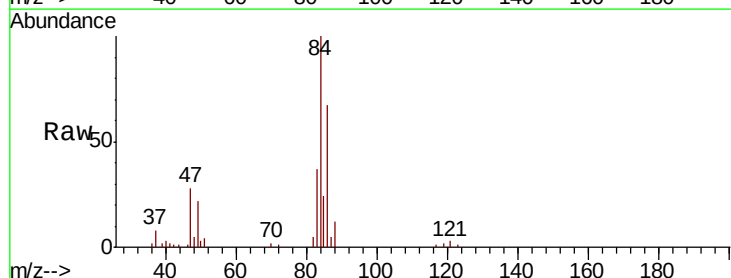
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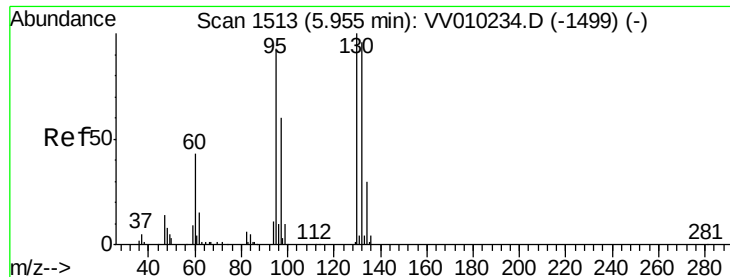
Tgt Ion: 84 Resp: 18094
Ion Ratio Lower Upper
84 100
49 125.7 79.9 148.5
86 68.0 44.5 82.7



#25
Chloroform
Concen: 1.717 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010246.D
Acq: 11 Apr 2019 16:13

Tgt Ion: 83 Resp: 13441
Ion Ratio Lower Upper
83 100
85 74.2 45.4 84.2





#35

Trichloroethene

Concen: 2.187 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.30 min

Lab File: VV010246.D

Acq: 11 Apr 2019 16:13

Instrument :

MSVOA_V

ClientSampleId :

BFC55

Tgt Ion: 95 Resp: 9559

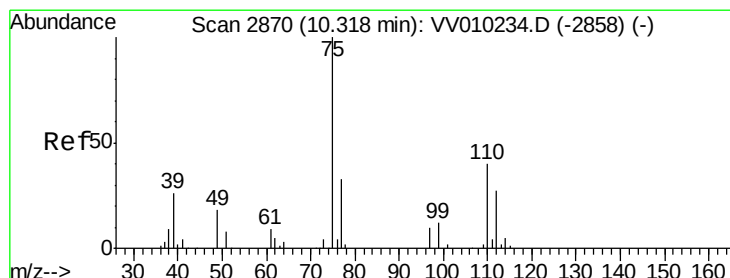
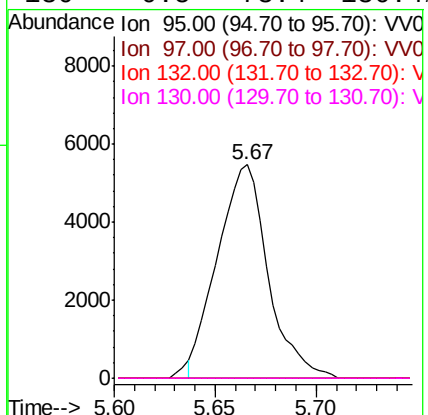
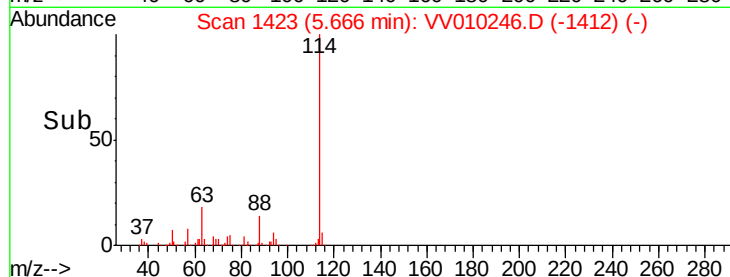
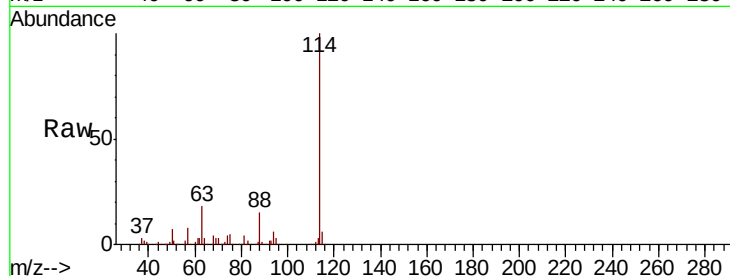
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 0.5 73.4 136.4#



#59

1,2,3-Trichloropropane

Concen: 5.864 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010246.D

Acq: 11 Apr 2019 16:13

Tgt Ion: 75 Resp: 16751

Ion Ratio Lower Upper

75 100

77 36.9 26.9 40.3

