

Data File : VV009945.D
Acq On : 27 Mar 2019 23:55
Operator : SY/MD
Sample : K2128-07
Misc : 4.61G/10mL/MSVOA_V/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0M2

Quant Time: Mar 28 07:21:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161247	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66527	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68645	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	1.57	69	82001	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	2.12	63	154693	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
20) 2-Butanone-d5	3.93	46	25270	41.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.88%
24) Chloroform-d	4.40	84	102696	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	58376	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	5.10	84	203602	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	6.12	67	62724	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	7.36	98	183984	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	7.66	79	20866	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.60%
39) 2-Hexanone-d5	8.13	63	17613	37.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51201	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	60743	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

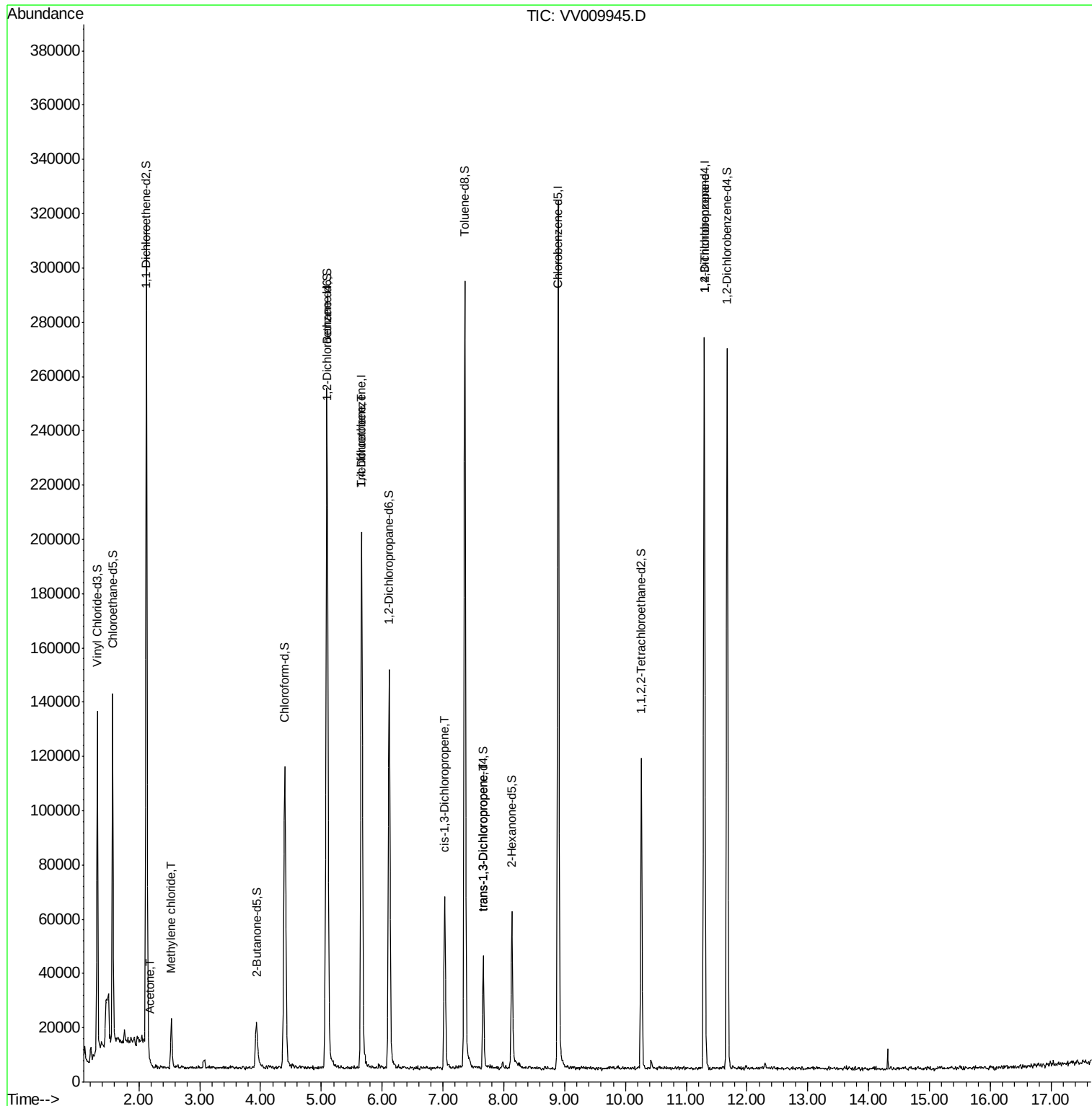
					Qvalue
13) Acetone	2.18	43	679	0.735 ug/L	74
16) Methylene chloride	2.53	84	6915	2.604 ug/L	98
35) Trichloroethene	5.66	95	4671	1.957 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	2152	0.653 ug/L #	56
45) trans-1,3-Dichloropropene	7.67	75	1247	0.462 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	10676	5.870 ug/L	91

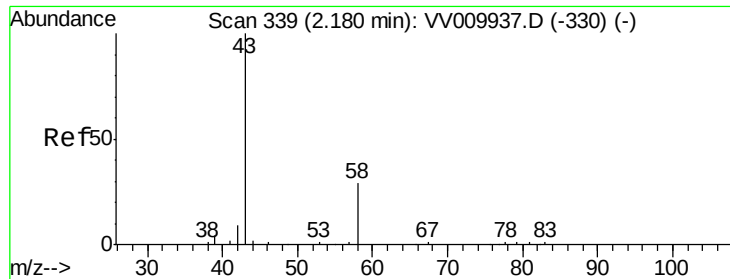
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.735 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Acq: 27 Mar 2019 23:55

Instrument :

MSVOA_V

ClientSampled :

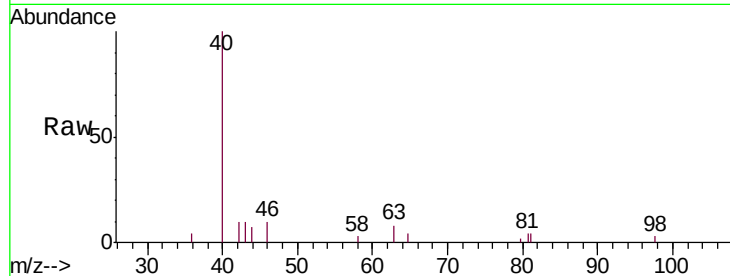
BF0M2

Tgt Ion: 43 Resp: 679

Ion Ratio Lower Upper

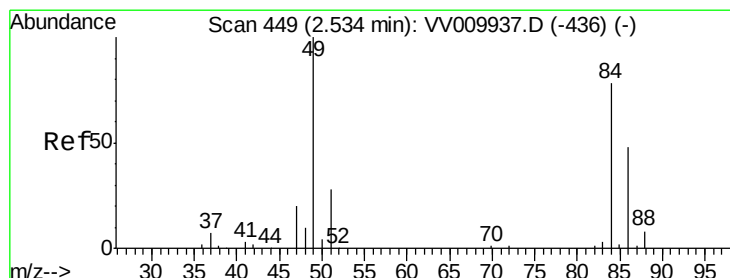
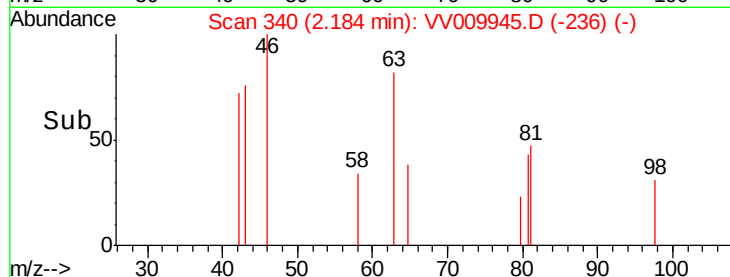
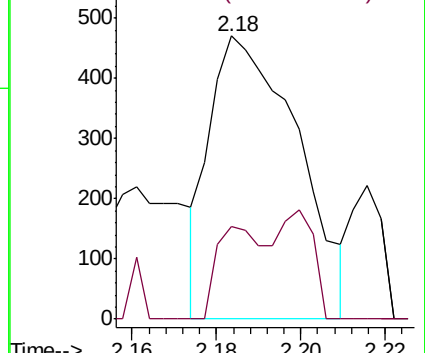
43 100

58 15.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.604 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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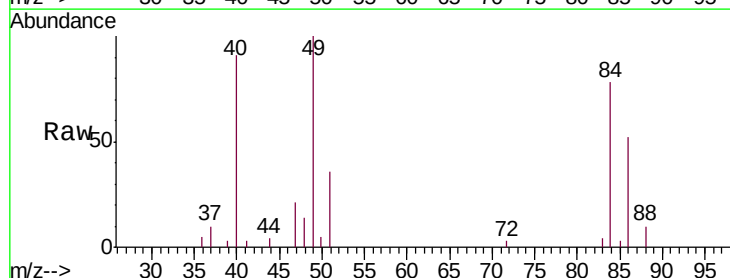
Tgt Ion: 84 Resp: 6915

Ion Ratio Lower Upper

84 100

49 127.9 90.4 167.8

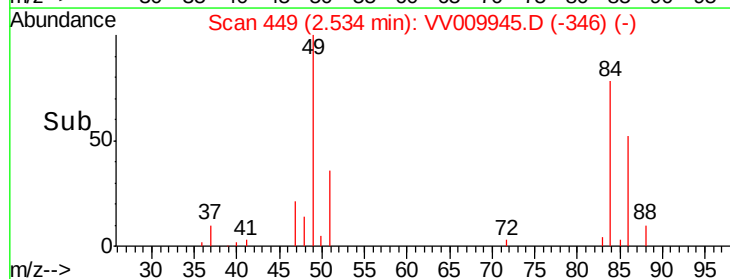
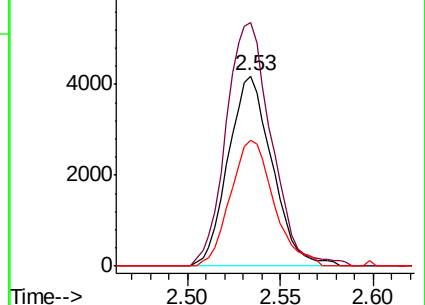
86 66.2 44.0 81.6

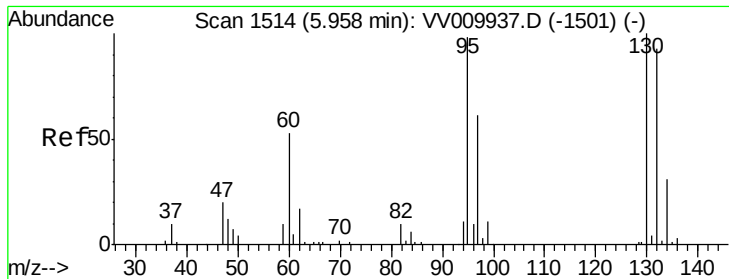


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

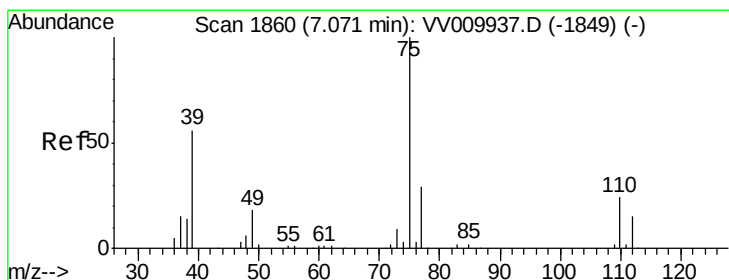
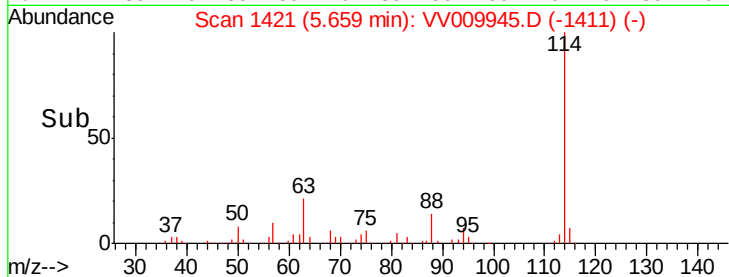
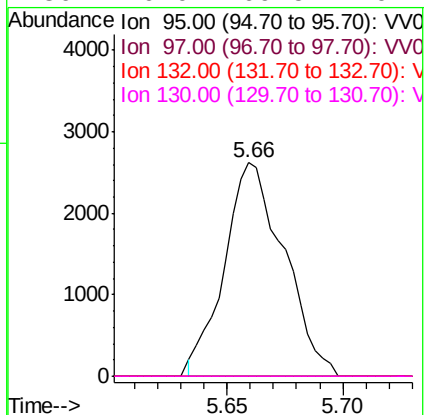
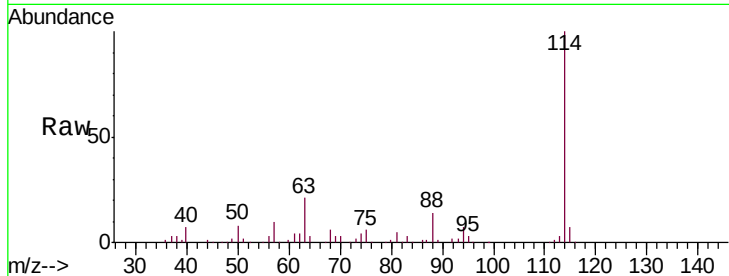




#35
 Trichloroethene
 Concen: 1.957 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
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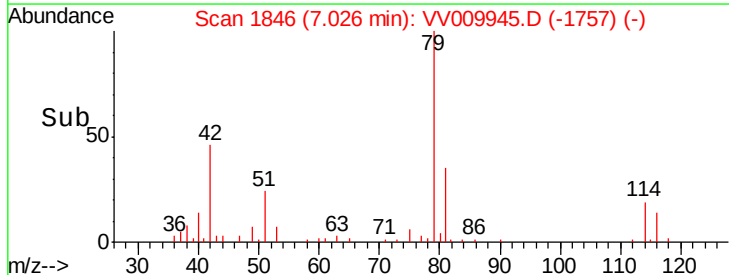
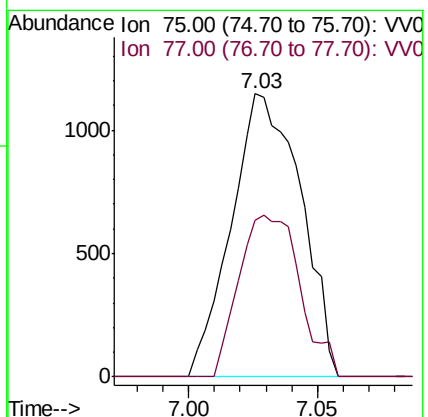
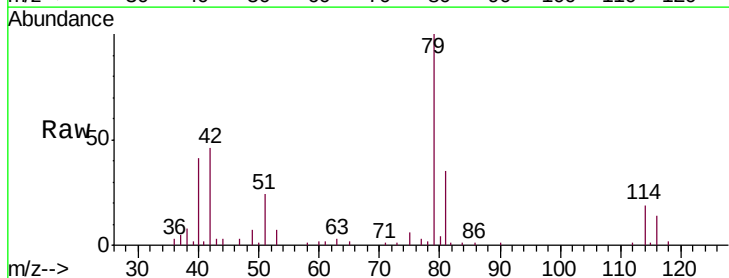
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0M2

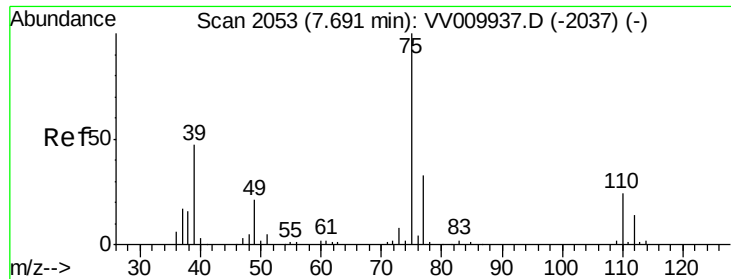
Tgt Ion: 95 Resp: 4671
 Ion Ratio Lower Upper
 95 100
 97 0.8 46.3 85.9#
 132 0.9 69.3 128.7#
 130 0.0 69.5 129.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009945.D
 Acq: 27 Mar 2019 23:55

Tgt Ion: 75 Resp: 2152
 Ion Ratio Lower Upper
 75 100
 77 55.2 21.8 40.6#





#45

trans-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009945.D

Acq: 27 Mar 2019 23:55

Instrument :

MSVOA_V

ClientSampleId :

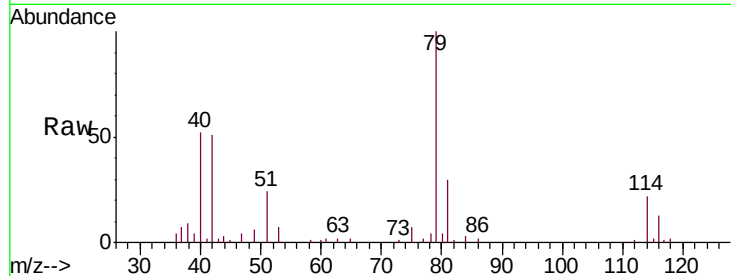
BF0M2

Tgt Ion: 75 Resp: 1247

Ion Ratio Lower Upper

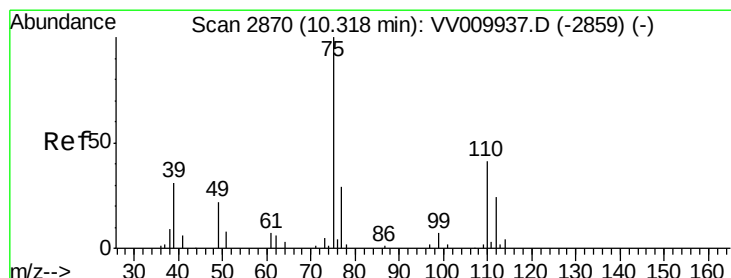
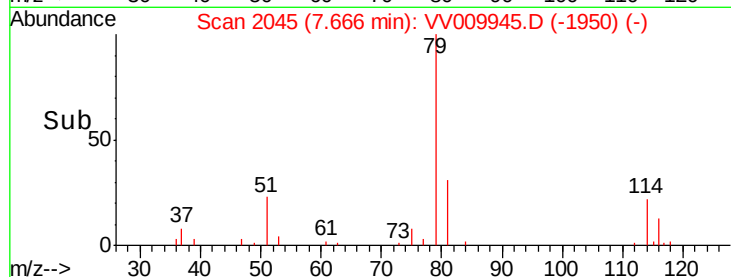
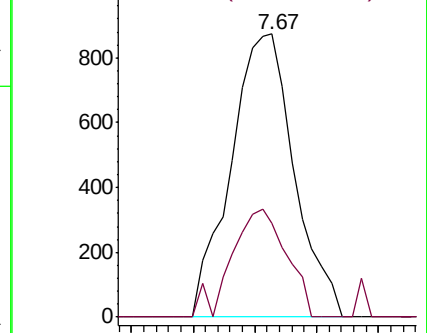
75 100

77 33.3 20.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.870 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009945.D

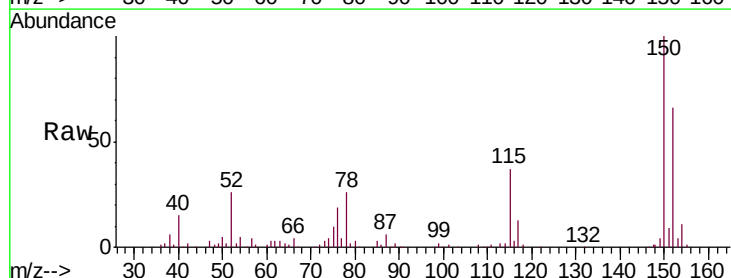
Acq: 27 Mar 2019 23:55

Tgt Ion: 75 Resp: 10676

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

