

Data File : VV009325.D
Acq On : 21 Feb 2019 15:20
Operator : SY/MD
Sample : K1553-10
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5X5

Quant Time: Feb 22 04:56:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147423	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61597	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48461	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	1.58	69	66295	28.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.28%
10) 1,1-Dichloroethene-d2	2.13	63	96610	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.12%
20) 2-Butanone-d5	3.95	46	25987	37.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.72%
24) Chloroform-d	4.40	84	81860	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.08	65	46726	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	5.10	84	175450	25.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.16%
33) 1,2-Dichloropropane-d6	6.12	67	53933	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.60%
37) Toluene-d8	7.36	98	160812	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	7.66	79	23769	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	8.14	63	22929	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50055	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	56794	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

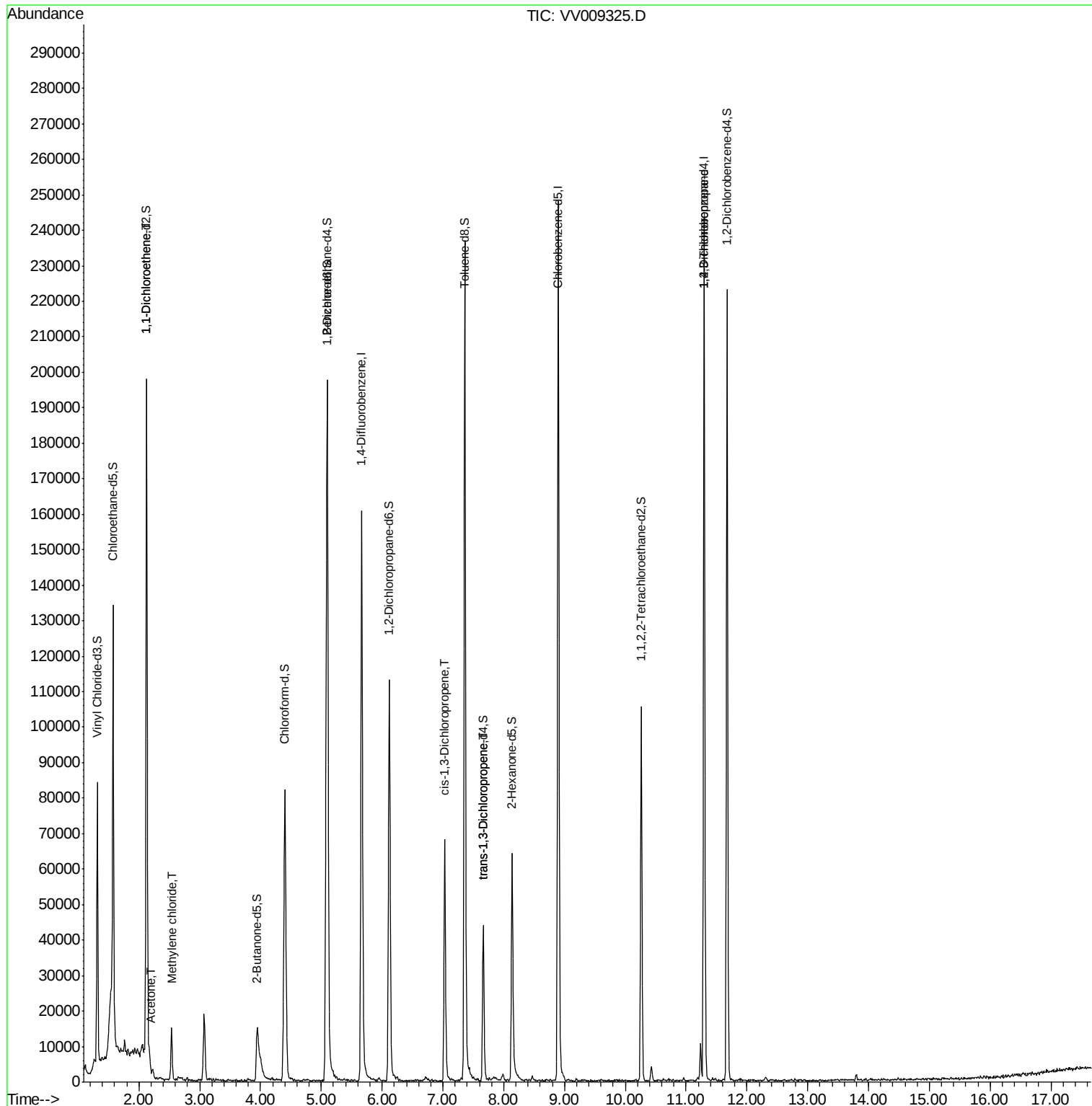
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1103	0.510 ug/L #	1
13) Acetone	2.20	43	831	1.238 ug/L	44
16) Methylene chloride	2.54	84	6307	2.828 ug/L	96
42) cis-1,3-Dichloropropene	7.04	75	1896	0.603 ug/L	87
45) trans-1,3-Dichloropropene	7.67	75	1292	0.469 ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	8559	5.126 ug/L	94

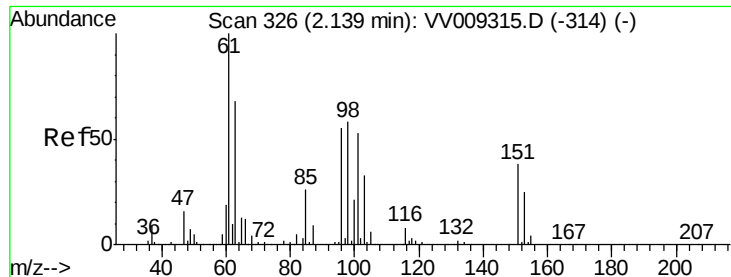
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.510 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BF5X5

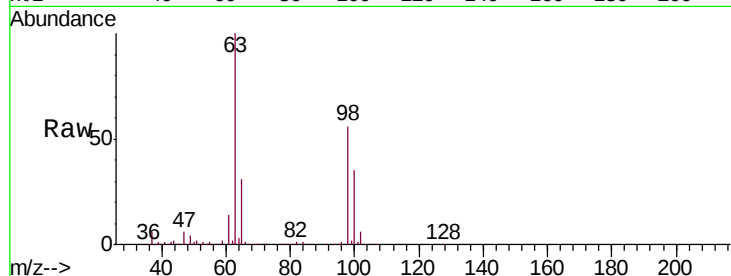
Tgt Ion: 96 Resp: 1103

Ion Ratio Lower Upper

96 100

61 1500.6 123.3 228.9#

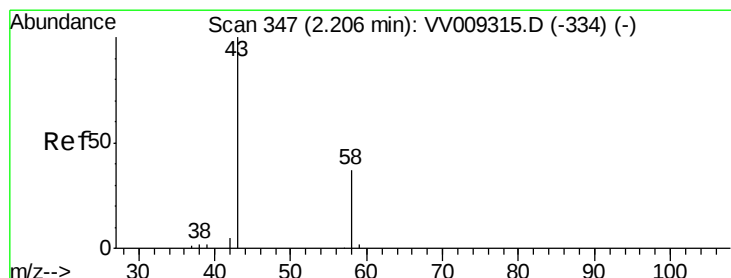
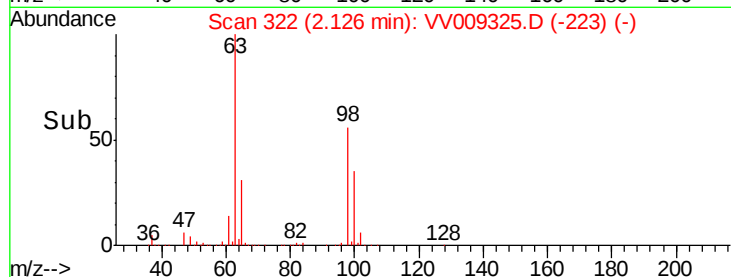
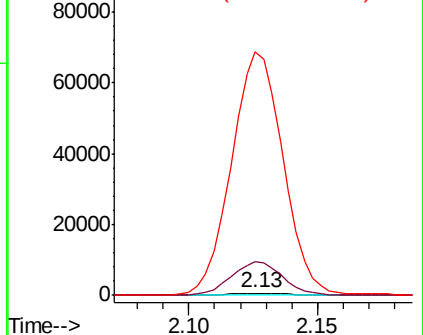
63 10914.3 88.4 164.2#



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



#13

Acetone

Concen: 1.238 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

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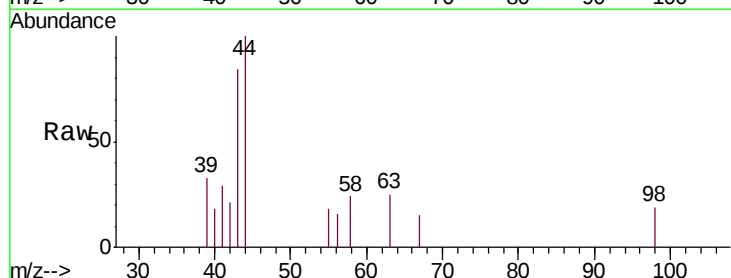
Acq: 21 Feb 2019 15:20

Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

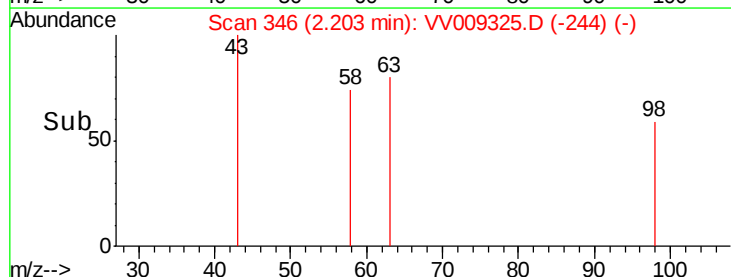
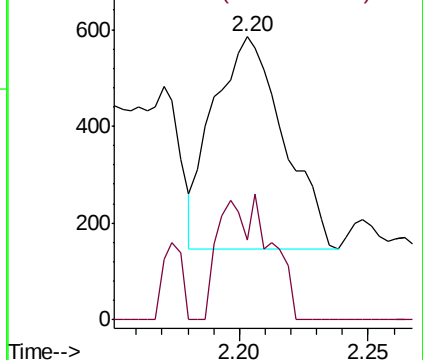
43 100

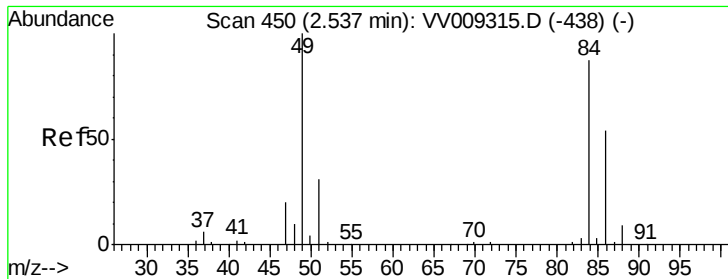
58 3.1 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

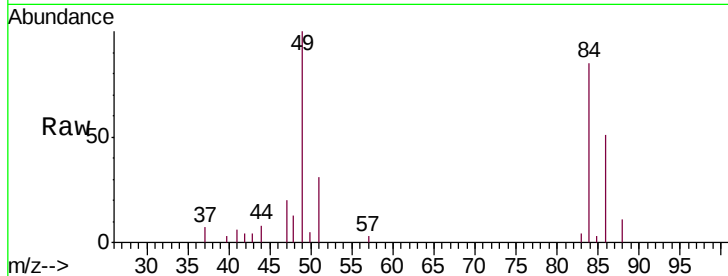




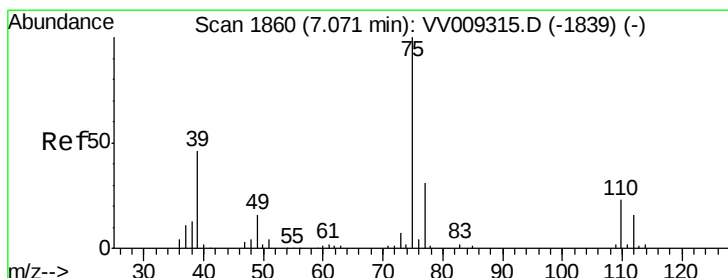
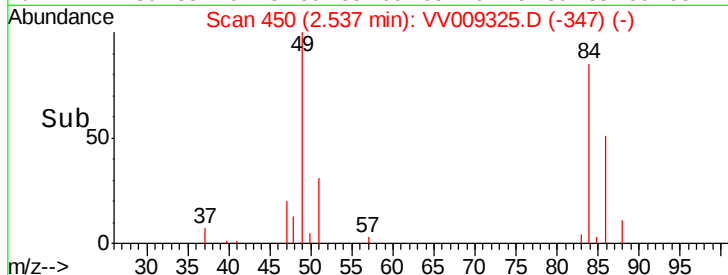
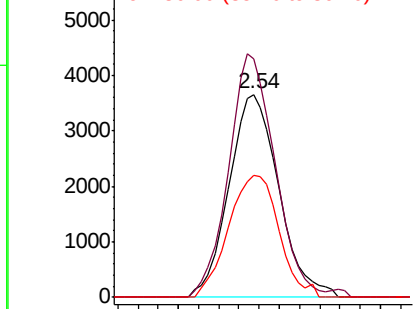
#16
Methylene chloride
Concen: 2.828 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009325.D
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Tgt Ion: 84 Resp: 6307
Ion Ratio Lower Upper
84 100
49 117.6 78.7 146.1
86 60.0 44.0 81.6

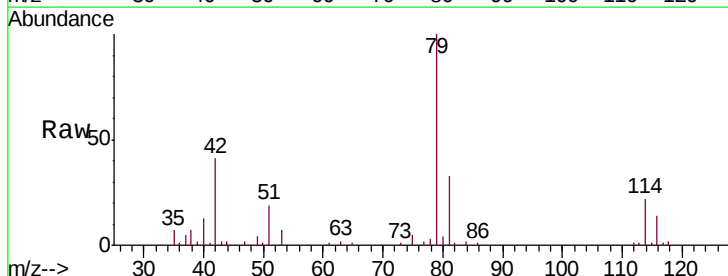


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

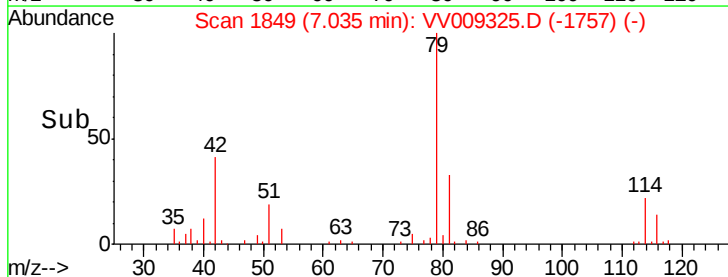
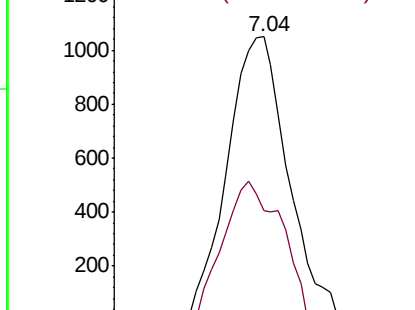


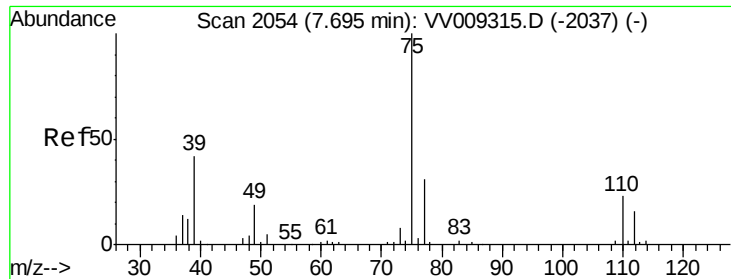
#42
cis-1,3-Dichloropropene
Concen: 0.603 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV009325.D
Acq: 21 Feb 2019 15:20

Tgt Ion: 75 Resp: 1896
Ion Ratio Lower Upper
75 100
77 38.8 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#45

trans-1,3-Dichloropropene

Concen: 0.469 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009325.D

Acq: 21 Feb 2019 15:20

Instrument :

MSVOA_V

ClientSampleId :

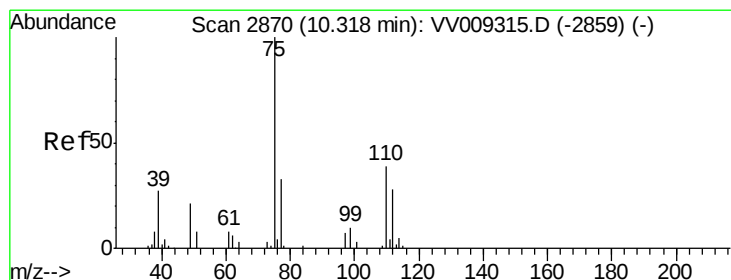
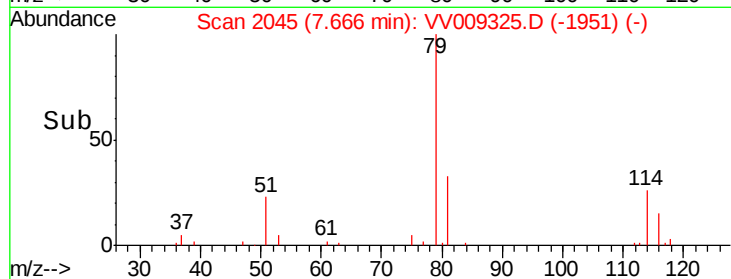
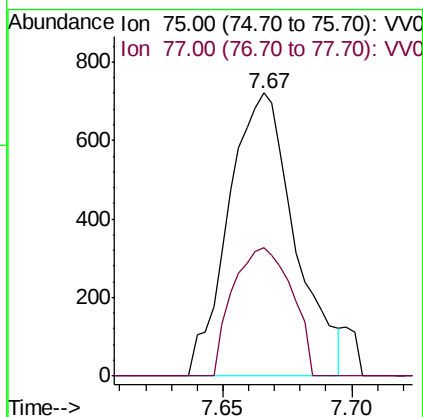
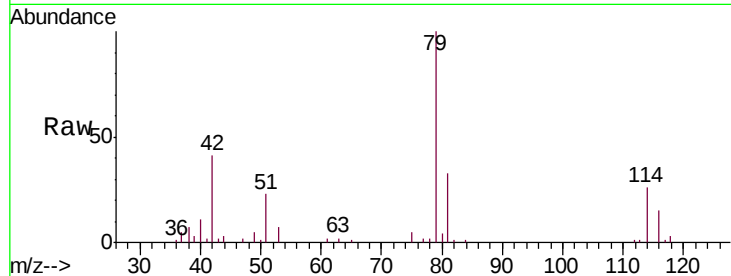
BF5X5

Tgt Ion: 75 Resp: 1292

Ion Ratio Lower Upper

75 100

77 45.2 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 5.126 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009325.D

Acq: 21 Feb 2019 15:20

Tgt Ion: 75 Resp: 8559

Ion Ratio Lower Upper

75 100

77 36.0 26.3 39.5

