

Data File : VV010756.D
Acq On : 09 May 2019 07:39
Operator : SY/MD
Sample : K2693-06
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE1

Quant Time: May 09 08:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	62979	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	66946	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	14339	14.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.64%
7) Chloroethane-d5	1.56	69	16201	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
10) 1,1-Dichloroethene-d2	2.12	63	19737	9.30	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.20%#
20) 2-Butanone-d5	3.92	46	11173	38.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.12%
24) Chloroform-d	4.39	84	41217	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.07	65	28173	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.08%
29) Benzene-d6	5.09	84	78642	22.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.28%
33) 1,2-Dichloropropane-d6	6.11	67	28572	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	7.36	98	68205	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	7.66	79	9471	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.00%
39) 2-Hexanone-d5	8.13	63	7694	32.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	20579	19.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	21697	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

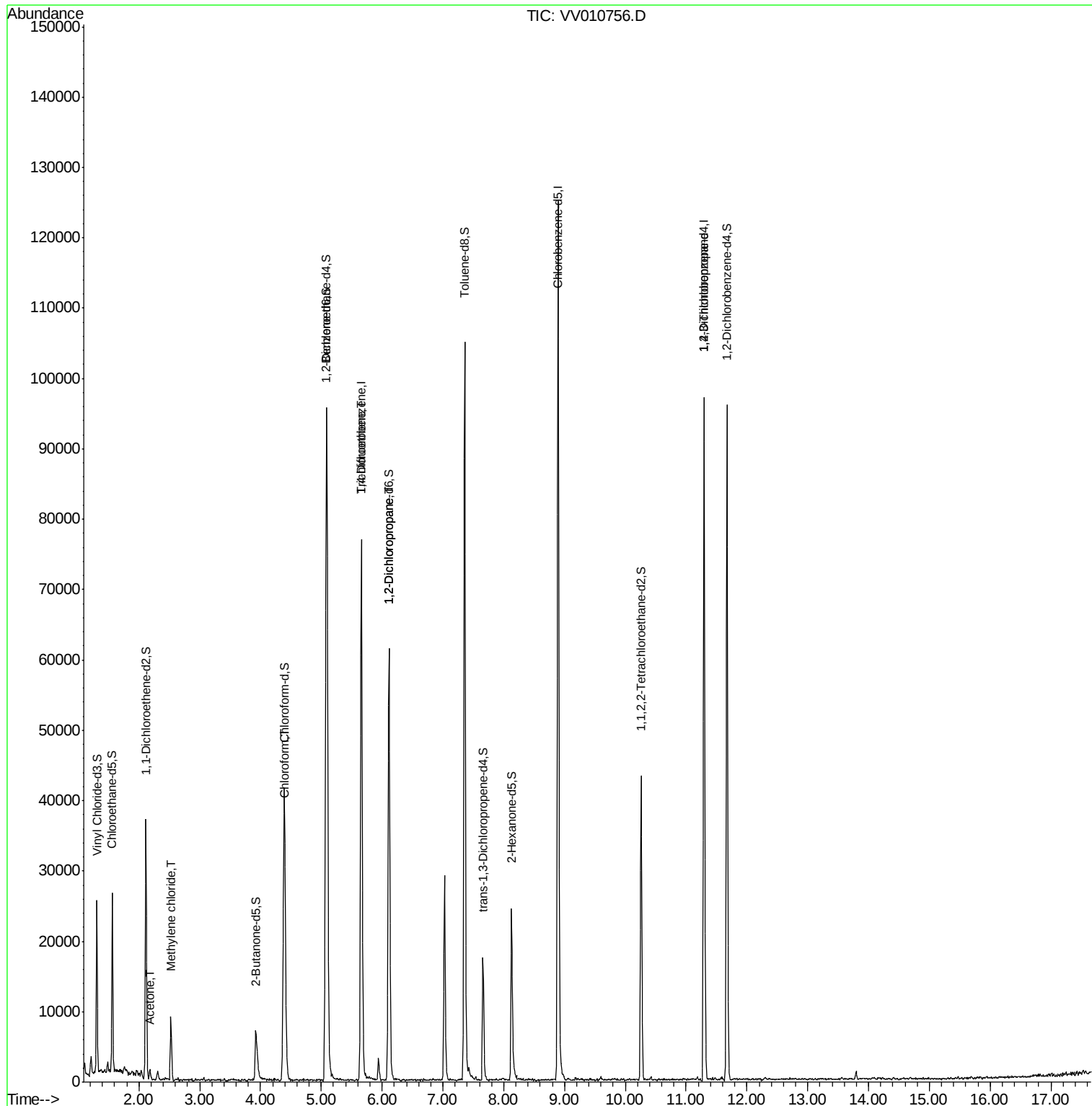
					Qvalue
13) Acetone	2.18	43	1217	2.678 ug/L	70
16) Methylene chloride	2.53	84	3857	3.961 ug/L	97
25) Chloroform	4.41	83	2724	1.429 ug/L #	50
35) Trichloroethene	5.66	95	1992	1.810 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	3530	3.377 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	3472	3.954 ug/L #	80

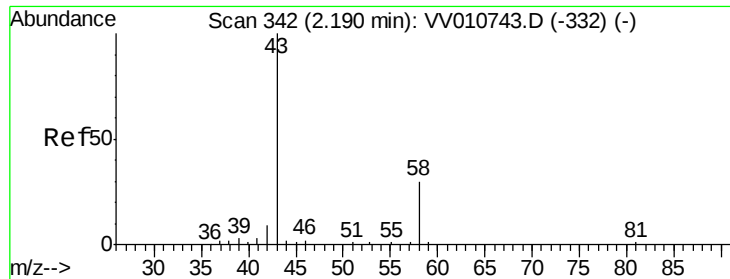
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.678 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Acq: 09 May 2019 07:39

Instrument :

MSVOA_V

ClientSampled :

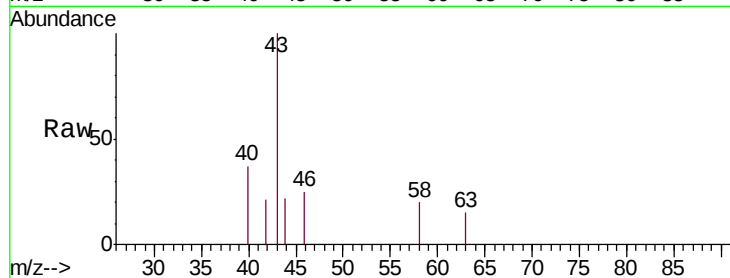
BFHE1

Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

58 14.8 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010743.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010743.D (-332) (-)

2.18

800

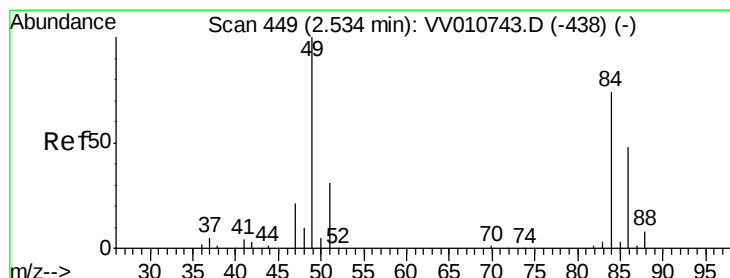
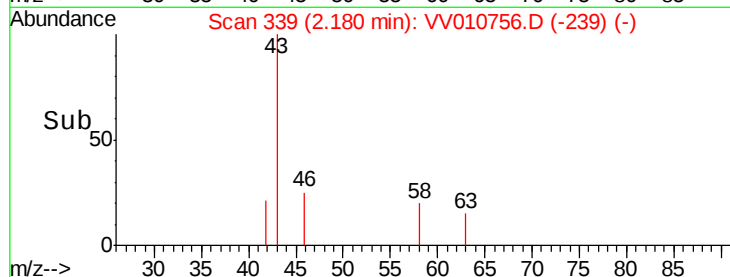
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 3.961 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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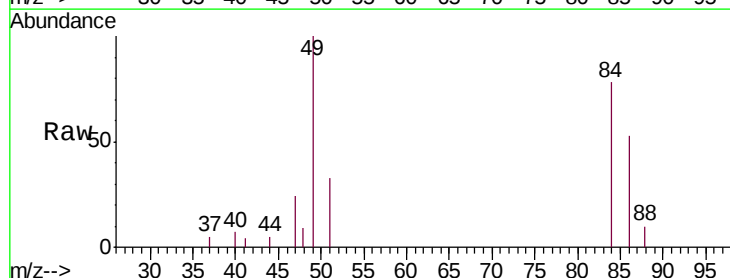
Tgt Ion: 84 Resp: 3857

Ion Ratio Lower Upper

84 100

49 128.9 92.9 172.5

86 67.9 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010743.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010743.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010743.D (-438) (-)

4000

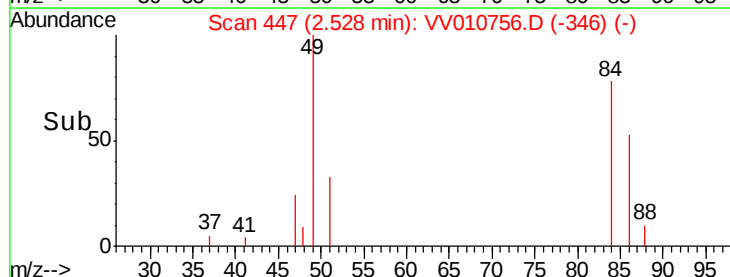
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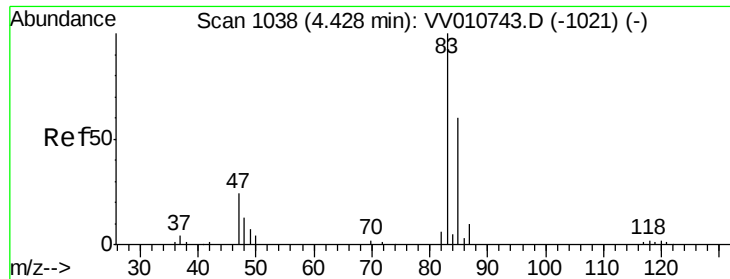
2000

1000

0

Time-->

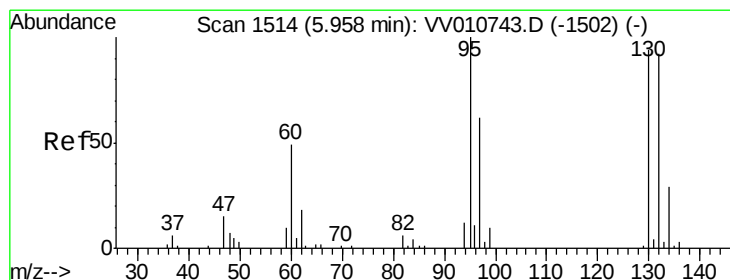
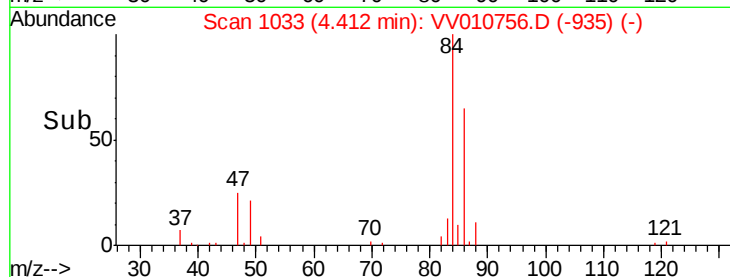
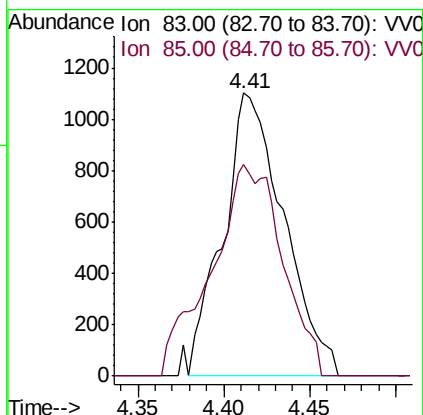
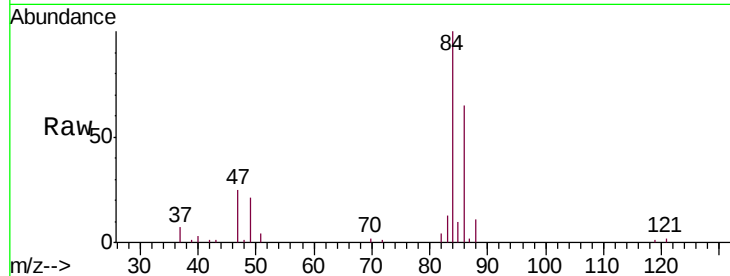




#25
Chloroform
Concen: 1.429 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.02 min
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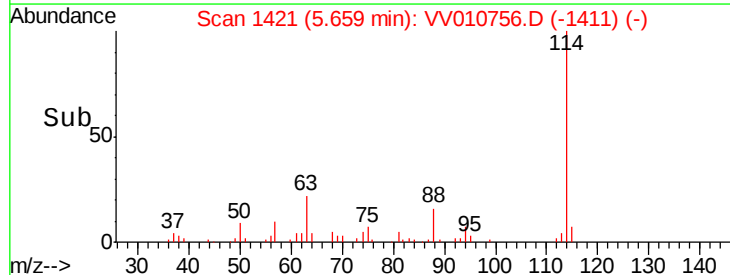
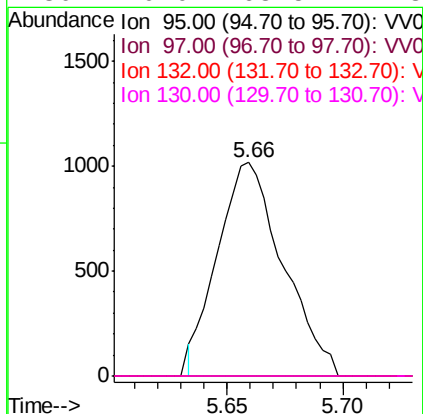
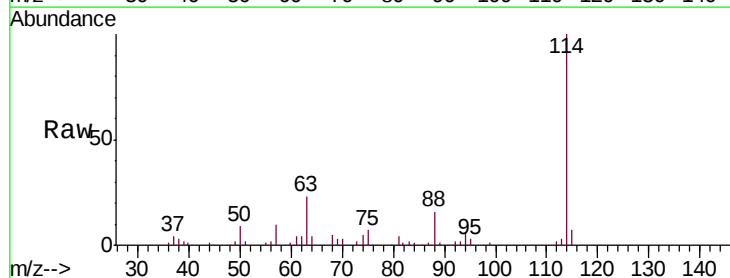
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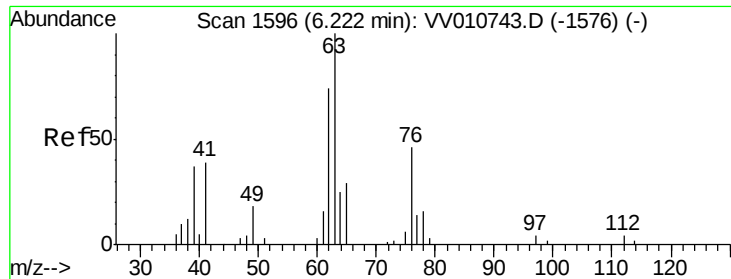
Tgt Ion: 83 Resp: 2724
Ion Ratio Lower Upper
83 100
85 25.0 44.6 82.8#



#35
Trichloroethene
Concen: 1.810 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010756.D
Acq: 09 May 2019 07:39

Tgt Ion: 95 Resp: 1992
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#

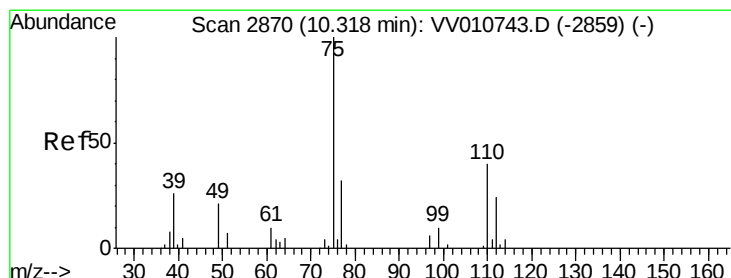
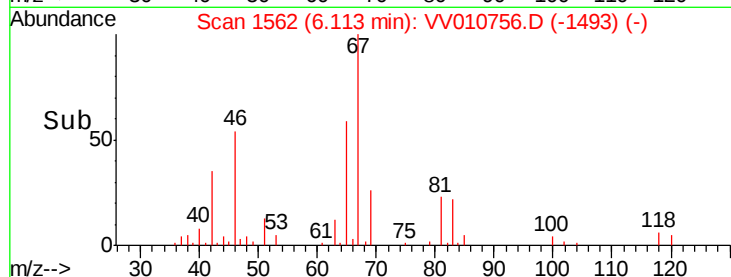
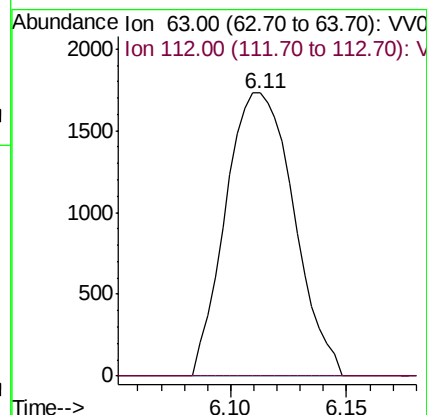
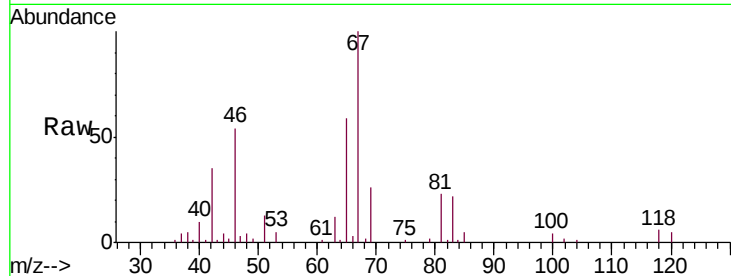




#40
 1,2-Dichloropropane
 Concen: 3.377 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
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 BFHE1

Tgt Ion: 63 Resp: 3530
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 3.954 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010756.D
 Acq: 09 May 2019 07:39

Tgt Ion: 75 Resp: 3472
 Ion Ratio Lower Upper
 75 100
 77 42.3 25.0 37.6#

