

Data File : VV010757.D
Acq On : 09 May 2019 08:07
Operator : SY/MD
Sample : K2693-07
Misc : 5.91G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE2

Quant Time: May 09 08:32:33 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	81089	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	80110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	19852	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.04%
7) Chloroethane-d5	1.56	69	22885	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	2.12	63	27136	9.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.72%#
20) 2-Butanone-d5	3.92	46	16444	43.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.00%
24) Chloroform-d	4.39	84	52725	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.07	65	37265	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.96%
29) Benzene-d6	5.09	84	107584	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	6.11	67	37018	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	7.36	98	97043	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	7.66	79	13457	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	8.13	63	11404	40.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27520	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	32300	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

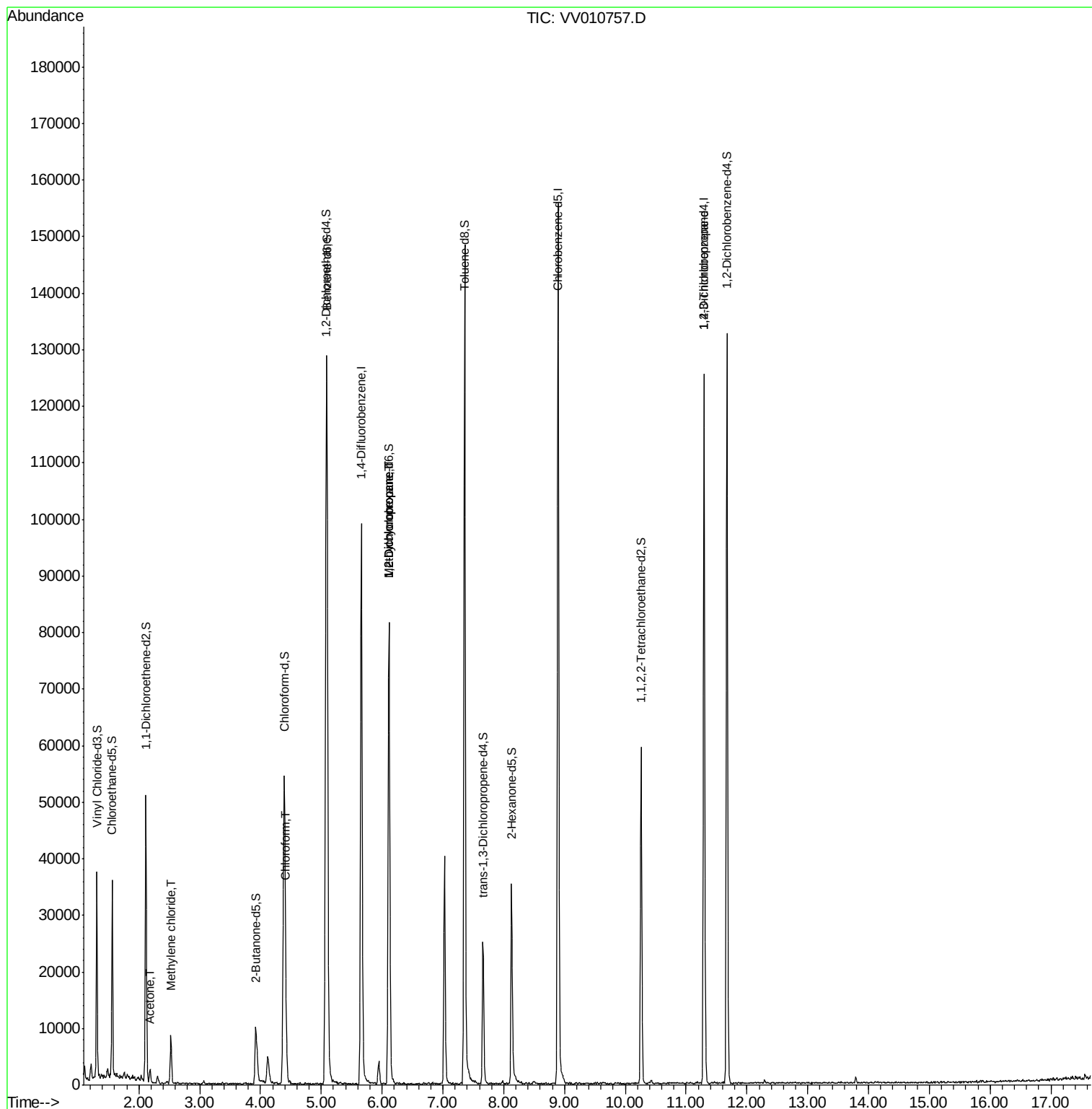
					Qvalue
13) Acetone	2.18	43	2287	3.908 ug/L	91
16) Methylene chloride	2.53	84	3263	2.602 ug/L	97
25) Chloroform	4.42	83	4372	1.781 ug/L	79
36) Methylcyclohexane	6.11	83	8986	4.256 ug/L #	22
40) 1,2-Dichloropropane	6.11	63	4557	3.643 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4091	3.893 ug/L #	85

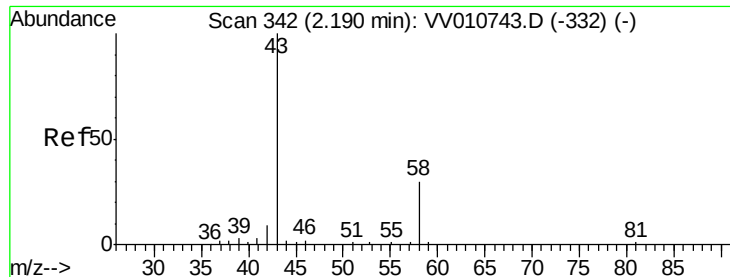
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.908 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010757.D

Acq: 09 May 2019 08:07

Instrument :

MSVOA_V

ClientSampled :

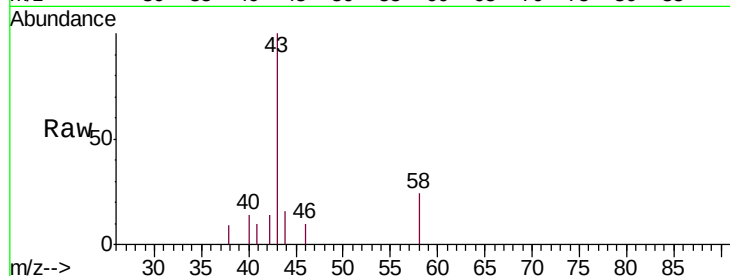
BFHE2

Tgt Ion: 43 Resp: 2287

Ion Ratio Lower Upper

43 100

58 26.5 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

1500

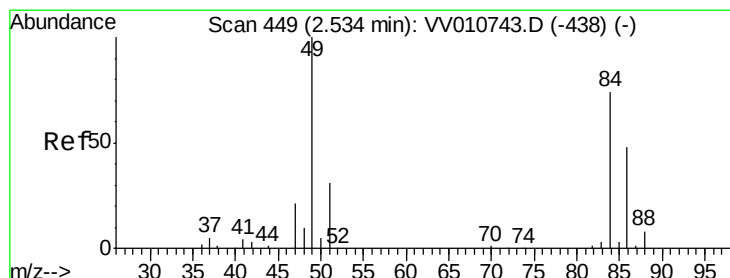
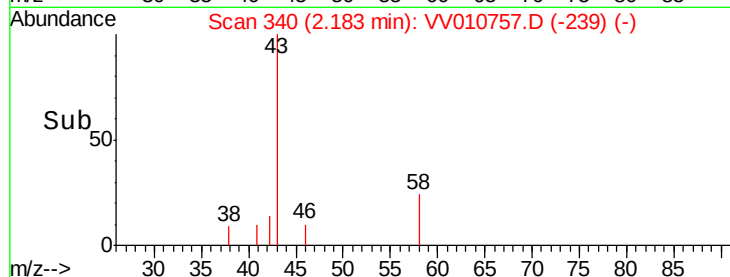
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 2.602 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010757.D

Acq: 09 May 2019 08:07

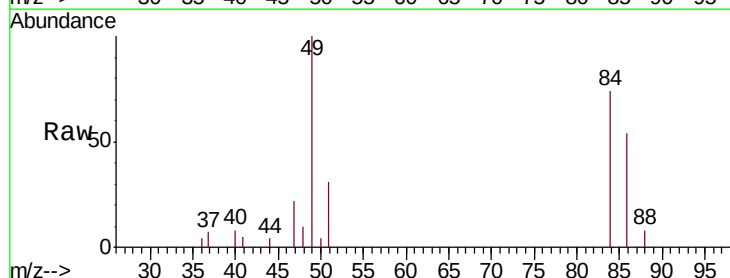
Tgt Ion: 84 Resp: 3263

Ion Ratio Lower Upper

84 100

49 134.3 92.9 172.5

86 72.4 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) (-)

2.53

3000

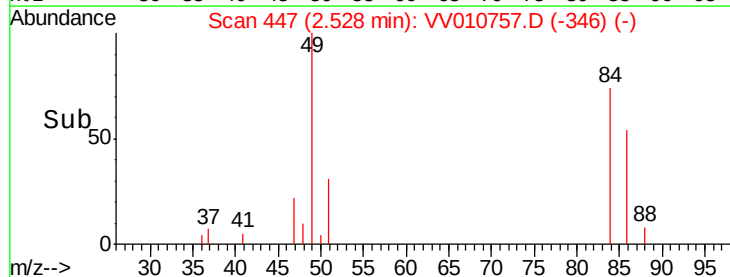
2000

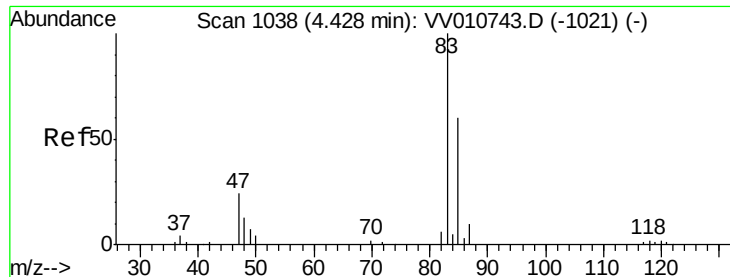
1000

0

2.50 2.55

Time-->

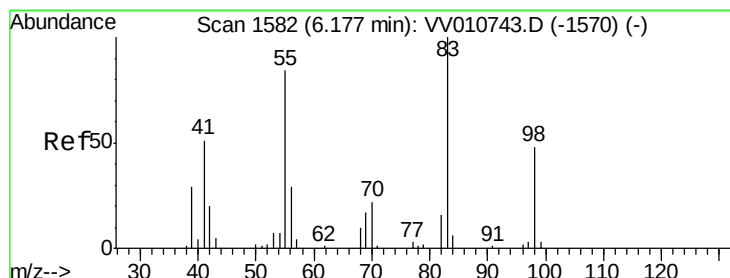
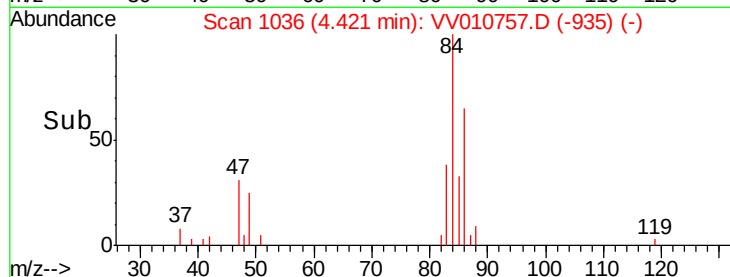
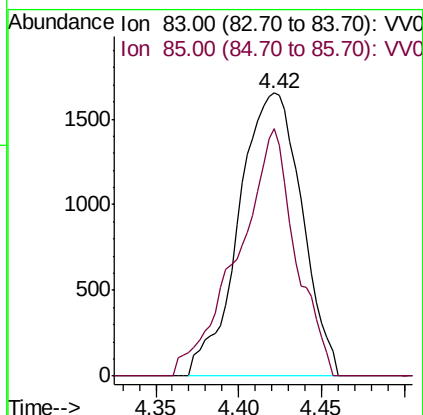
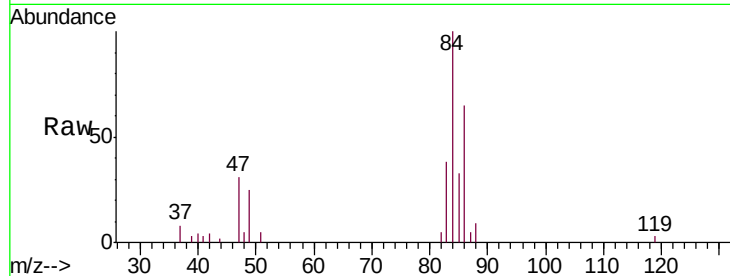




#25
Chloroform
Concen: 1.781 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010757.D
Acq: 09 May 2019 08:07

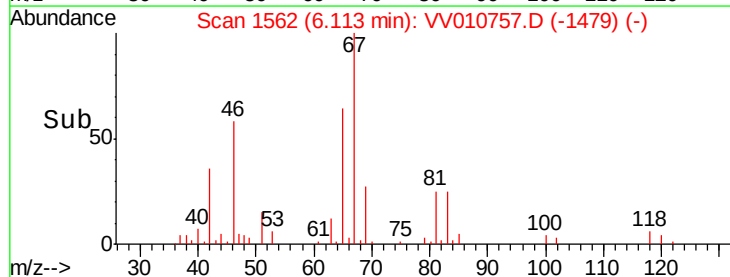
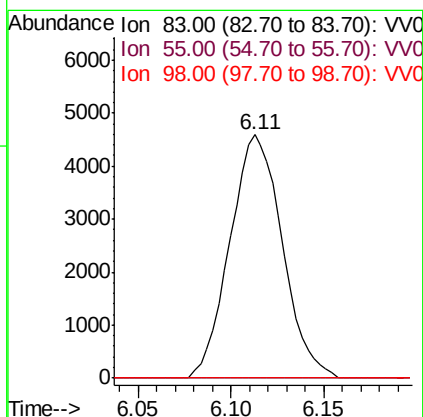
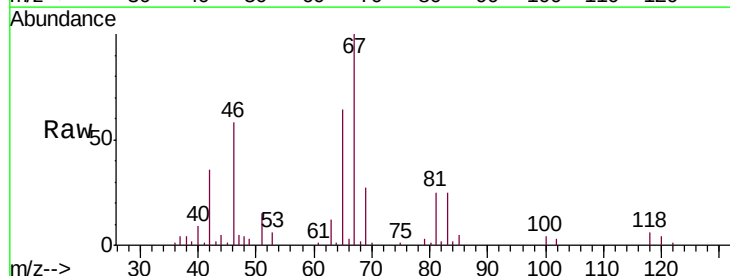
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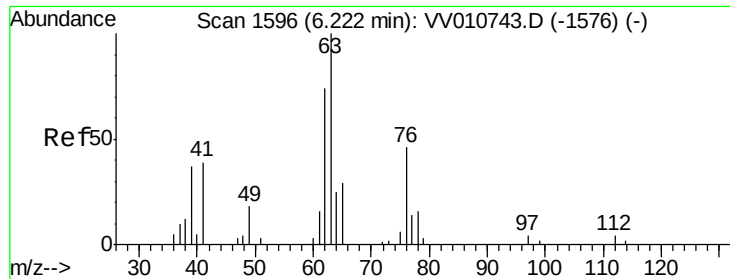
Tgt Ion: 83 Resp: 4372
Ion Ratio Lower Upper
83 100
85 79.7 44.6 82.8



#36
Methylcyclohexane
Concen: 4.256 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010757.D
Acq: 09 May 2019 08:07

Tgt Ion: 83 Resp: 8986
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 10.1 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 3.643 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010757.D

Acq: 09 May 2019 08:07

Instrument :

MSVOA_V

ClientSampleId :

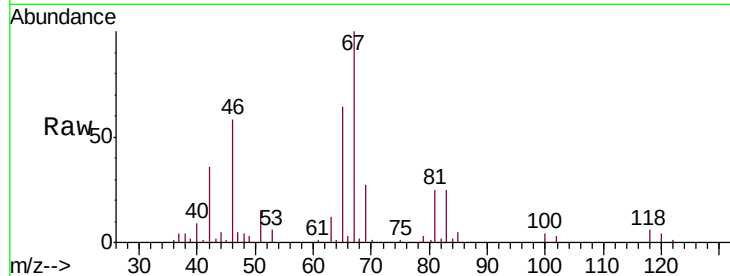
BFHE2

Tgt Ion: 63 Resp: 4557

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010743.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV010743.D (-1576) (-)

6.11

2500

2000

1500

1000

500

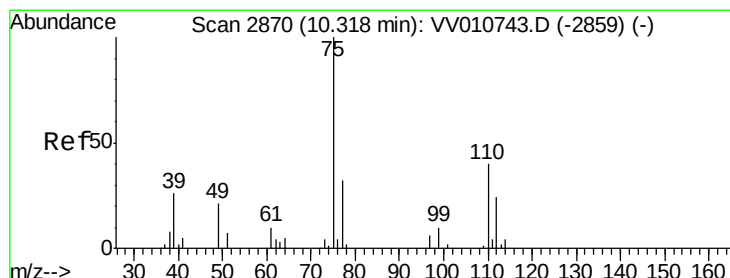
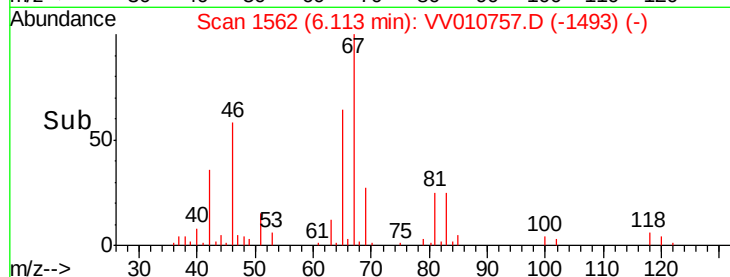
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.893 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010757.D

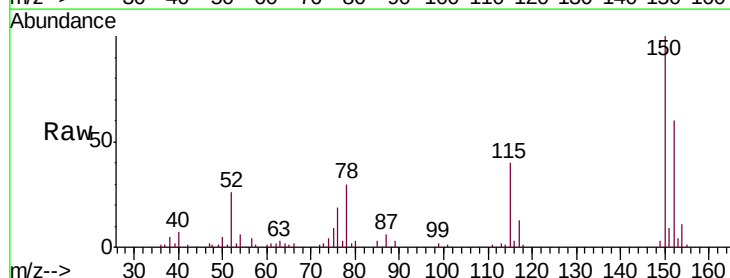
Acq: 09 May 2019 08:07

Tgt Ion: 75 Resp: 4091

Ion Ratio Lower Upper

75 100

77 39.5 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010743.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010743.D (-2859) (-)

11.29

3000

2500

2000

1500

1000

500

0

11.25

11.30

Time-->

