

Data File : VV010903.D
Acq On : 15 May 2019 18:04
Operator : SY/MD
Sample : VV0515SBL04
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK92

Quant Time: May 16 08:12:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130950	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59174	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40910	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
7) Chloroethane-d5	1.56	69	29692	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
10) 1,1-Dichloroethene-d2	2.12	63	59336	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.16%
20) 2-Butanone-d5	3.93	46	27794	52.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.90%
24) Chloroform-d	4.40	84	69783	18.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.84%
26) 1,2-Dichloroethane-d4	5.08	65	49302	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	5.09	84	170301	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	6.11	67	55180	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	7.36	98	159373	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.40%
38) trans-1,3-Dichloropropene-	7.66	79	21655	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	8.13	63	19152	44.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49719	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	56995	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds

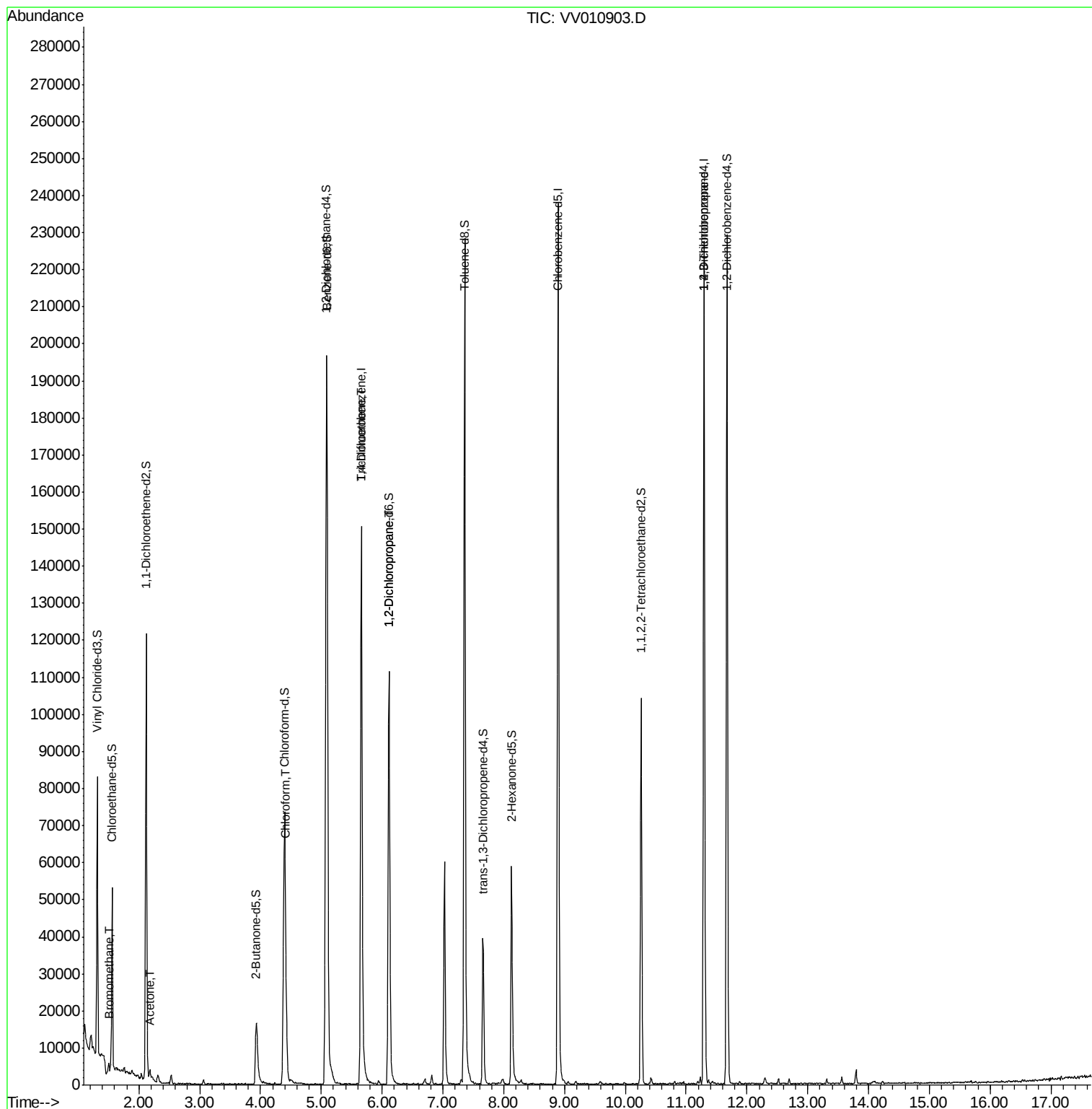
					Qvalue
6) Bromomethane	1.51	94	577	1.327 ug/L	66
13) Acetone	2.19	43	1118	2.091 ug/L	76
25) Chloroform	4.42	83	13161	3.486 ug/L	90
35) Trichloroethene	5.66	95	3454	1.763 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	6074	2.950 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	7780	4.904 ug/L	96

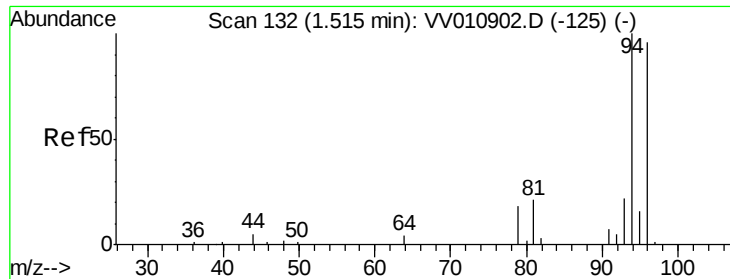
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.327 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.01 min

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Acq: 15 May 2019 18:04

Instrument :

MSVOA_V

ClientSampleId :

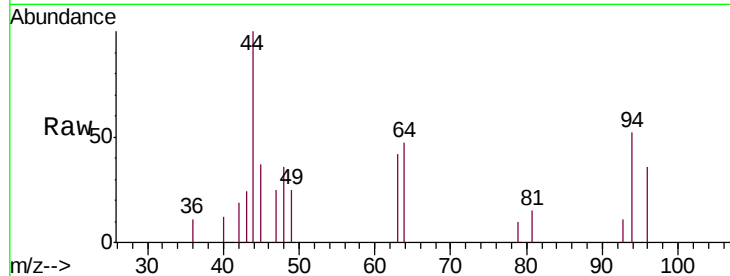
VBLK92

Tgt Ion: 94 Resp: 577

Ion Ratio Lower Upper

94 100

96 62.2 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010903.D (-29) (-)

Ion 96.00 (95.70 to 96.70): VV010903.D (-29) (-)

1.51

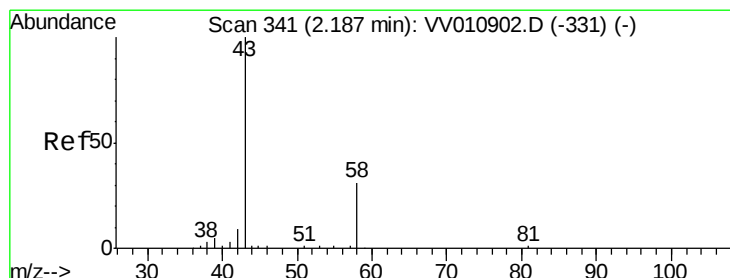
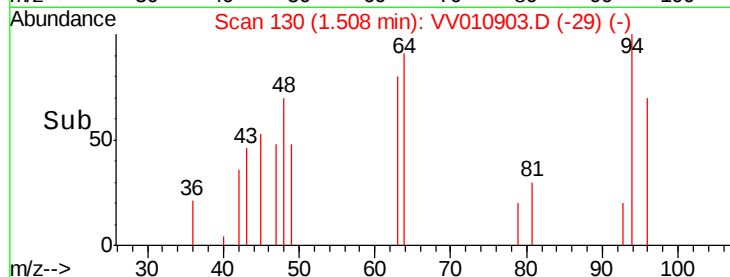
600

400

200

0

Time--> 1.48 1.50 1.52



#13

Acetone

Concen: 2.091 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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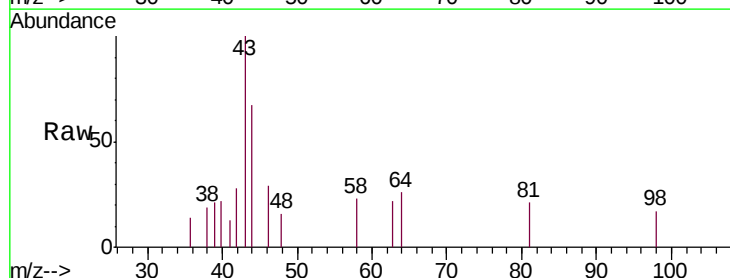
Acq: 15 May 2019 18:04

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

58 20.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010903.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010903.D (-238) (-)

2.19

800

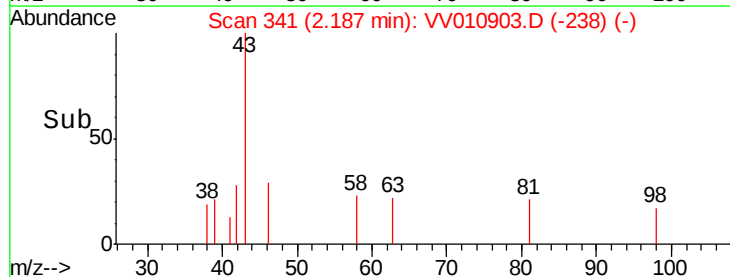
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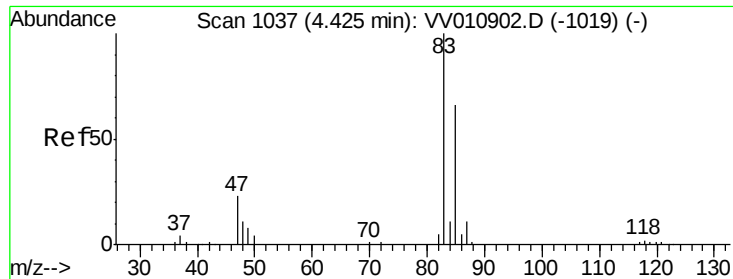
400

200

0

Time--> 2.14 2.16 2.18 2.20 2.22

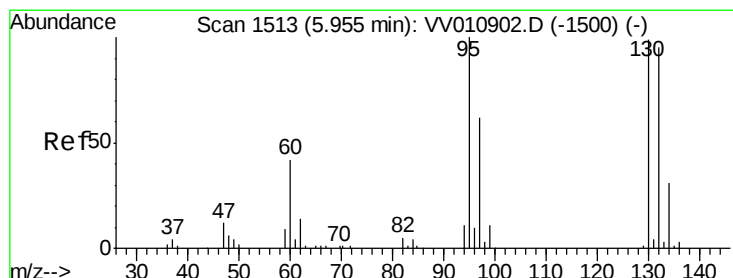
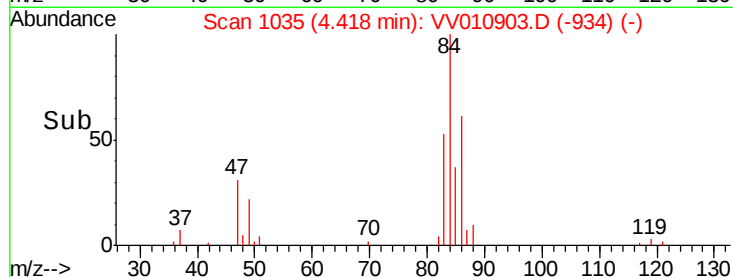
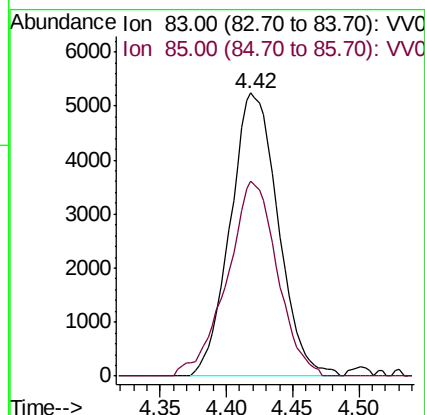
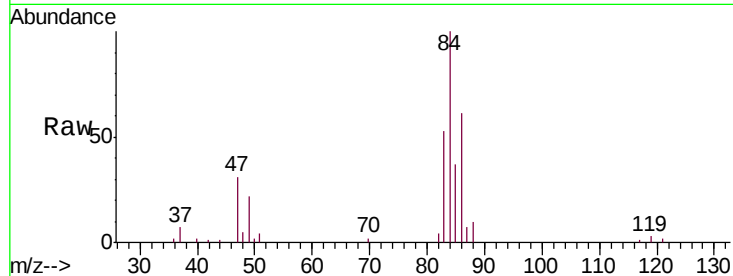




#25
Chloroform
Concen: 3.486 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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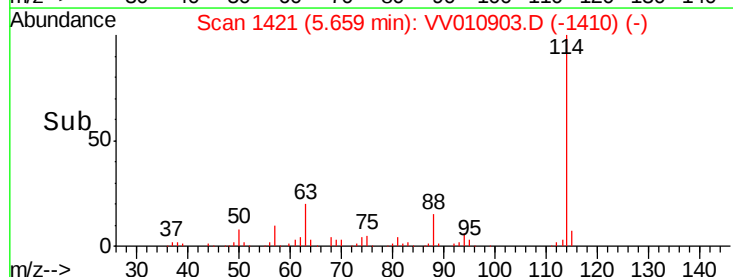
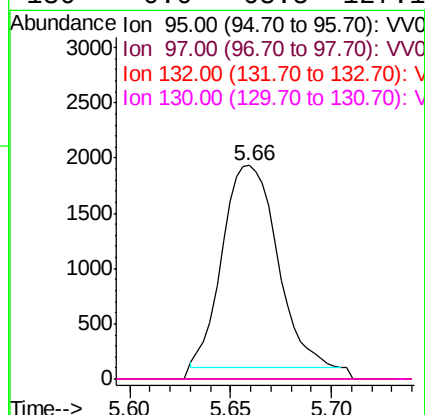
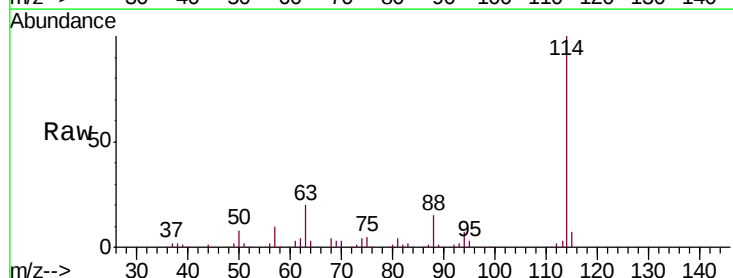
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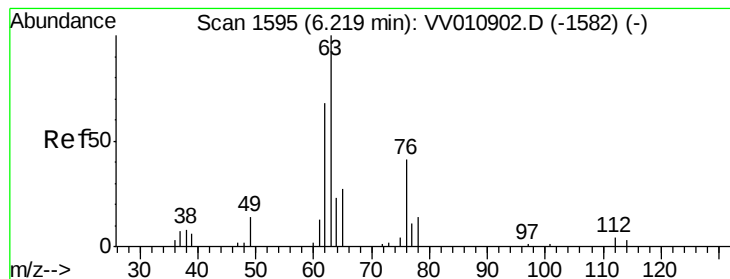
Tgt Ion: 83 Resp: 13161
Ion Ratio Lower Upper
83 100
85 72.2 45.3 84.1



#35
Trichloroethene
Concen: 1.763 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010903.D
Acq: 15 May 2019 18:04

Tgt Ion: 95 Resp: 3454
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#





#40

1,2-Dichloropropane

Concen: 2.950 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010903.D

Acq: 15 May 2019 18:04

Instrument :

MSVOA_V

ClientSampleId :

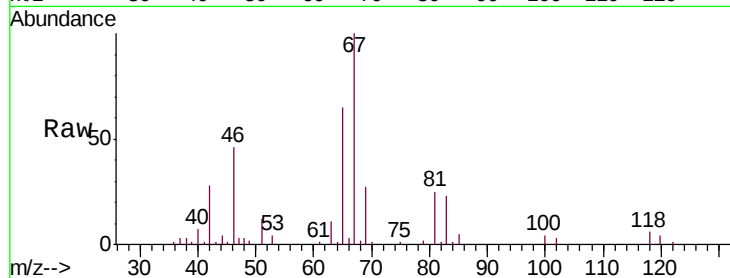
VBLK92

Tgt Ion: 63 Resp: 6074

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010902.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010902.D (-1582) (-)

6.11

3000

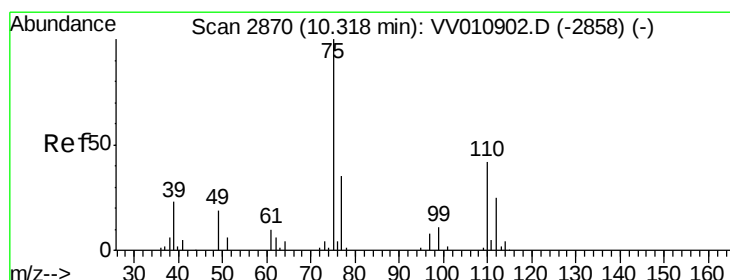
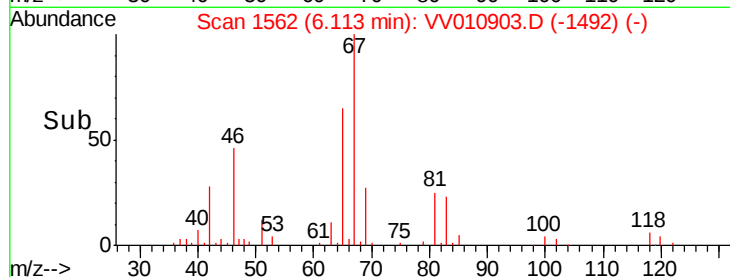
2000

1000

0

6.05 6.10 6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.904 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010903.D

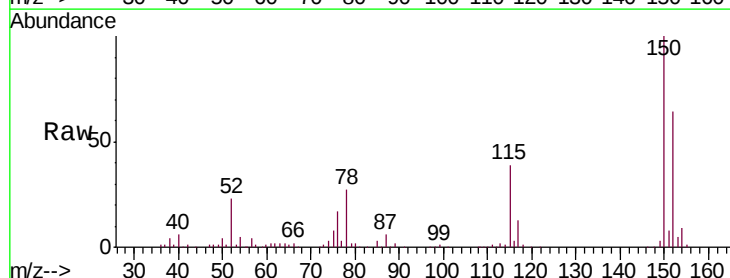
Acq: 15 May 2019 18:04

Tgt Ion: 75 Resp: 7780

Ion Ratio Lower Upper

75 100

77 35.2 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV010902.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV010902.D (-2858) (-)

11.29

5000

4000

3000

2000

1000

0

11.25 11.30 11.35

Time-->

