

Data File : VV011125.D
Acq On : 30 May 2019 01:38
Operator : SY/MD
Sample : KK3017-15
Misc : 5.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E8

Quant Time: May 30 04:53:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	19762	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	12671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	2845	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	7536	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.28%
7) Chloroethane-d5	1.57	69	7424	38.39	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	153.56%#
10) 1,1-Dichloroethene-d2	2.13	63	11918	23.65	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.60%
20) 2-Butanone-d5	4.18	46	269	2.88	ug/L	0.24
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5.76%#
24) Chloroform-d	4.40	84	12963	27.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.09	65	8961	29.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.00%
29) Benzene-d6	5.10	84	25808	34.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.16%#
33) 1,2-Dichloropropane-d6	6.11	67	8974	38.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.08%#
37) Toluene-d8	7.36	98	19352	28.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.20%
38) trans-1,3-Dichloropropene-	7.67	79	2673	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.24%
39) 2-Hexanone-d5	8.30	63	82	1.59	ug/L	0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.18%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6029	29.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	3052	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds

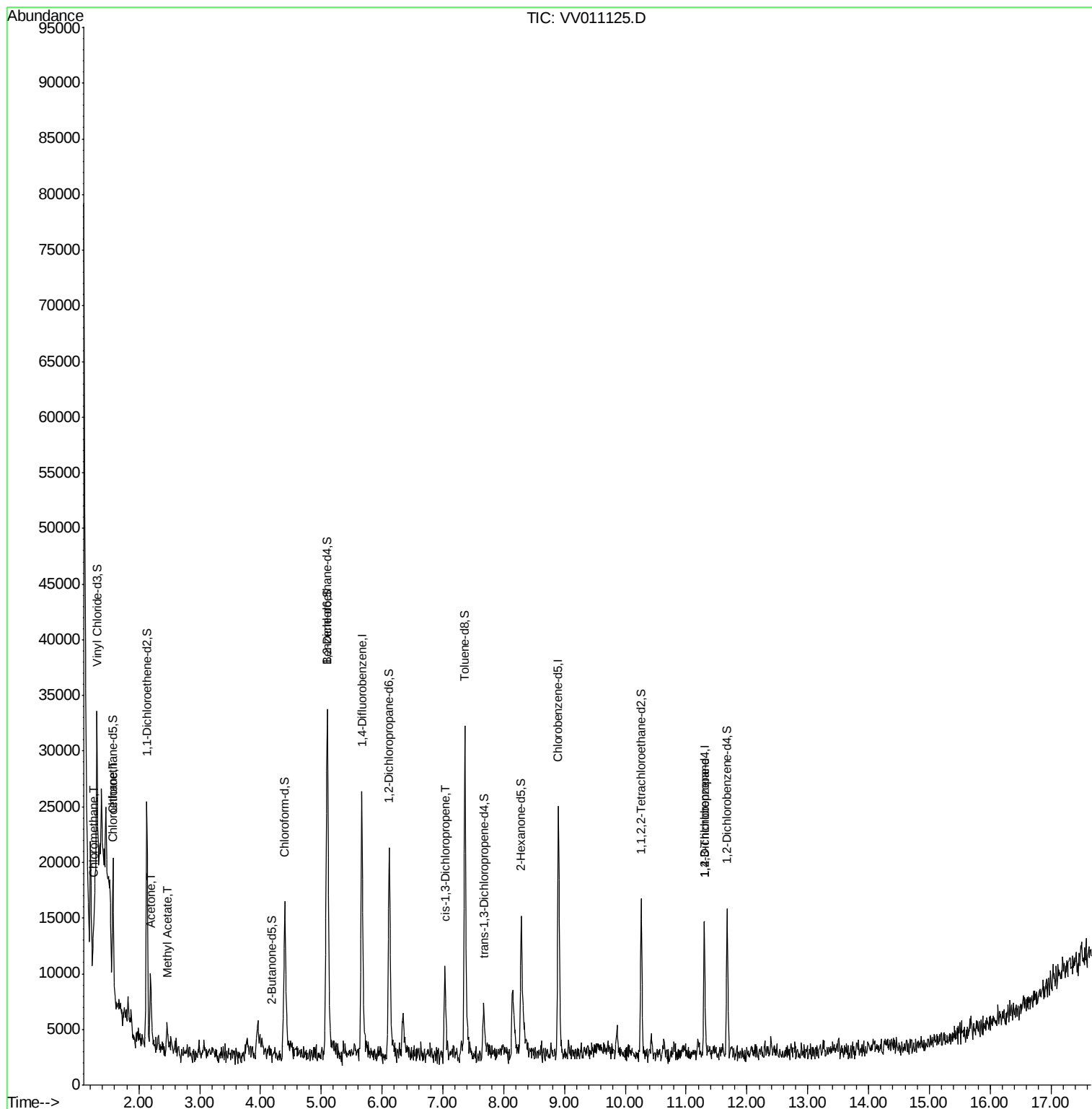
					Qvalue
3) Chloromethane	1.25	50	289	0.909 ug/L	97
8) Chloroethane	1.59	64	287	1.803 ug/L	87
13) Acetone	2.19	43	7584	71.690 ug/L	99
15) Methyl Acetate	2.47	43	3172	20.773 ug/L #	100
42) cis-1,3-Dichloropropene	7.03	75	247	0.757 ug/L #	36
59) 1,2,3-Trichloropropane	11.30	75	506	3.321 ug/L	97

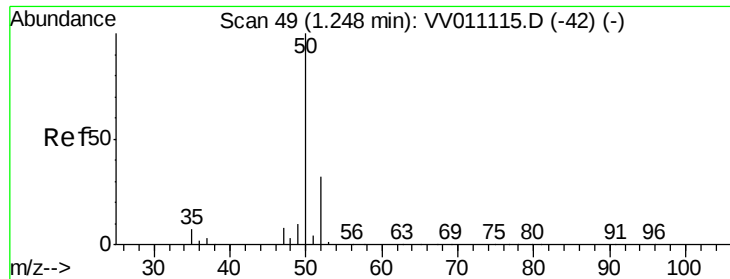
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.909 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

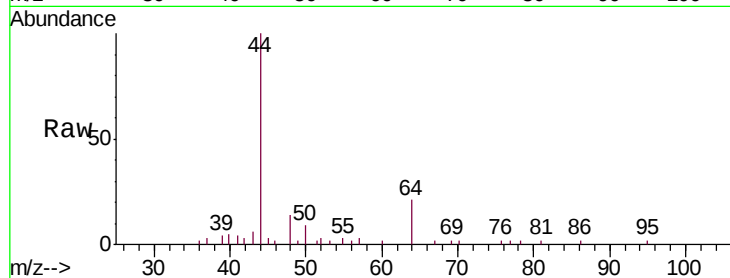
A51E8

Tgt Ion: 50 Resp: 289

Ion Ratio Lower Upper

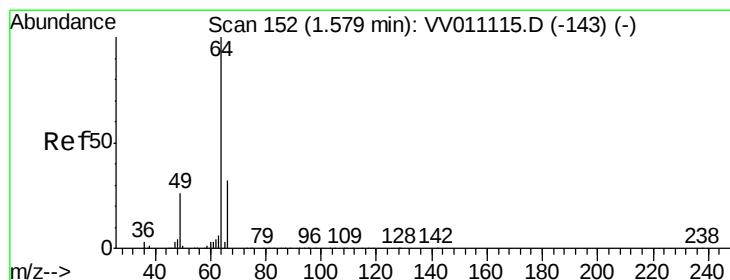
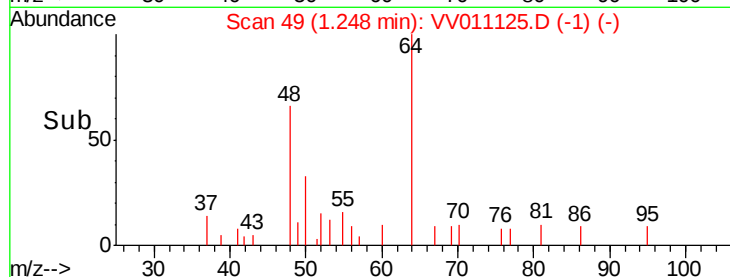
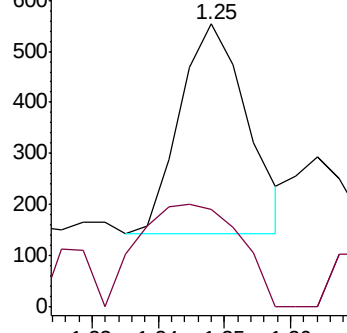
50 100

52 34.4 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#8

Chloroethane

Concen: 1.803 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.01 min

Lab File: VV011125.D

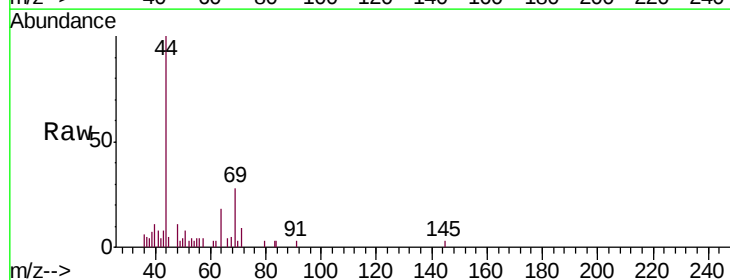
Acq: 30 May 2019 01:38

Tgt Ion: 64 Resp: 287

Ion Ratio Lower Upper

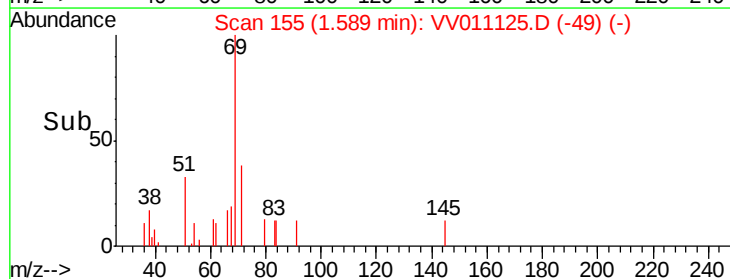
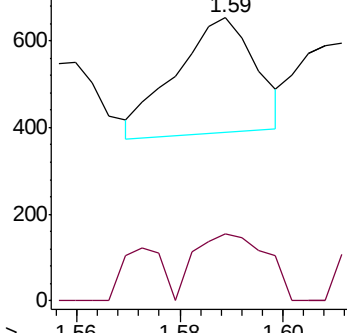
64 100

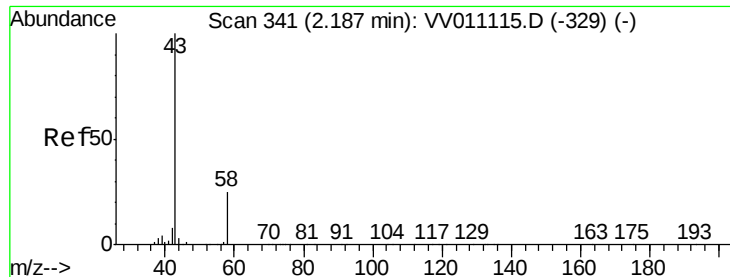
66 23.7 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 71.690 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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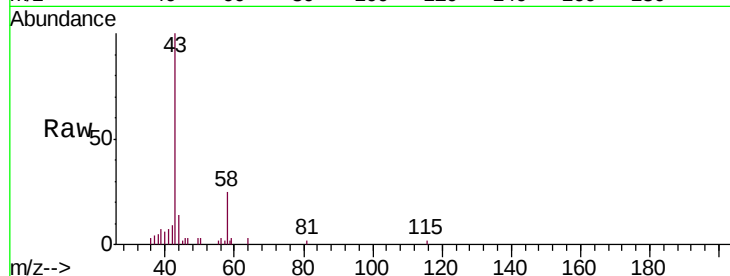
A51E8

Tgt Ion: 43 Resp: 7584

Ion Ratio Lower Upper

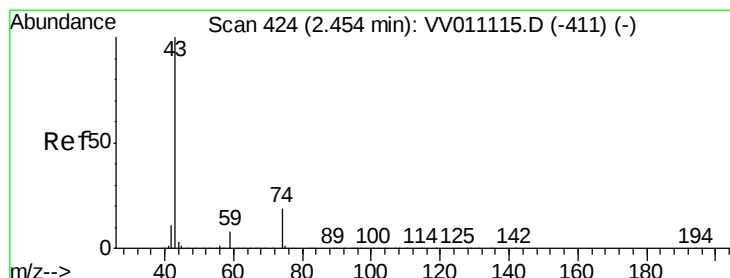
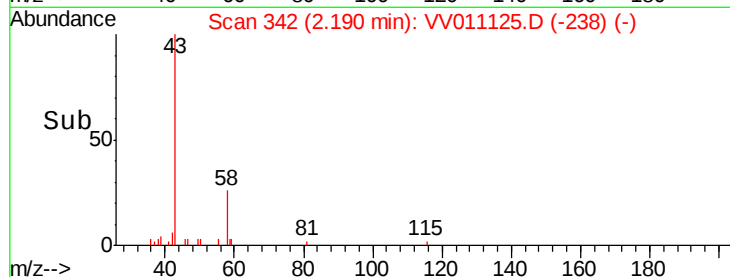
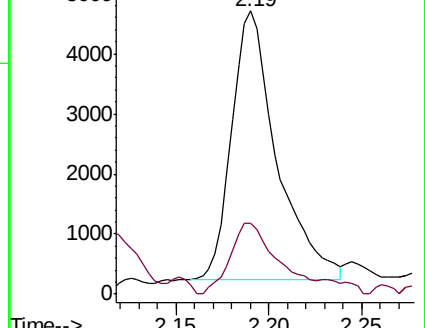
43 100

58 27.8 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011115.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV011115.D (-329) (-)



#15

Methyl Acetate

Concen: 20.773 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV011125.D

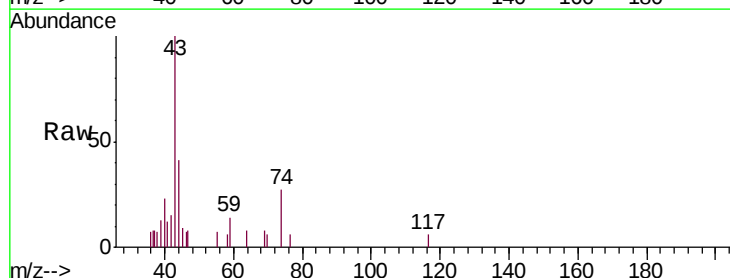
Acq: 30 May 2019 01:38

Tgt Ion: 43 Resp: 3172

Ion Ratio Lower Upper

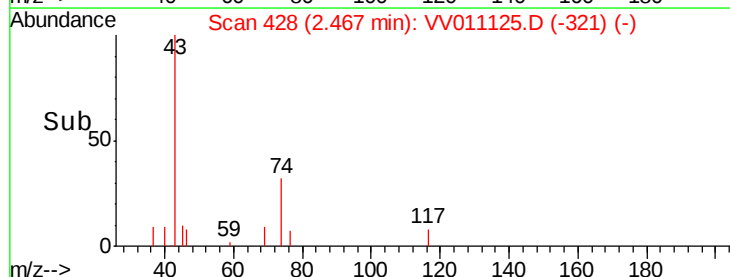
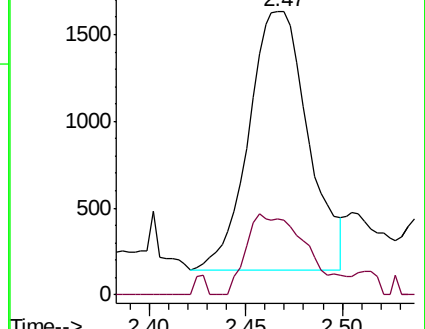
43 100

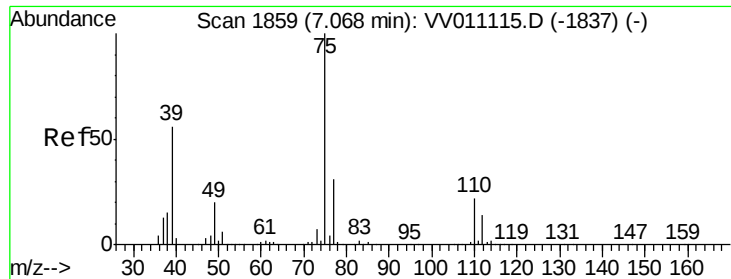
74 14.0 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV011115.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV011115.D (-411) (-)





#42

cis-1,3-Dichloropropene

Concen: 0.757 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

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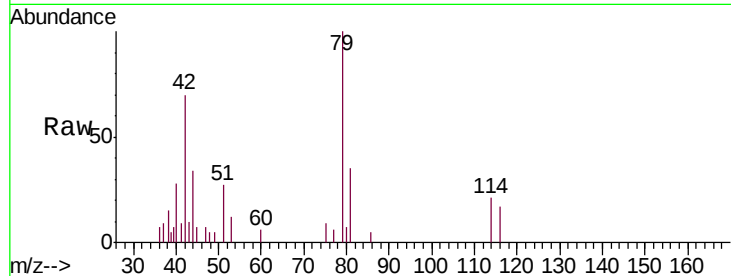
A51E8

Tgt Ion: 75 Resp: 247

Ion Ratio Lower Upper

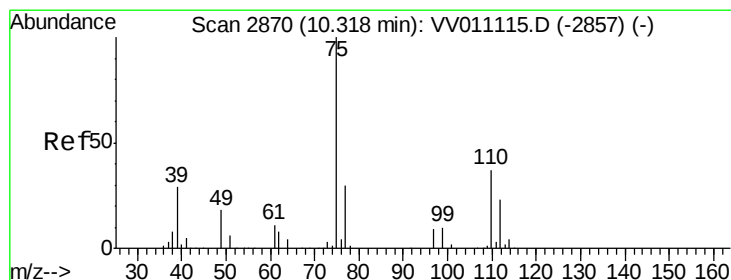
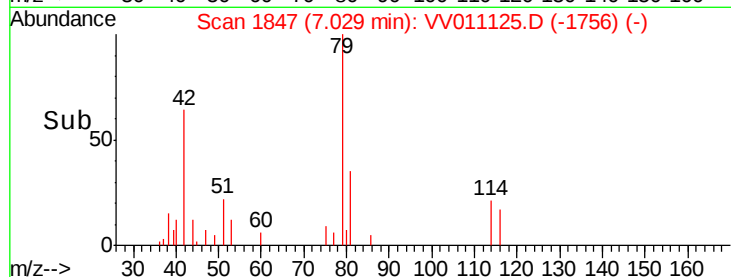
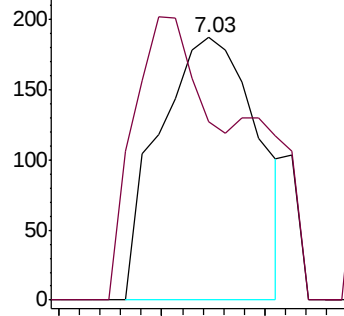
75 100

77 67.9 22.5 41.7#



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: 3.321 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV011125.D

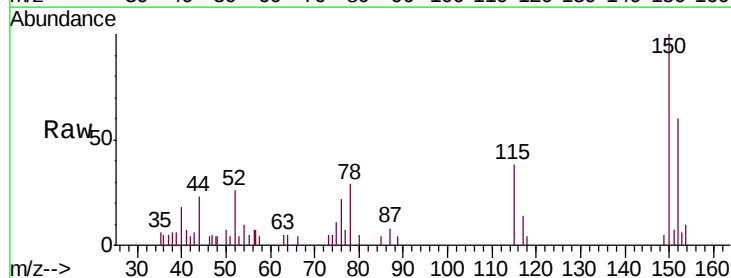
Acq: 30 May 2019 01:38

Tgt Ion: 75 Resp: 506

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

