

Data File : VV010855.D
Acq On : 14 May 2019 11:57
Operator : SY/MD
Sample : K2693-11
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 15 06:55:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134299	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59131	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47166	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.28%
7) Chloroethane-d5	1.57	69	31457	28.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.84%
10) 1,1-Dichloroethene-d2	2.12	63	66757	20.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.48%
20) 2-Butanone-d5	3.93	46	25747	47.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.66%
24) Chloroform-d	4.40	84	83179	21.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	51531	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	5.09	84	181895	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	6.12	67	55479	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	7.36	98	169877	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	7.66	79	21490	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	8.13	63	18582	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47883	22.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	59973	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds

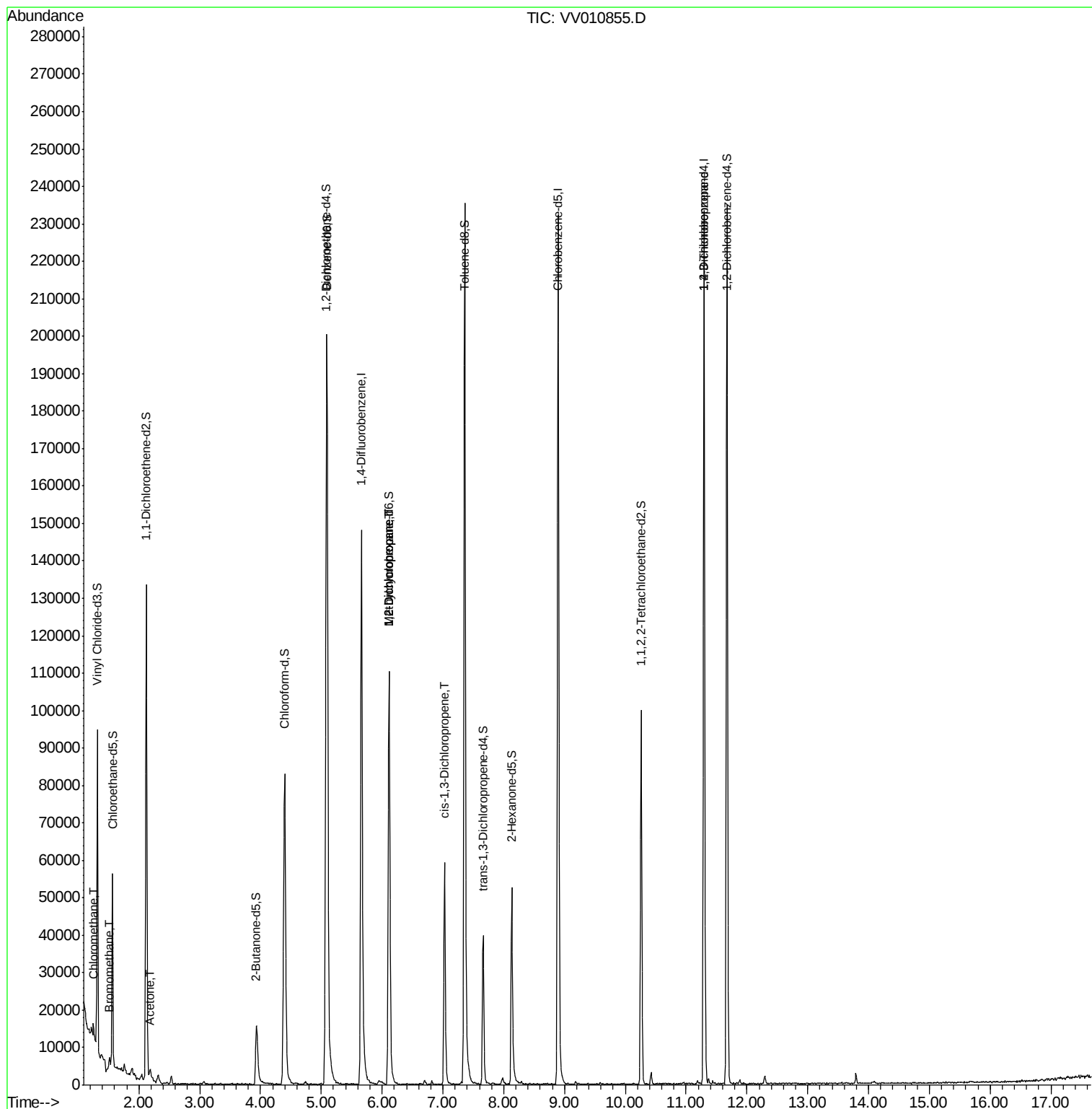
					Qvalue
3) Chloromethane	1.25	50	1368	0.767 ug/L	96
6) Bromomethane	1.51	94	829	1.859 ug/L	95
13) Acetone	2.19	43	989	1.804 ug/L	76
36) Methylcyclohexane	6.11	83	12975	4.691 ug/L #	20
40) 1,2-Dichloropropane	6.11	63	6407	3.067 ug/L #	90
42) cis-1,3-Dichloropropene	7.03	75	1660	0.545 ug/L #	76
59) 1,2,3-Trichloropropene	11.29	75	7379	4.584 ug/L #	84

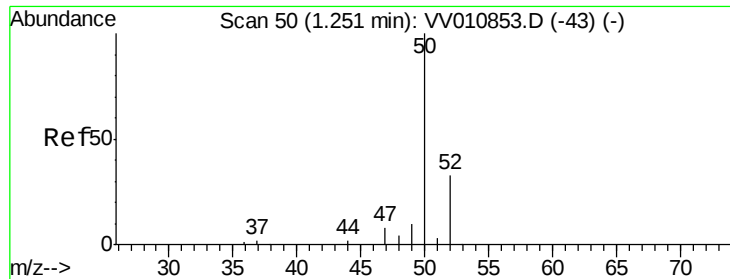
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010855.D
Acq On : 14 May 2019 11:57
Operator : SY/MD
Sample : K2693-11
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 15 06:55:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.767 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV010855.D

Acq: 14 May 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

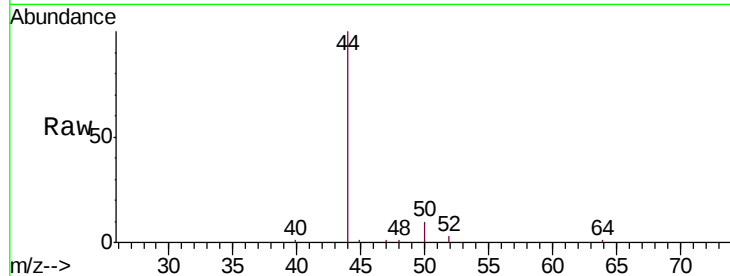
VHBLK01

Tgt Ion: 50 Resp: 1368

Ion Ratio Lower Upper

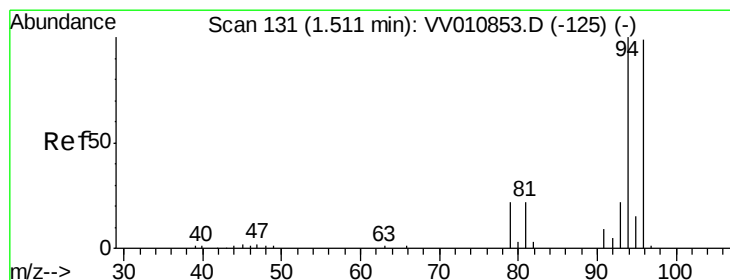
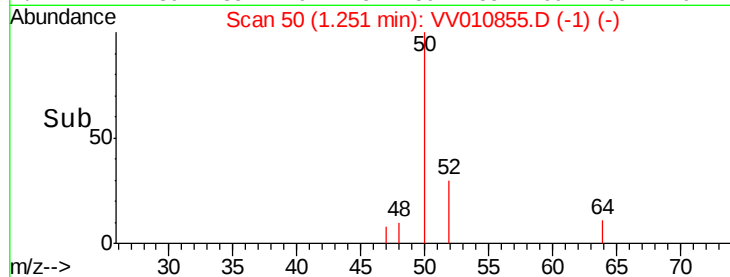
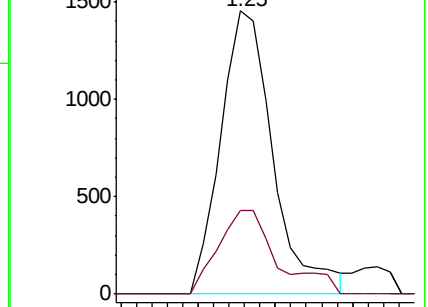
50 100

52 29.7 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VV010853.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VV010853.D (-43) (-)



#6

Bromomethane

Concen: 1.859 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV010855.D

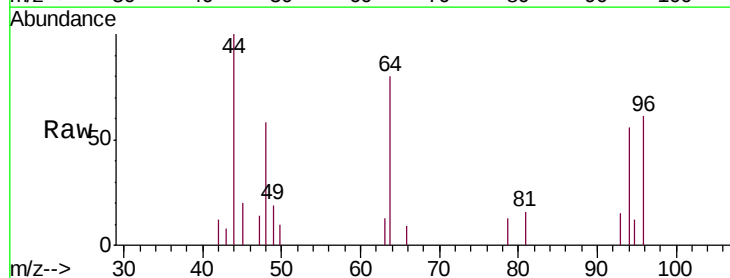
Acq: 14 May 2019 11:57

Tgt Ion: 94 Resp: 829

Ion Ratio Lower Upper

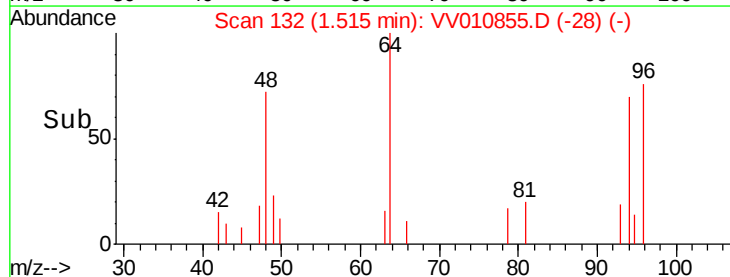
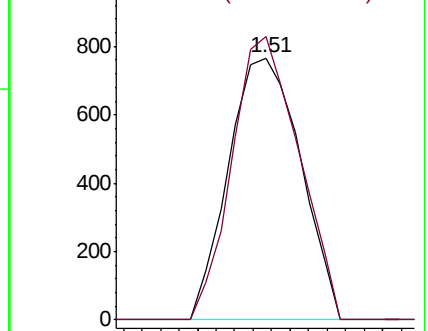
94 100

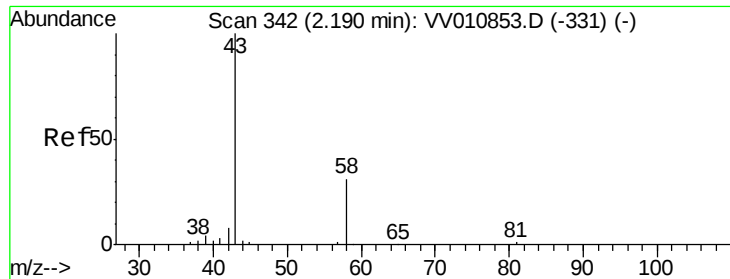
96 100.4 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010853.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010853.D (-125) (-)





#13

Acetone

Concen: 1.804 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV010855.D

Acq: 14 May 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

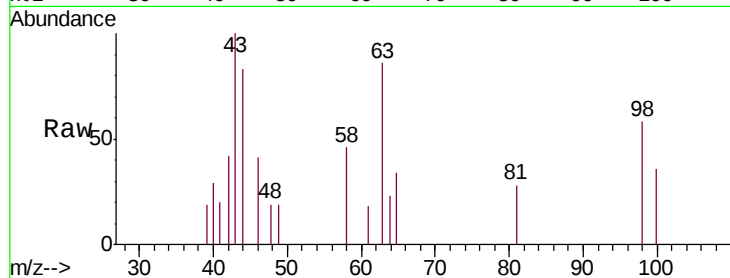
VHBLK01

Tgt Ion: 43 Resp: 989

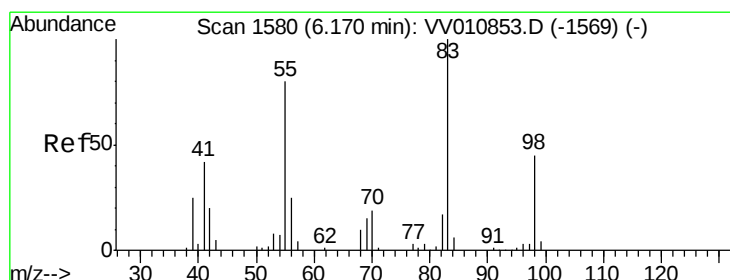
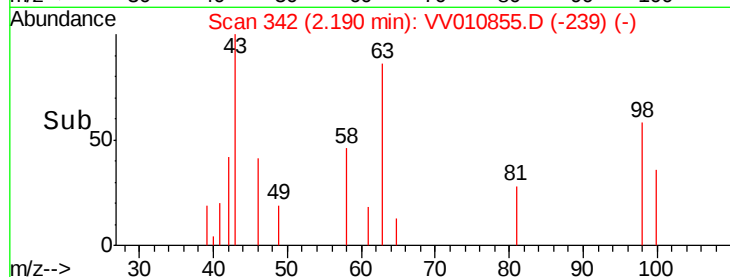
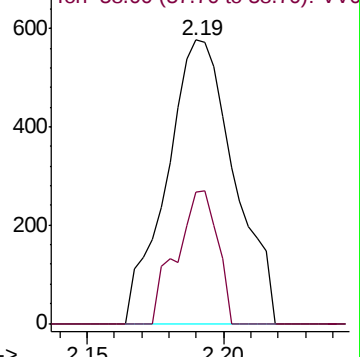
Ion Ratio Lower Upper

43 100

58 20.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-331) (-)



#36

Methylcyclohexane

Concen: 4.691 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010855.D

Acq: 14 May 2019 11:57

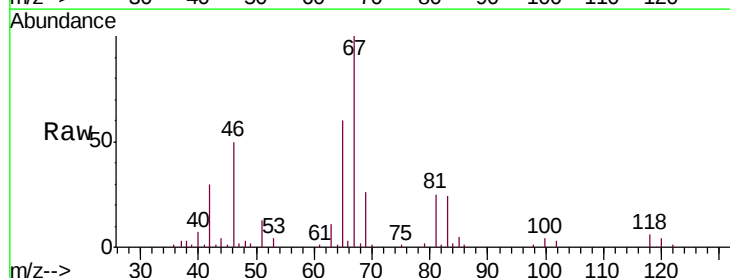
Tgt Ion: 83 Resp: 12975

Ion Ratio Lower Upper

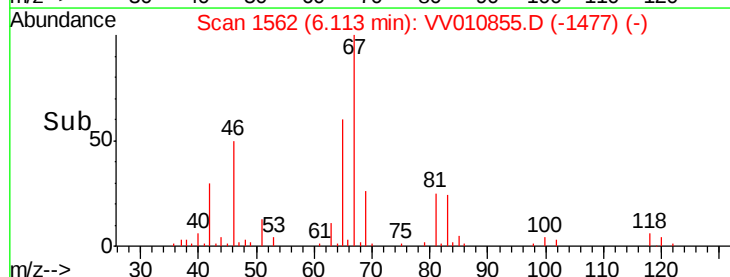
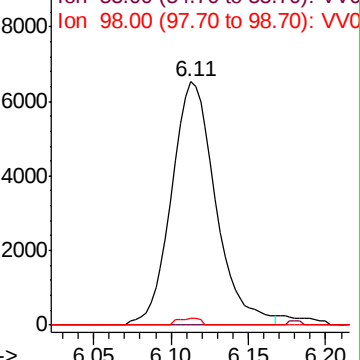
83 100

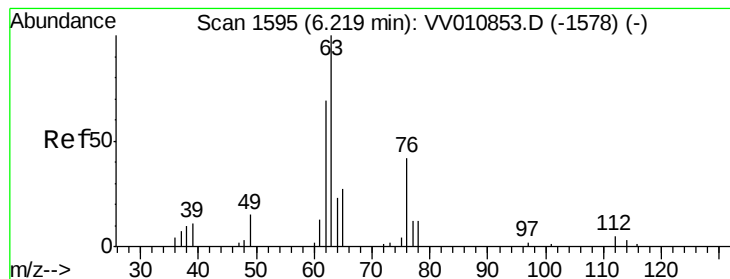
55 0.5 61.0 91.4#

98 1.4 37.2 55.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010853.D (-1569) (-)





#40

1,2-Dichloropropane

Concen: 3.067 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010855.D

Acq: 14 May 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

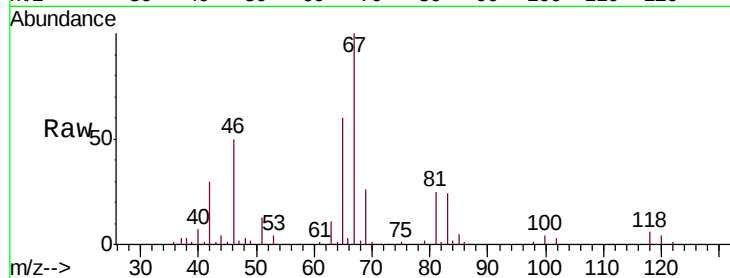
VHBLK01

Tgt Ion: 63 Resp: 6407

Ion Ratio Lower Upper

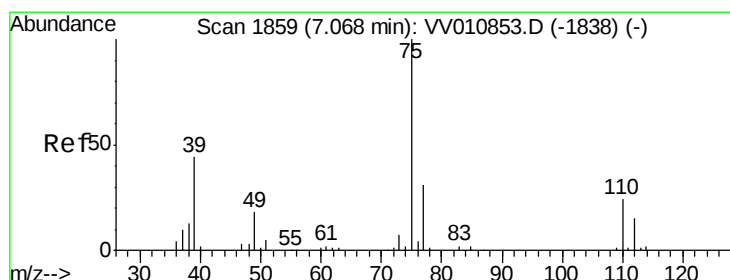
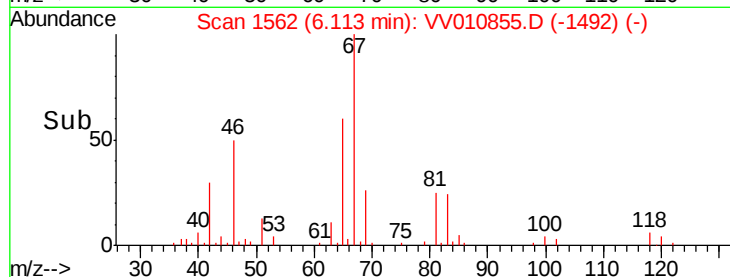
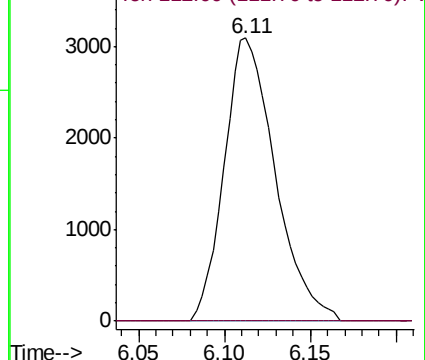
63 100

112 0.7 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010853.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV010853.D (-1578) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010855.D

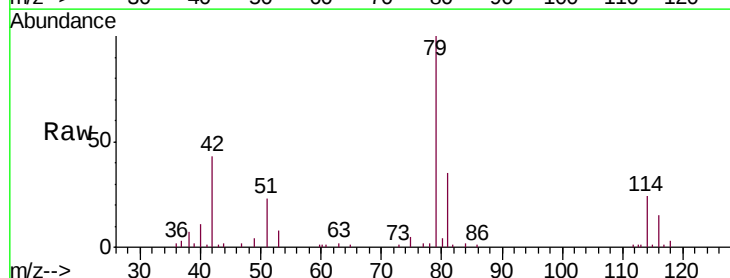
Acq: 14 May 2019 11:57

Tgt Ion: 75 Resp: 1660

Ion Ratio Lower Upper

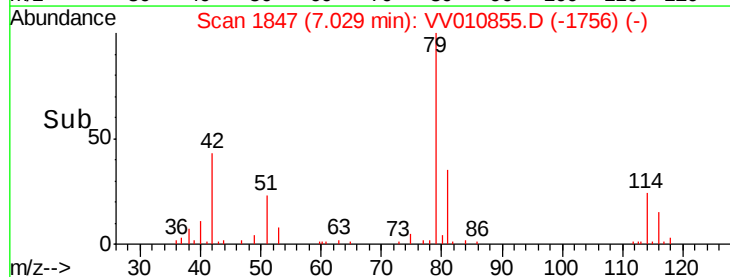
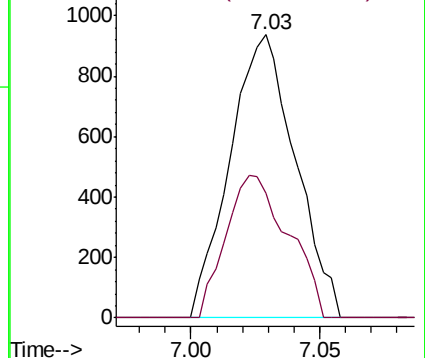
75 100

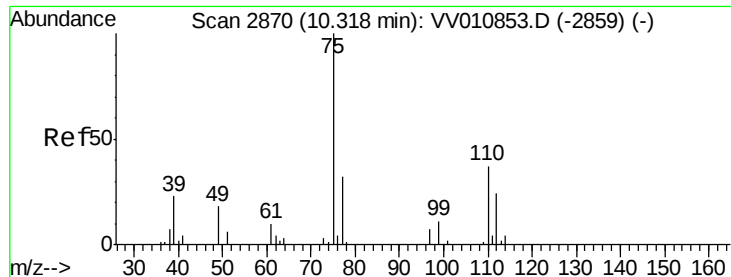
77 44.0 21.5 39.9#



Abundance Ion 75.00 (74.70 to 75.70): VV010853.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VV010853.D (-1838) (-)





#59

1,2,3-Trichloropropane

Concen: 4.584 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010855.D

Acq: 14 May 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 7379

Ion Ratio Lower Upper

75 100

77 41.9 26.4 39.6#

