

Data File : VV009775.D
Acq On : 19 Mar 2019 13:54
Operator : SY/MD
Sample : VV0319MBL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Quant Time: Mar 20 05:18:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32519	35.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.56%
7) Chloroethane-d5	1.56	69	25572	37.61	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.22%
11) 1,1-Dichloroethene-d2	2.12	63	53159	27.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.18%#
21) 2-Butanone-d5	3.93	46	39230	71.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.46%
24) Chloroform-d	4.40	84	58840	34.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.50%#
26) 1,2-Dichloroethane-d4	5.08	65	37298	36.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.60%
32) Benzene-d6	5.10	84	128198	37.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.22%
36) 1,2-Dichloropropane-d6	6.12	67	38682	36.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.56%
41) Toluene-d8	7.36	98	121854	36.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.32%#
43) trans-1,3-Dichloropropene-	7.66	79	16839	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
47) 2-Hexanone-d5	8.13	63	29154	68.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56478	35.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40160	39.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.42%#

Target Compounds

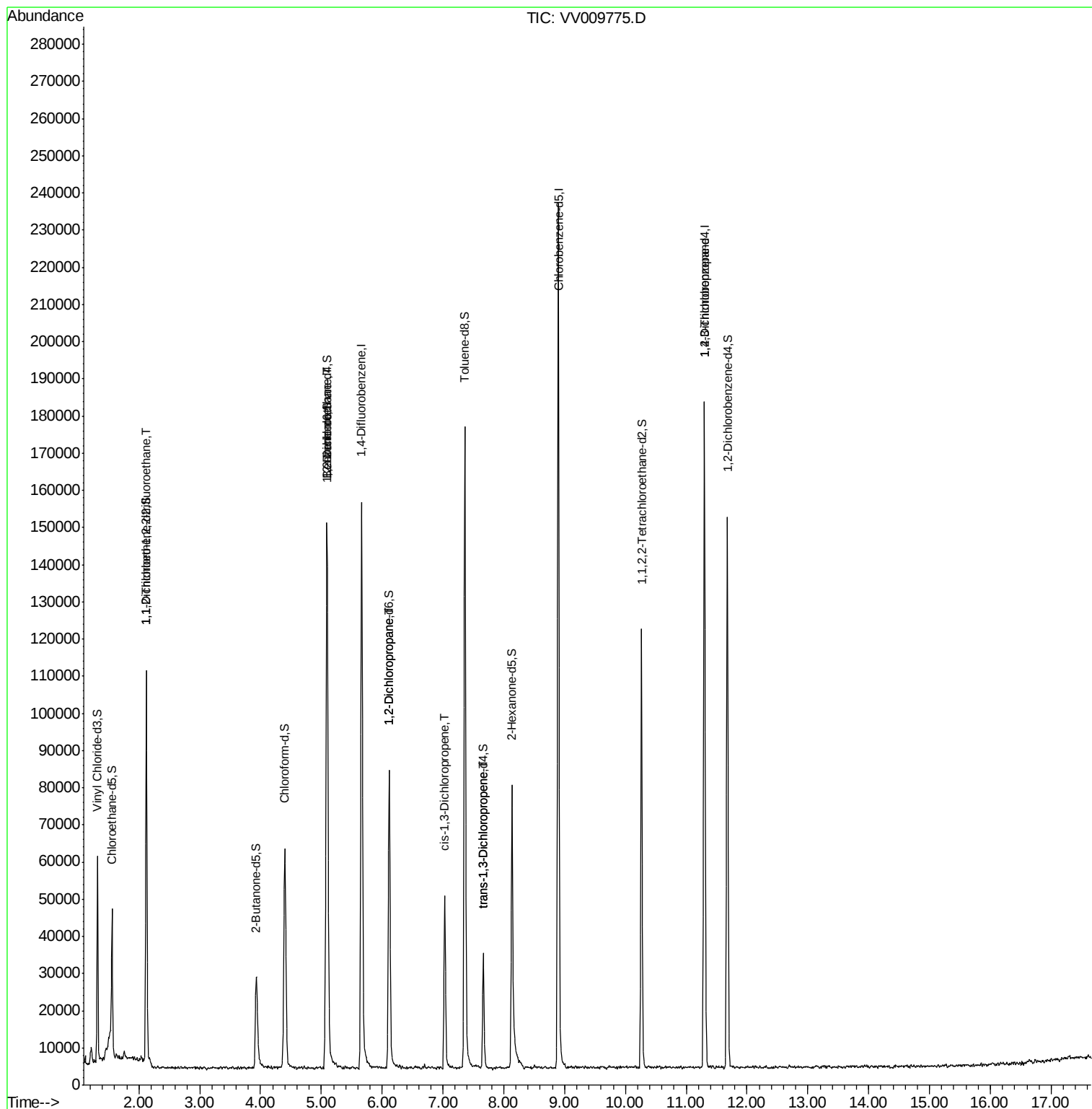
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	563	0.599	ug/L #	19
27) 1,2-Dichloroethane	5.10	62	681	0.542	ug/L #	74
37) 1,2-Dichloropropane	6.12	63	4495	4.885	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	790	0.562	ug/L #	65
44) trans-1,3-Dichloropropene	7.66	75	906	0.681	ug/L	89
59) 1,2,3-Trichloropropane	11.30	75	6458	5.334	ug/L	91

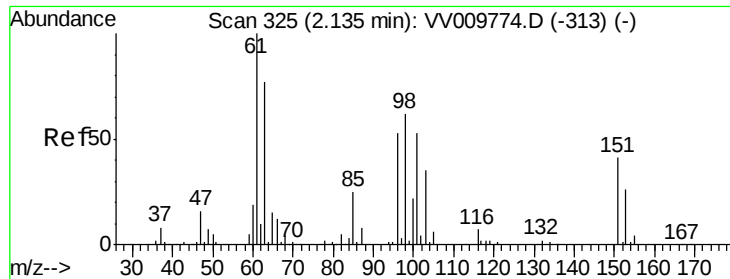
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.599 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV009775.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

VBLK76

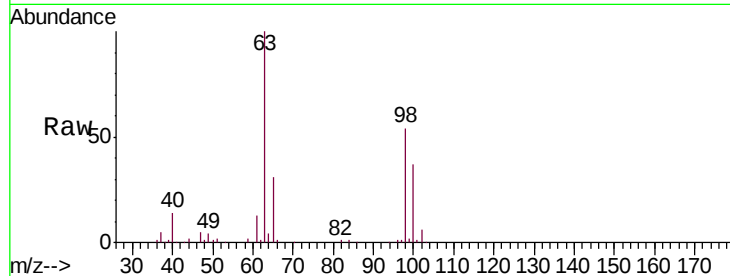
Tgt Ion: 101 Resp: 563

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

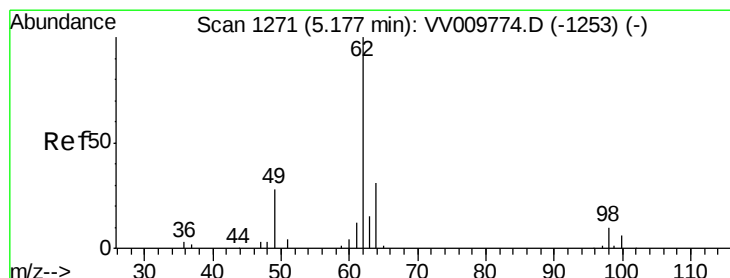
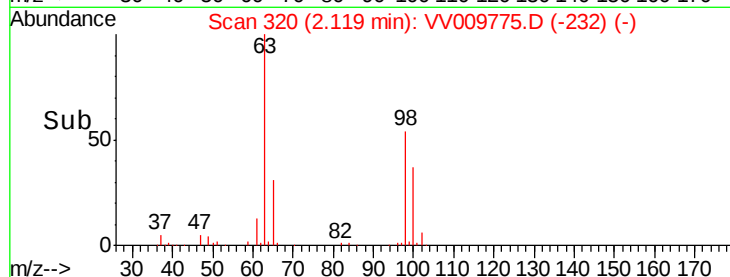
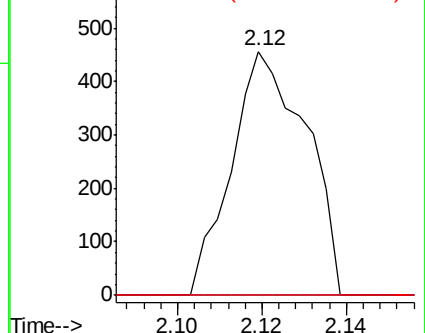
151 0.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.07 min

Lab File: VV009775.D

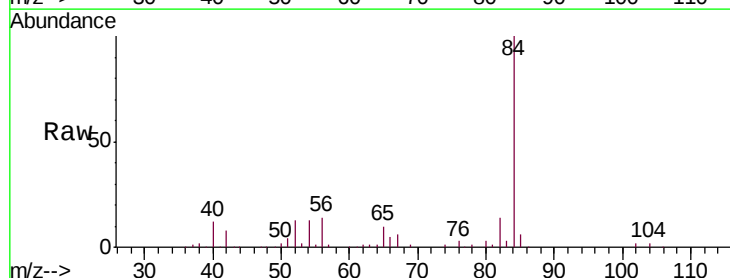
Acq: 19 Mar 2019 13:54

Tgt Ion: 62 Resp: 681

Ion Ratio Lower Upper

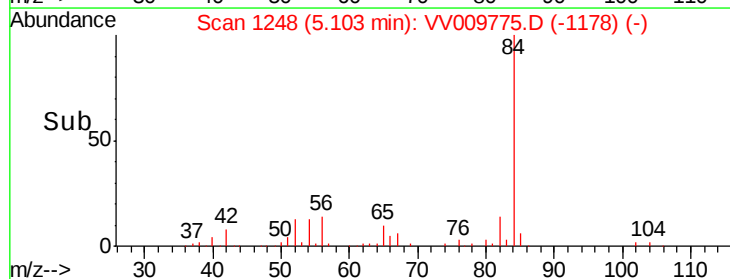
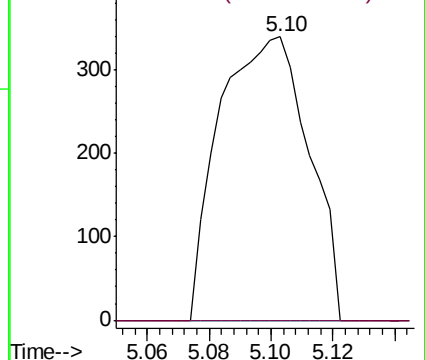
62 100

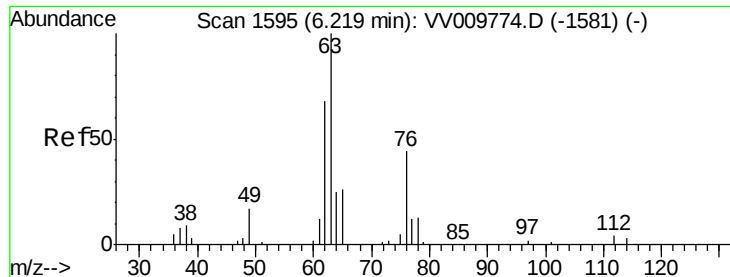
98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

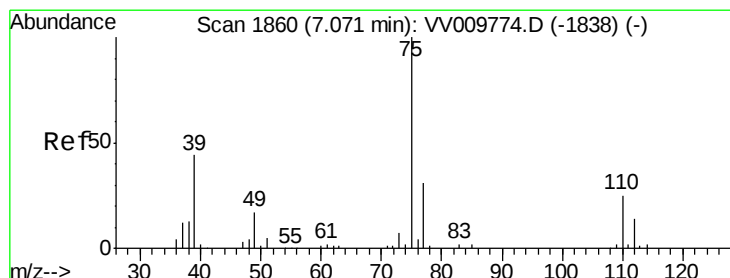
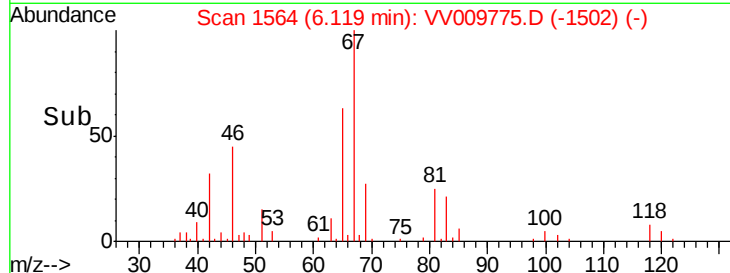
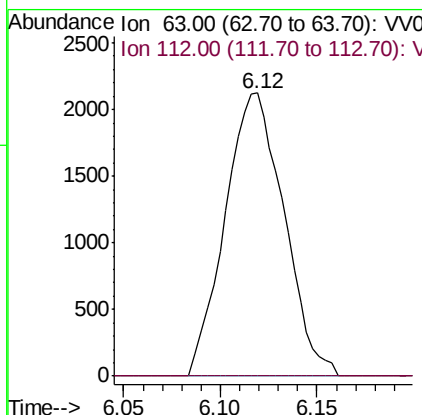
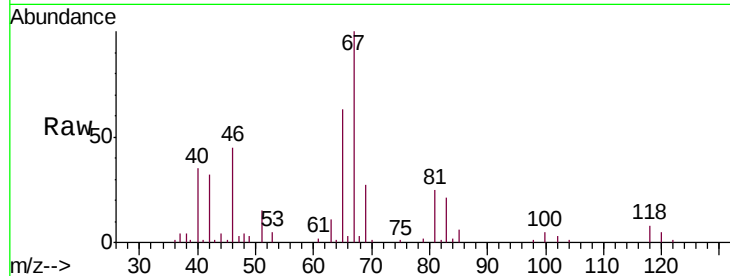




#37
 1,2-Dichloropropane
 Concen: 4.885 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009775.D
 Acq: 19 Mar 2019 13:54

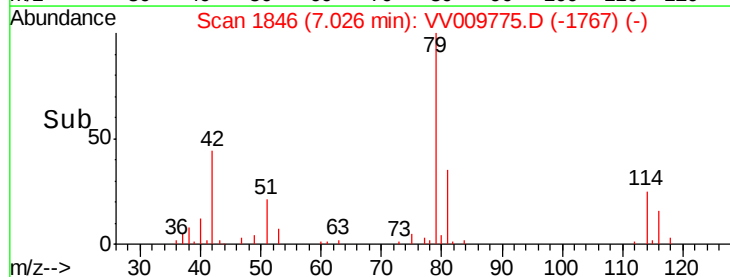
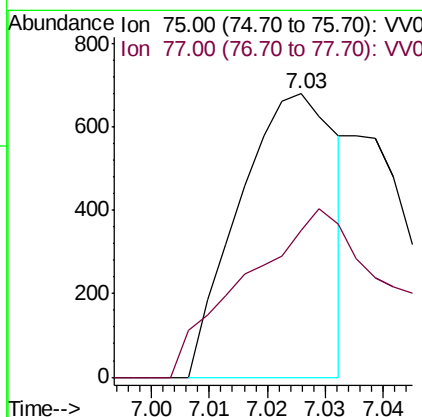
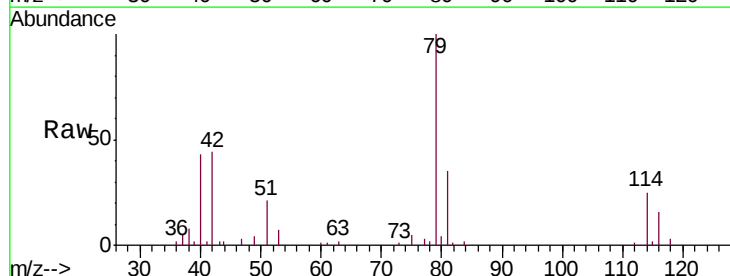
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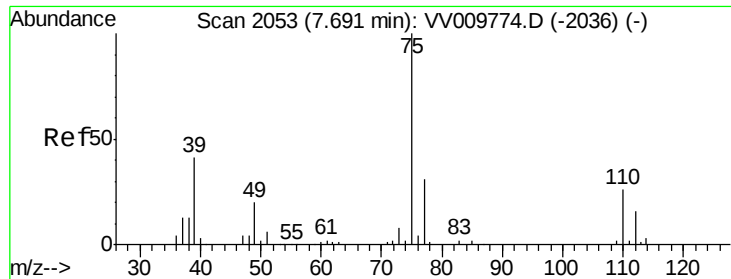
Tgt Ion: 63 Resp: 4495
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.562 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009775.D
 Acq: 19 Mar 2019 13:54

Tgt Ion: 75 Resp: 790
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009775.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_V

ClientSampleId :

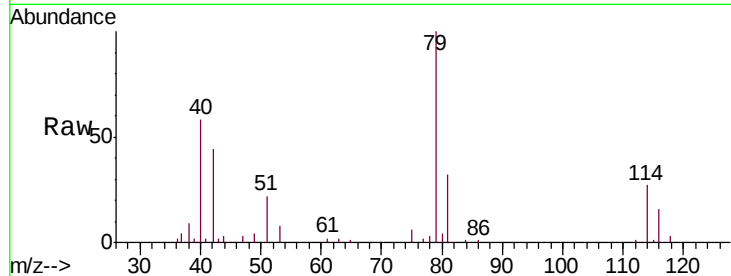
VBLK76

Tgt Ion: 75 Resp: 906

Ion Ratio Lower Upper

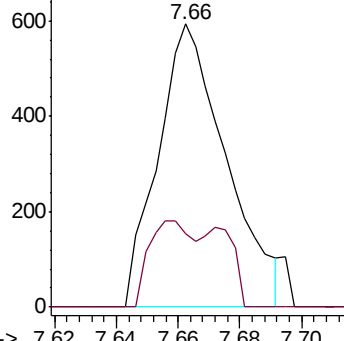
75 100

77 26.1 22.5 41.7

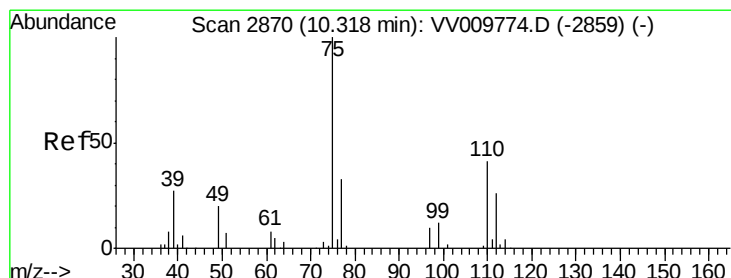
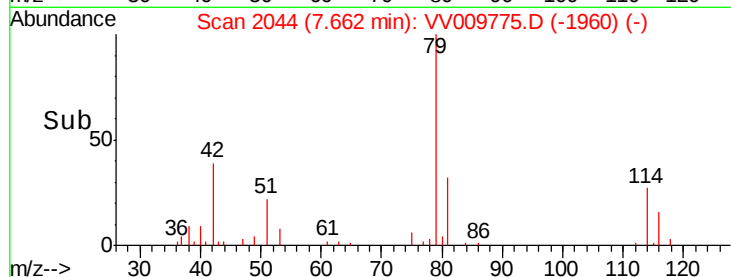


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time--> 7.62 7.64 7.66 7.68 7.70



#59

1,2,3-Trichloropropane

Concen: 5.334 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009775.D

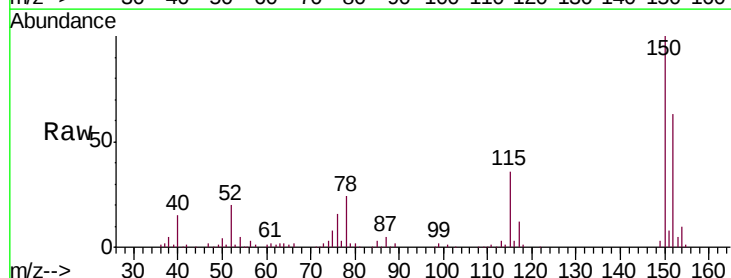
Acq: 19 Mar 2019 13:54

Tgt Ion: 75 Resp: 6458

Ion Ratio Lower Upper

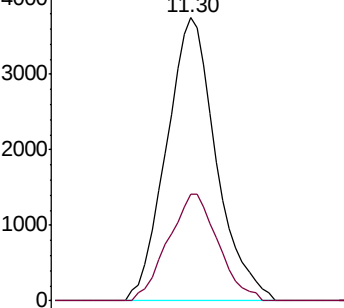
75 100

77 37.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time--> 11.25 11.30 11.35

