

Data File : VV009680.D
Acq On : 15 Mar 2019 11:22
Operator : SY/MD
Sample : VV0315SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Quant Time: Mar 15 12:06:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150305	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61202	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43736	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
7) Chloroethane-d5	1.57	69	44467	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	2.13	63	93049	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	3.93	46	22965	45.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.24%
24) Chloroform-d	4.40	84	82801	21.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	5.08	65	51729	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.44%
29) Benzene-d6	5.10	84	181252	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	6.12	67	54905	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	7.36	98	178177	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.60%
38) trans-1,3-Dichloropropene-	7.66	79	22010	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	8.13	63	18056	44.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46395	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	56918	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

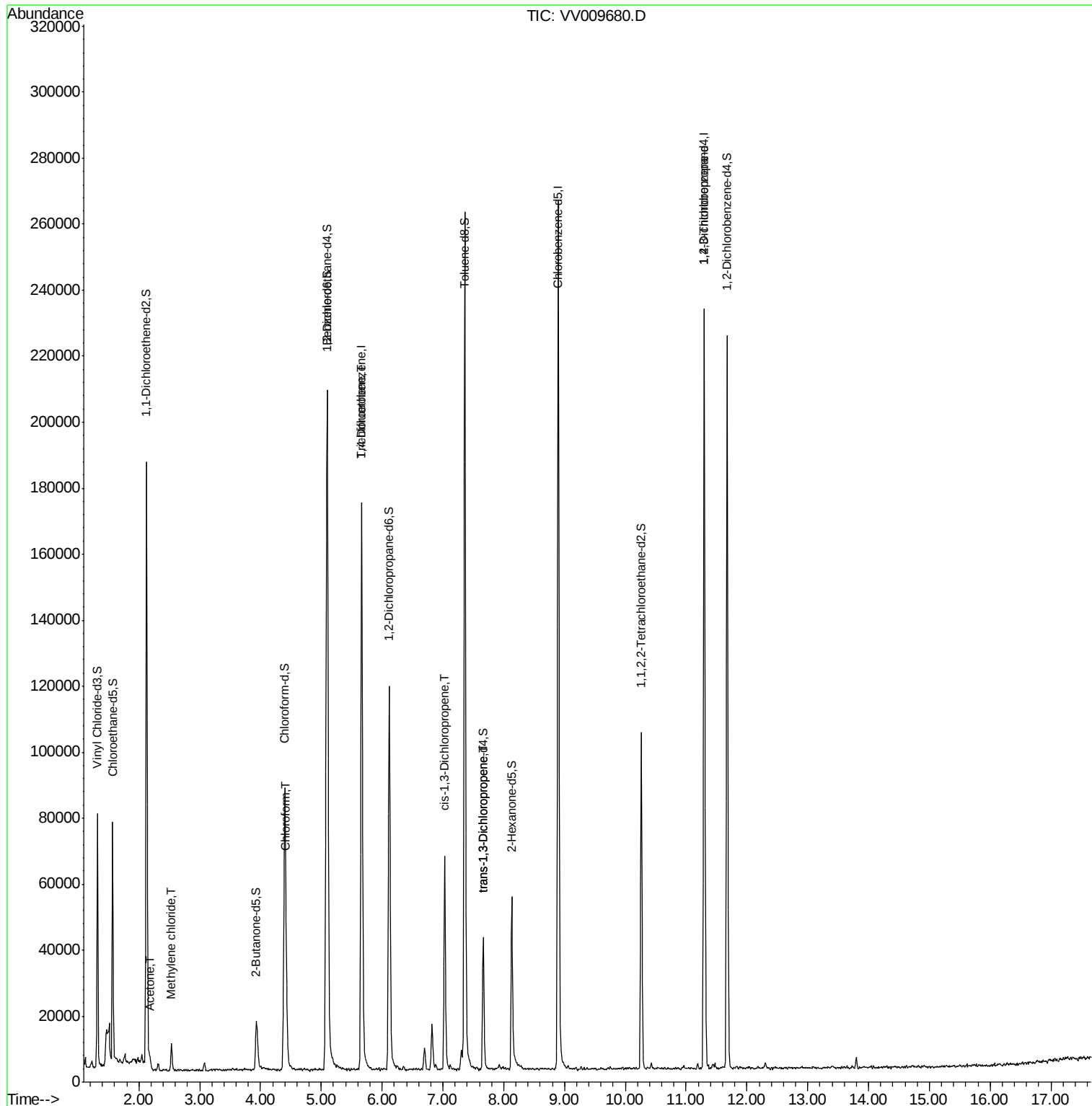
					Qvalue
13) Acetone	2.19	43	1418	2.337 ug/L	85
16) Methylene chloride	2.53	84	3536	1.616 ug/L	91
25) Chloroform	4.43	83	9050	2.317 ug/L	80
35) Trichloroethene	5.66	95	4684	2.068 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1917	0.637 ug/L #	64
45) trans-1,3-Dichloropropene	7.66	75	1264	0.486 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	8939	5.799 ug/L #	86

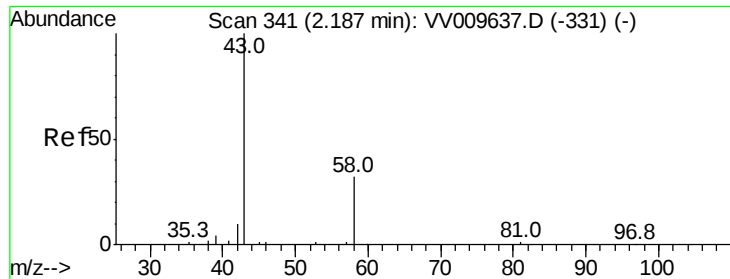
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.337 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV009680.D

Acq: 15 Mar 2019 11:22

Instrument :

MSVOA_V

ClientSampled :

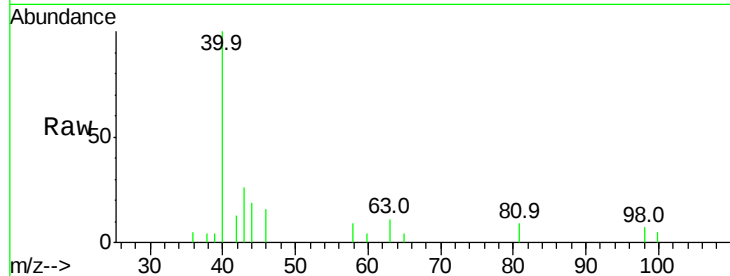
VBLK73

Tgt Ion: 43 Resp: 1418

Ion Ratio Lower Upper

43 100

58 24.1 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009637.D (-331) (-)

2.19

800

600

400

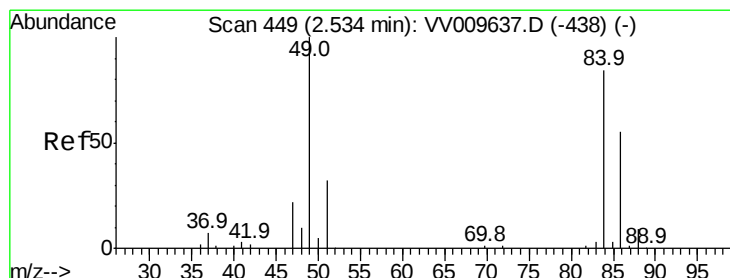
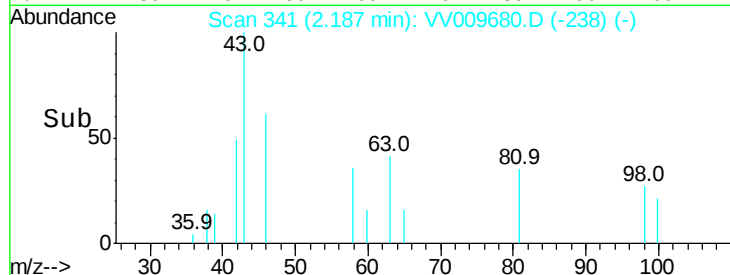
200

0

Time-->

2.15

2.20



#16

Methylene chloride

Concen: 1.616 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009680.D

Acq: 15 Mar 2019 11:22

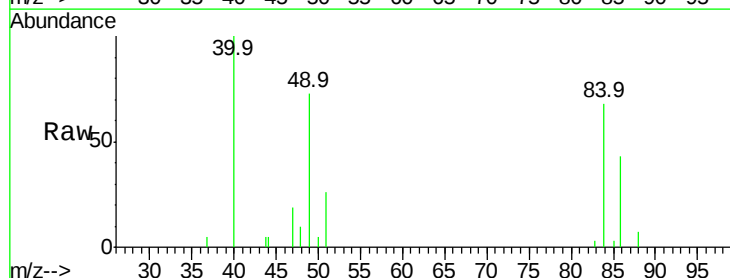
Tgt Ion: 84 Resp: 3536

Ion Ratio Lower Upper

84 100

49 108.7 86.1 159.9

86 63.5 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009637.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009637.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009637.D (-438) (-)

2.53

3000

2500

2000

1500

1000

500

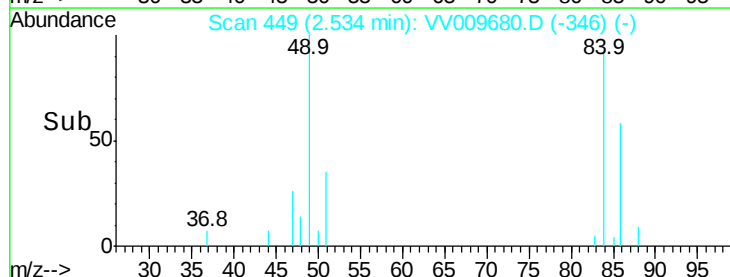
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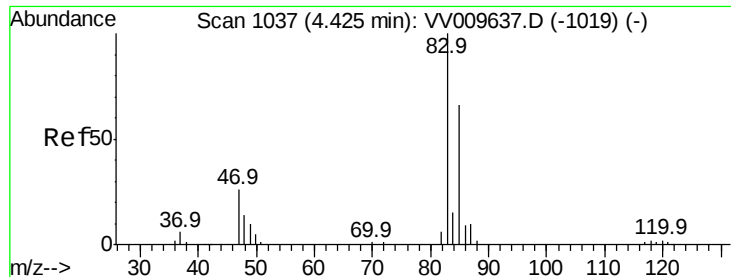
Time-->

2.50

2.55

2.60

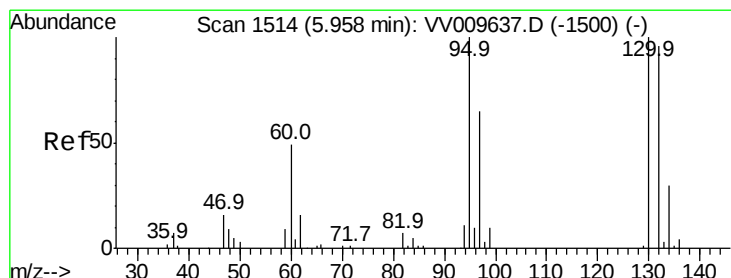
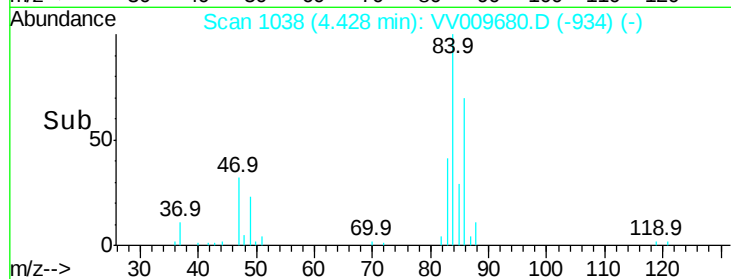
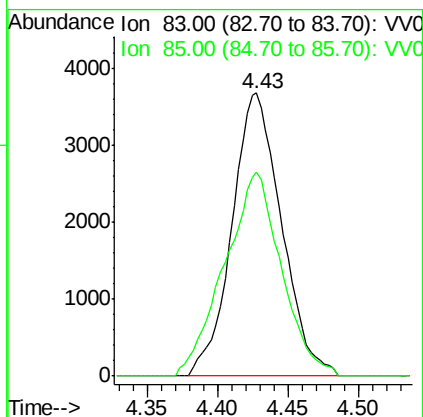
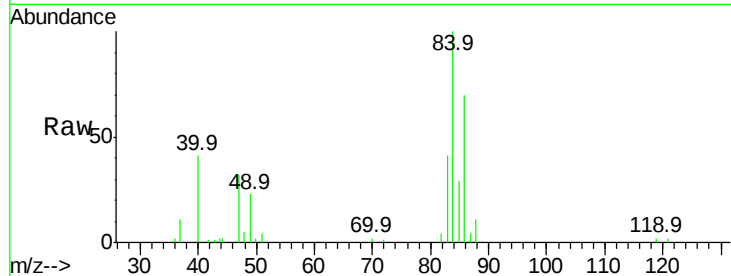




#25
Chloroform
Concen: 2.317 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009680.D
Acq: 15 Mar 2019 11:22

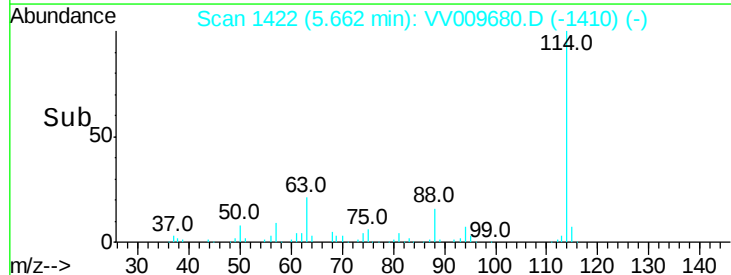
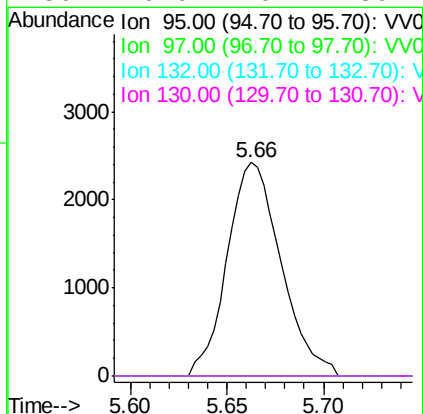
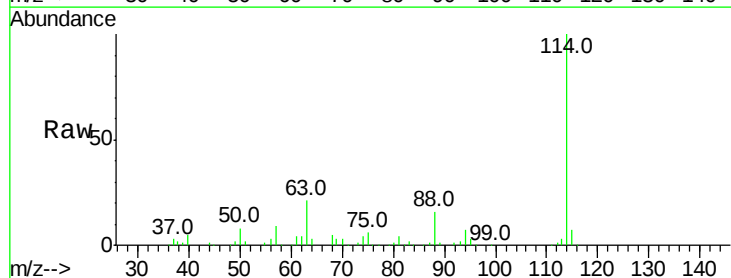
Instrument :
MSVOA_V
ClientSampleId :
VBLK73

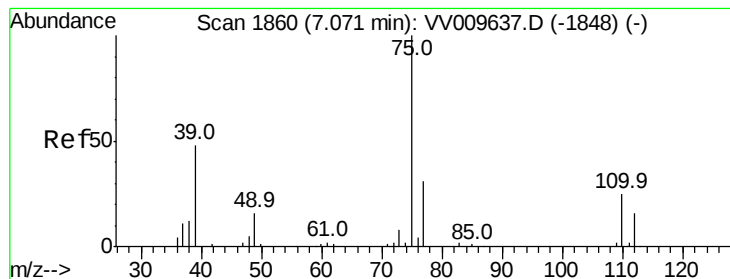
Tgt Ion: 83 Resp: 9050
Ion Ratio Lower Upper
83 100
85 82.4 46.4 86.2



#35
Trichloroethene
Concen: 2.068 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV009680.D
Acq: 15 Mar 2019 11:22

Tgt Ion: 95 Resp: 4684
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 66.4 123.2#
130 0.0 70.2 130.4#





#42

cis-1,3-Dichloropropene

Concen: 0.637 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009680.D

Acq: 15 Mar 2019 11:22

Instrument :

MSVOA_V

ClientSampled :

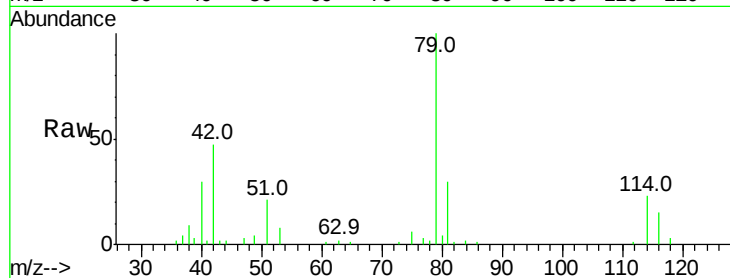
VBLK73

Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 51.2 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

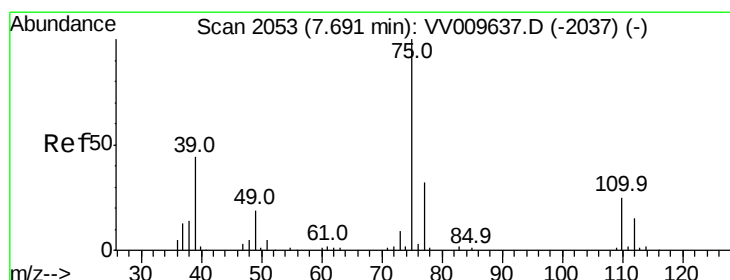
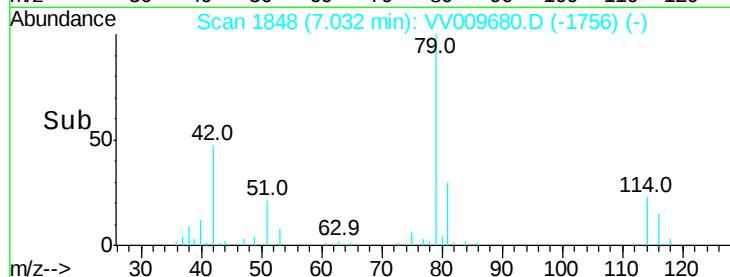
7.03

1000

500

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009680.D

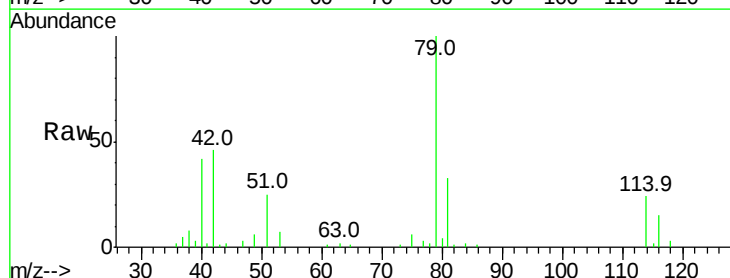
Acq: 15 Mar 2019 11:22

Tgt Ion: 75 Resp: 1264

Ion Ratio Lower Upper

75 100

77 42.7 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.66

800

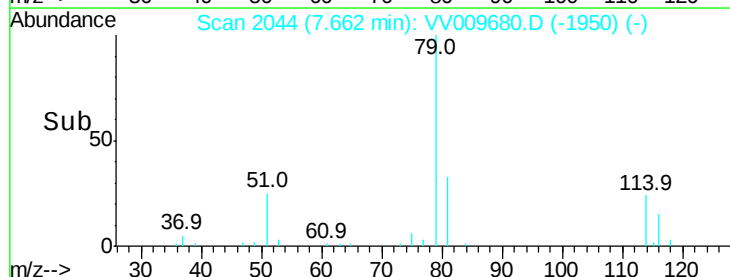
600

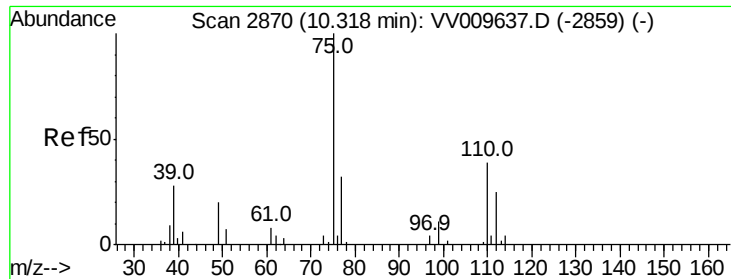
400

200

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.799 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009680.D

Acq: 15 Mar 2019 11:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK73

Tgt Ion: 75 Resp: 8939

Ion Ratio Lower Upper

75 100

77 39.5 25.3 37.9#

