

Data File : VV009591.D
Acq On : 11 Mar 2019 13:36
Operator : SY/MD
Sample : VIBLK79
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK79

Quant Time: Mar 11 16:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120922	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27046	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	1.56	69	28513	13.54	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.16%
10) 1,1-Dichloroethene-d2	2.12	63	57497	15.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.72%
20) 2-Butanone-d5	3.93	46	30229	60.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.88%
24) Chloroform-d	4.40	84	51235	17.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.16%
26) 1,2-Dichloroethane-d4	5.08	65	35510	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.68%
29) Benzene-d6	5.10	84	115310	21.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.32%
33) 1,2-Dichloropropane-d6	6.12	67	34650	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.88%
37) Toluene-d8	7.36	98	108664	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.52%
38) trans-1,3-Dichloropropene-	7.66	79	14729	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.32%
39) 2-Hexanone-d5	8.13	63	21344	56.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39246	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	35084	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

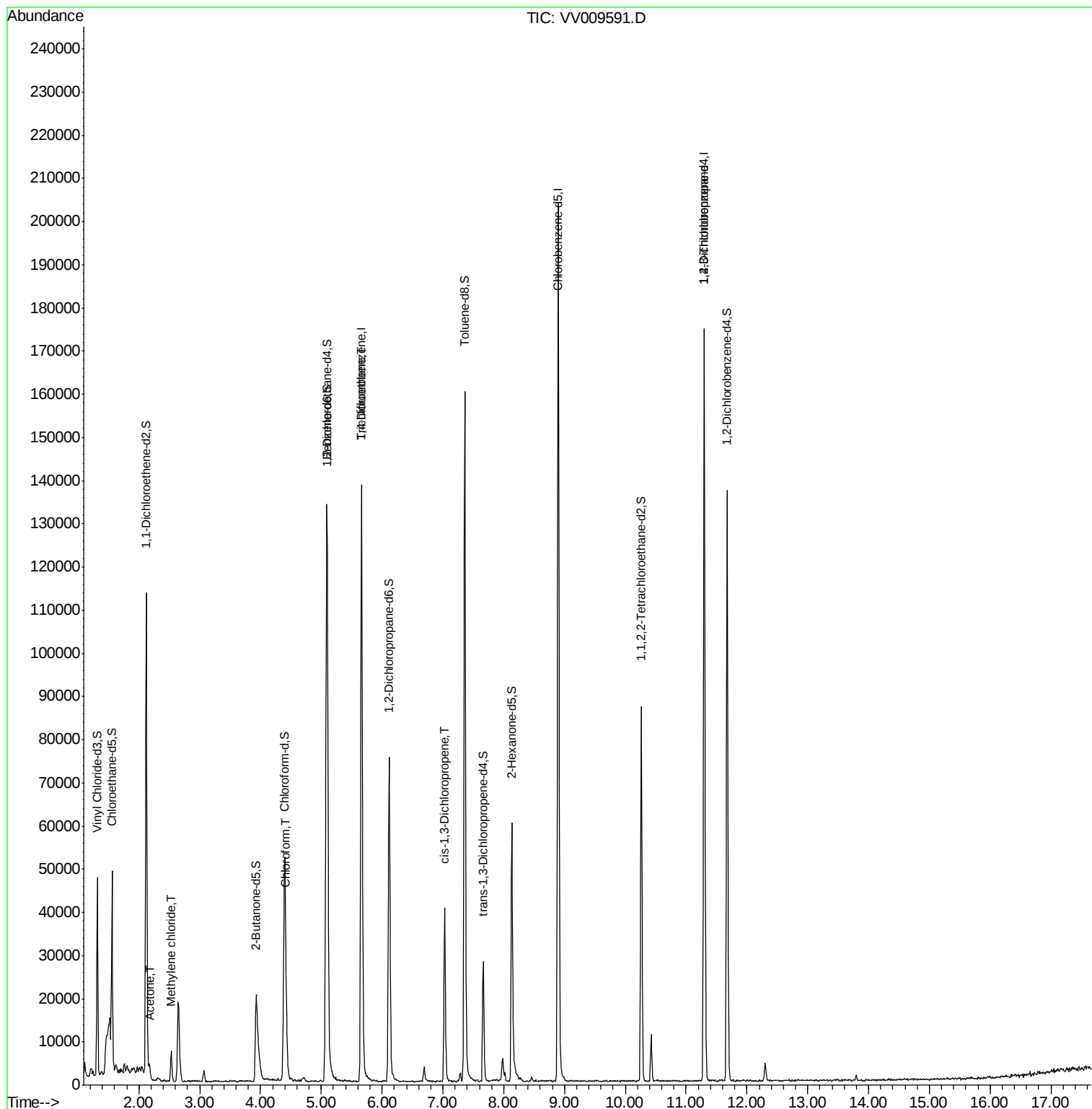
					Qvalue
13) Acetone	2.19	43	1419	2.814 ug/L	55
16) Methylene chloride	2.53	84	2810	1.771 ug/L	93
25) Chloroform	4.42	83	6491	2.286 ug/L	82
35) Trichloroethene	5.66	95	3275	1.997 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1305	0.571 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	6607	5.310 ug/L #	88

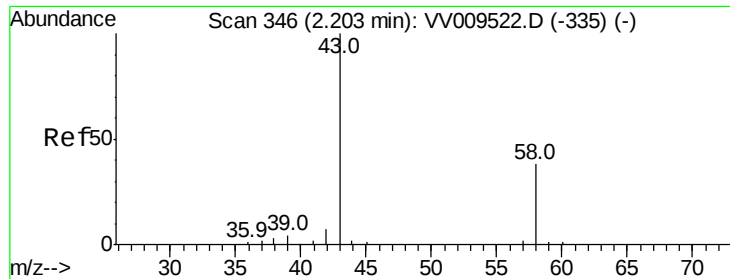
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.814 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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Acq: 11 Mar 2019 13:36

Instrument :

MSVOA_V

ClientSampleId :

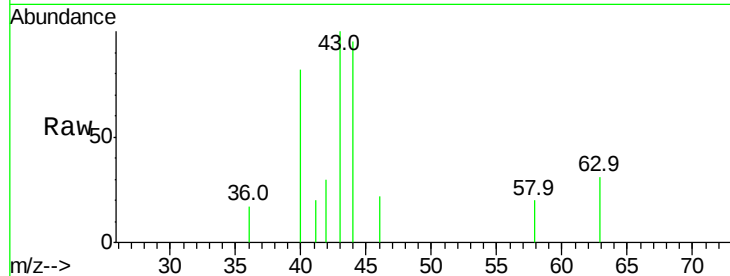
VIBLK79

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

58 8.5 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009522.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009522.D (-335) (-)

2.19

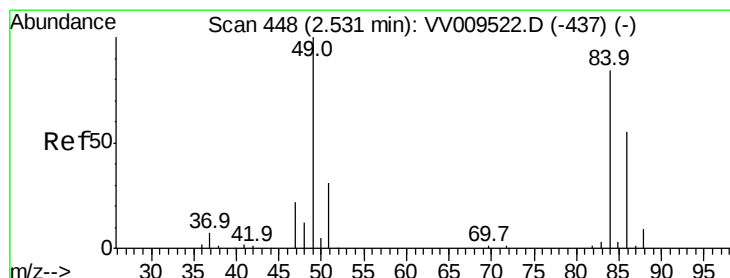
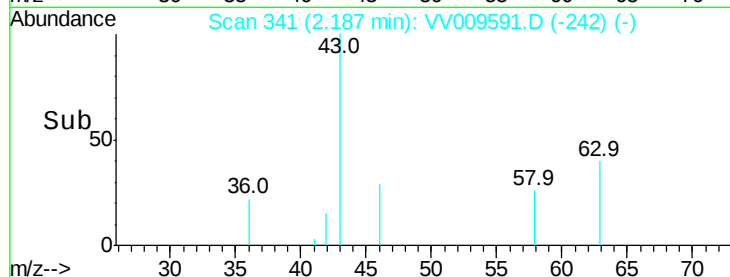
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.771 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009591.D

Acq: 11 Mar 2019 13:36

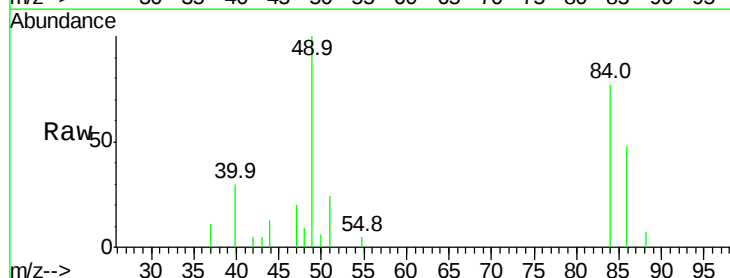
Tgt Ion: 84 Resp: 2810

Ion Ratio Lower Upper

84 100

49 129.7 84.6 157.0

86 61.7 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009522.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009522.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009522.D (-437) (-)

2.53

3000

2500

2000

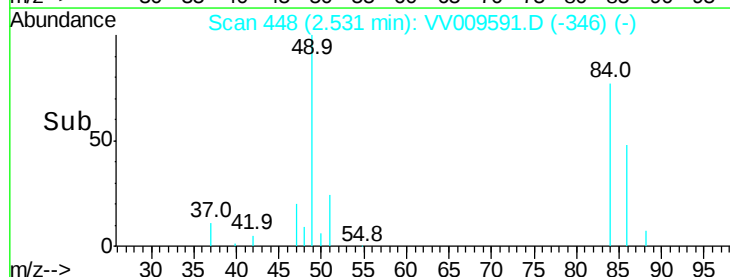
1500

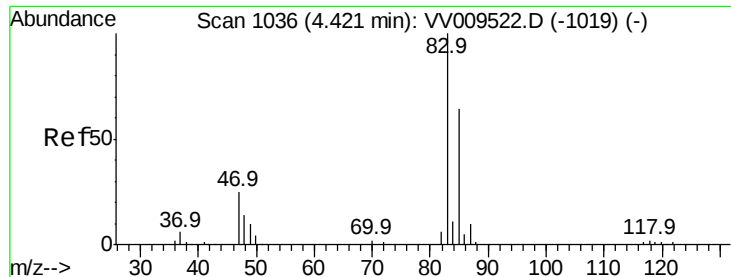
1000

500

0

Time-->

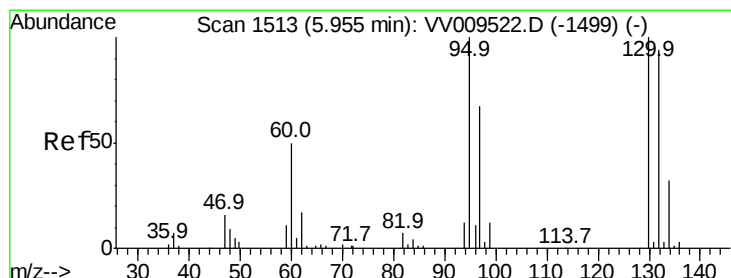
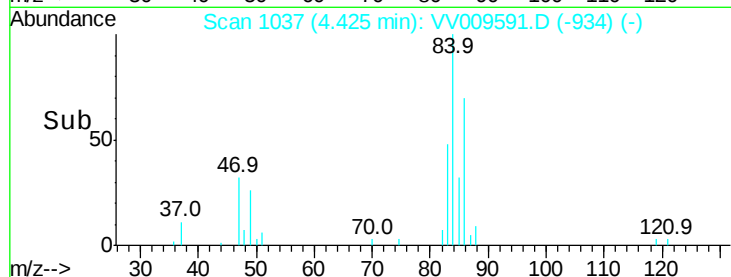
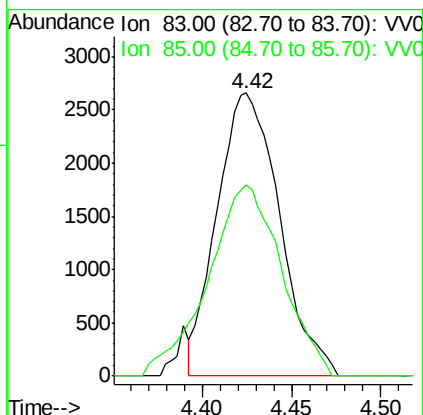
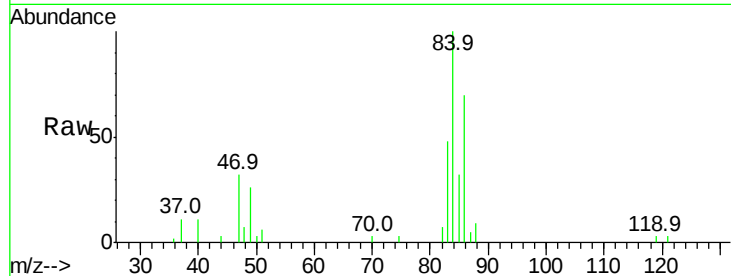




#25
Chloroform
Concen: 2.286 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009591.D
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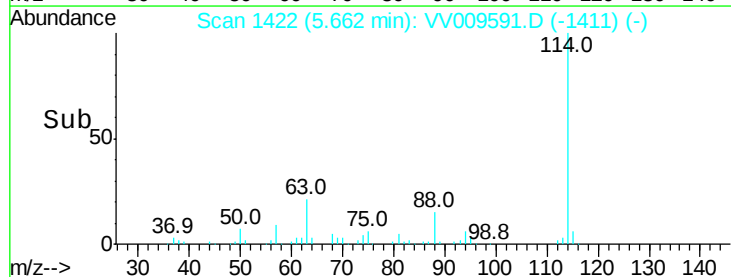
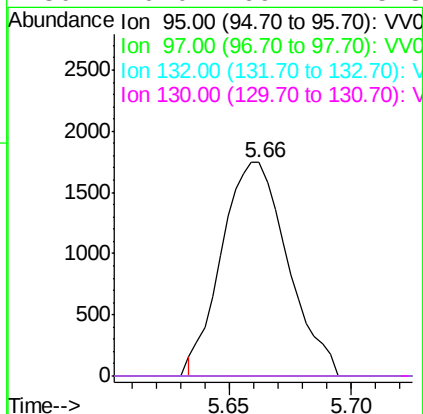
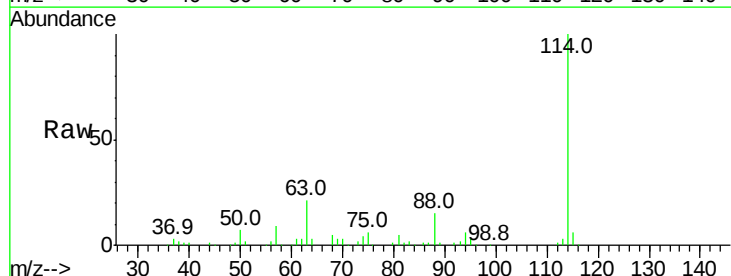
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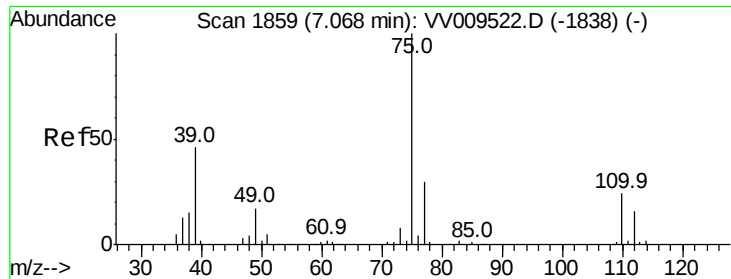
Tgt Ion: 83 Resp: 6491
Ion Ratio Lower Upper
83 100
85 79.2 45.4 84.2



#35
Trichloroethene
Concen: 1.997 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009591.D
Acq: 11 Mar 2019 13:36

Tgt Ion: 95 Resp: 3275
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#





#42

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV009591.D

Acq: 11 Mar 2019 13:36

Instrument :

MSVOA_V

ClientSampleId :

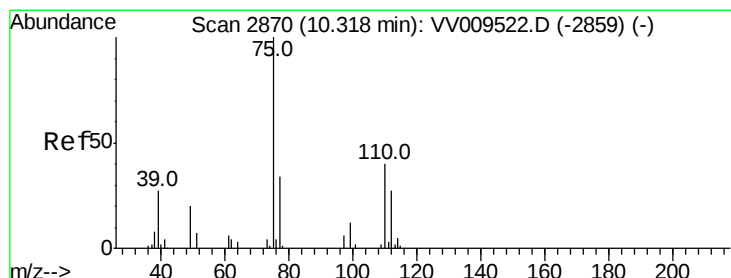
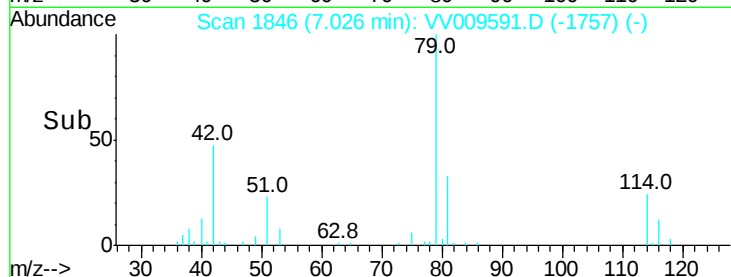
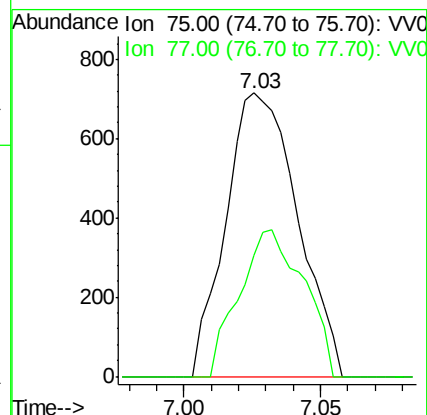
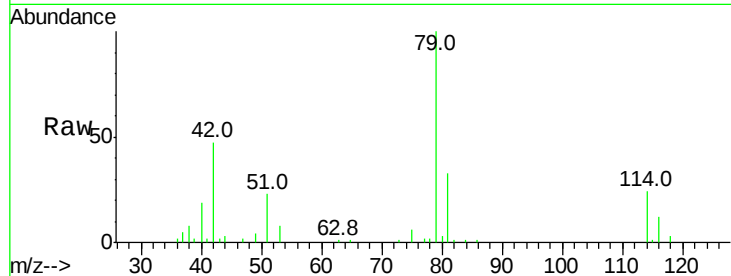
VIBLK79

Tgt Ion: 75 Resp: 1305

Ion Ratio Lower Upper

75 100

77 42.8 21.4 39.8#



#59

1,2,3-Trichloropropane

Concen: 5.310 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009591.D

Acq: 11 Mar 2019 13:36

Tgt Ion: 75 Resp: 6607

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9#

