

Data File : VV009930.D
Acq On : 27 Mar 2019 16:09
Operator : SY/MD
Sample : K2085-09
Misc : 4.66G/10mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T4

Quant Time: Mar 28 05:17:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	78516	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21320	13.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.52%
7) Chloroethane-d5	1.57	69	34305	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
10) 1,1-Dichloroethene-d2	2.13	63	54733	12.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.24%
20) 2-Butanone-d5	4.01	46	287	0.97	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.94%#
24) Chloroform-d	4.40	84	59869	29.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.72%
26) 1,2-Dichloroethane-d4	5.08	65	48384	40.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	160.76%#
29) Benzene-d6	5.10	84	114081	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	6.12	67	42029	31.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.72%#
37) Toluene-d8	7.36	98	97415	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	7.66	79	12341	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	8.13	63	10677	42.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47081	35.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.24%#
61) 1,2-Dichlorobenzene-d4	11.67	152	35538	29.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.76%

Target Compounds

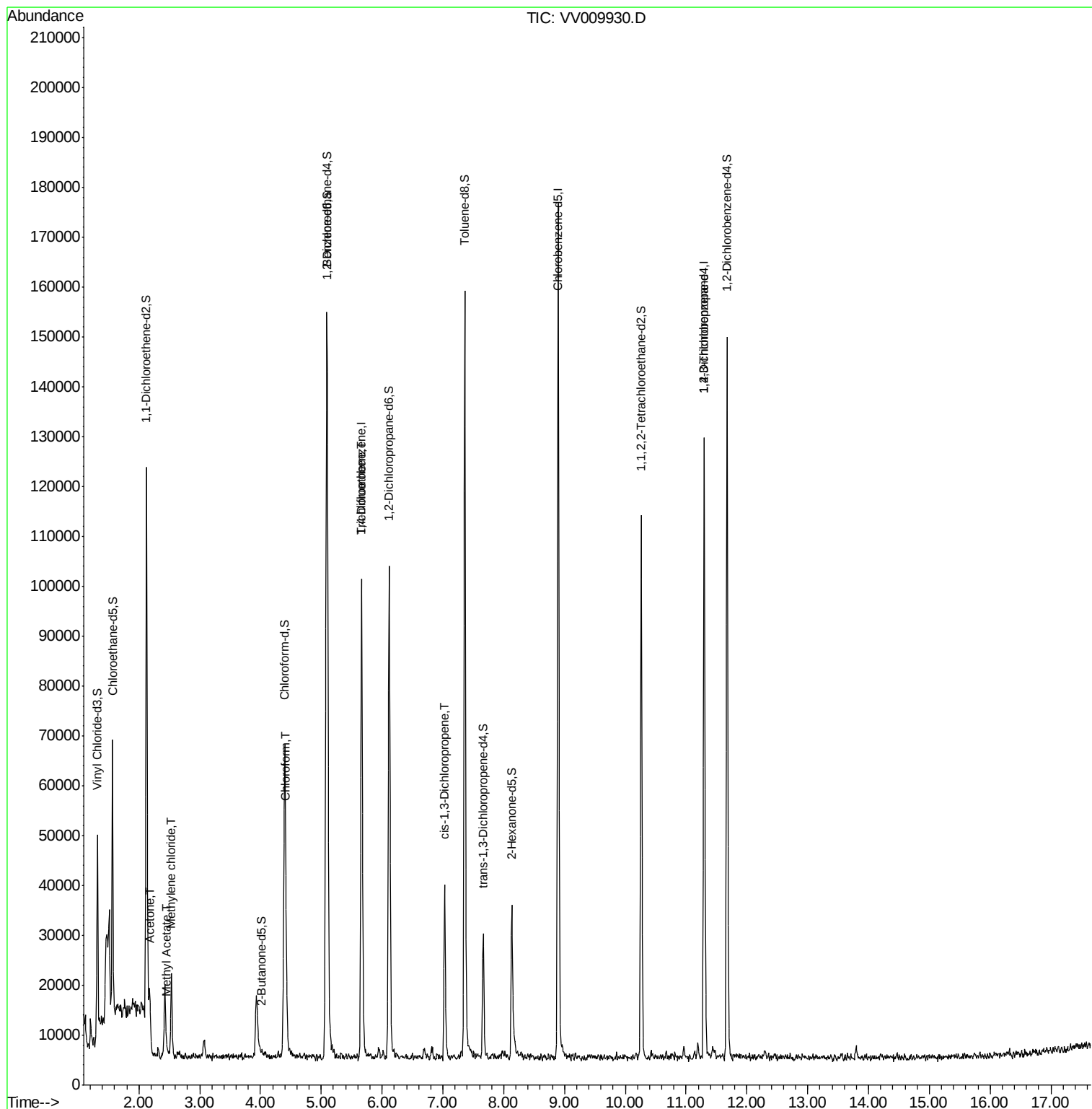
					Qvalue
13) Acetone	2.18	43	7466	16.609 ug/L	98
15) Methyl Acetate	2.46	43	1379	2.619 ug/L #	64
16) Methylene chloride	2.53	84	6360	4.919 ug/L	87
25) Chloroform	4.42	83	4864	2.338 ug/L #	64
35) Trichloroethene	5.66	95	2305	1.829 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	943	0.542 ug/L #	54
59) 1,2,3-Trichloropropane	11.30	75	5514	5.739 ug/L	93

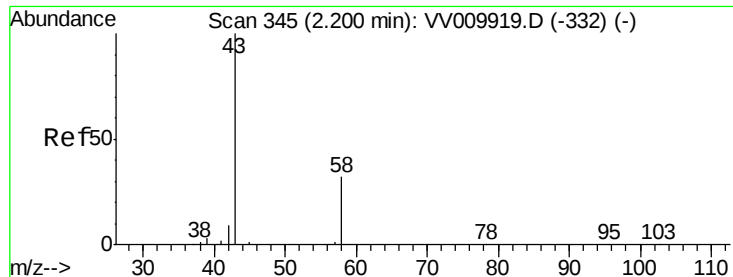
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.609 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV009930.D

Acq: 27 Mar 2019 16:09

Instrument :

MSVOA_V

ClientSampleId :

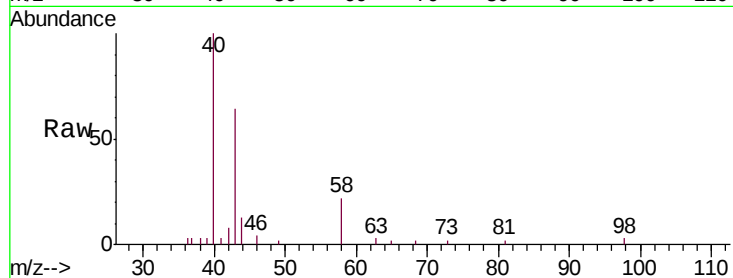
BF7T4

Tgt Ion: 43 Resp: 7466

Ion Ratio Lower Upper

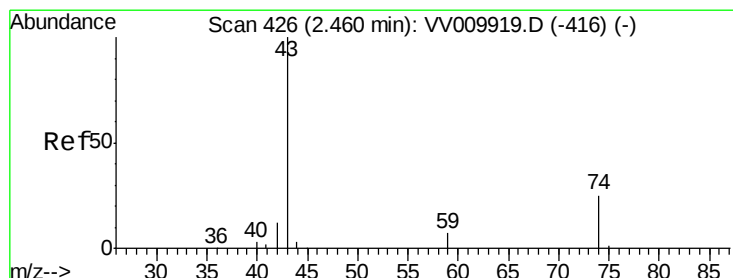
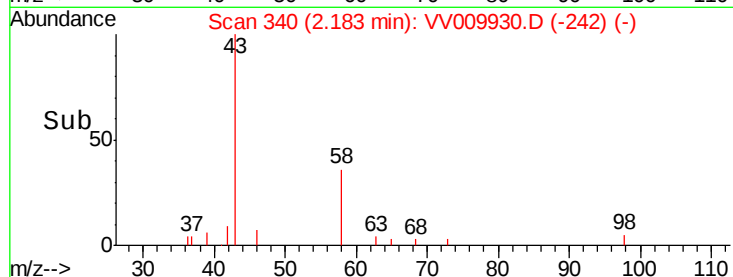
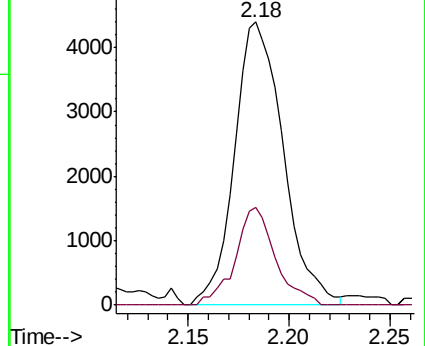
43 100

58 28.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009930.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV009930.D (-242) (-)



#15

Methyl Acetate

Concen: 2.619 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV009930.D

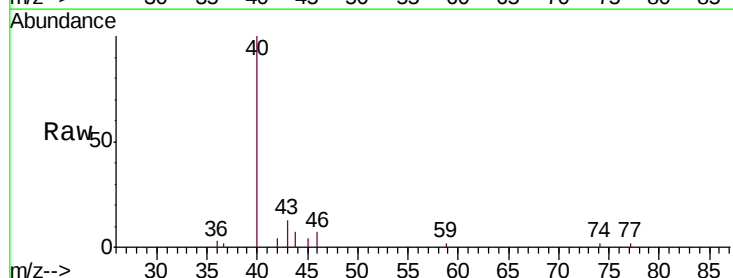
Acq: 27 Mar 2019 16:09

Tgt Ion: 43 Resp: 1379

Ion Ratio Lower Upper

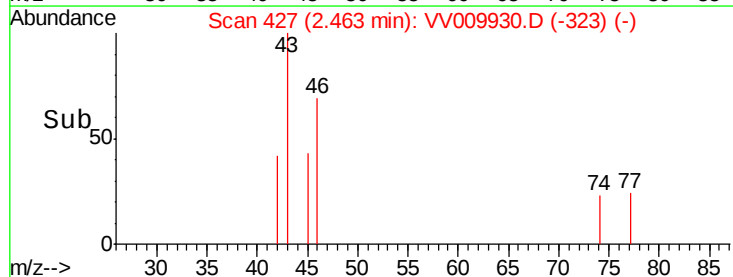
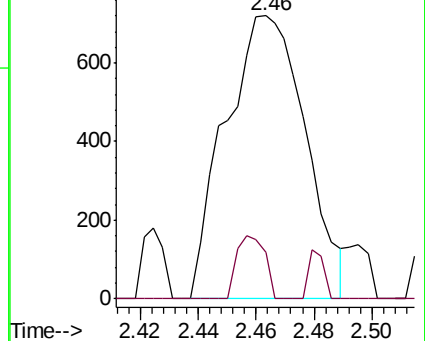
43 100

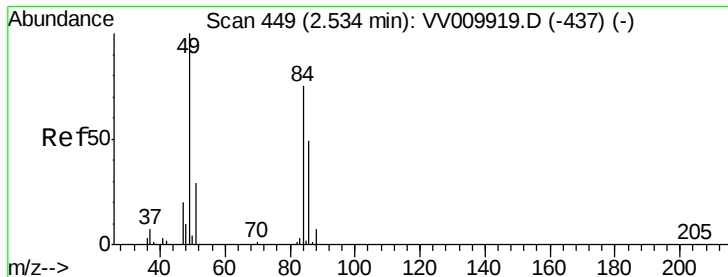
74 7.8 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VV009930.D (-323) (-)

Ion 74.00 (73.70 to 74.70): VV009930.D (-323) (-)

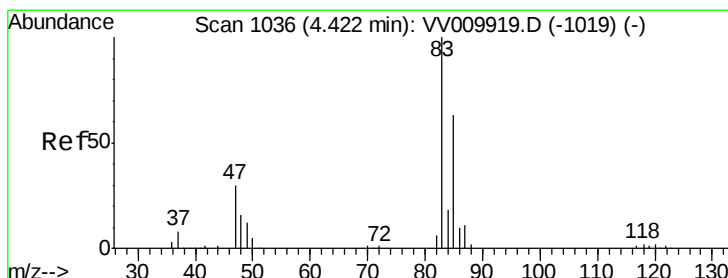
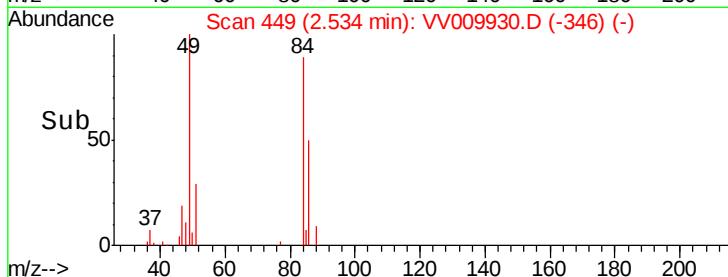
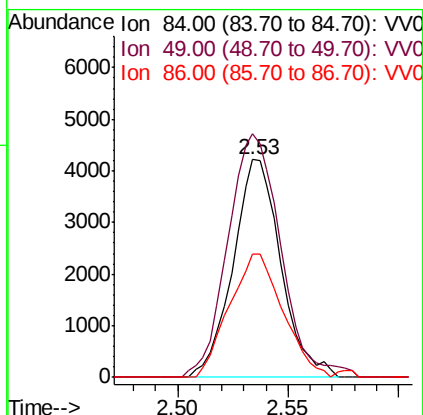
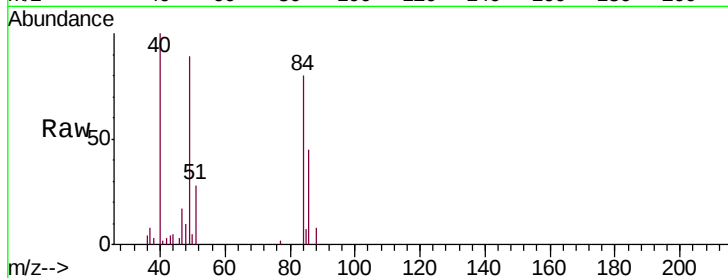




#16
Methylene chloride
Concen: 4.919 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009930.D
Acq: 27 Mar 2019 16:09

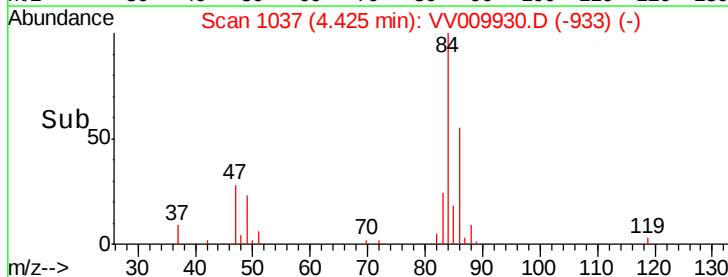
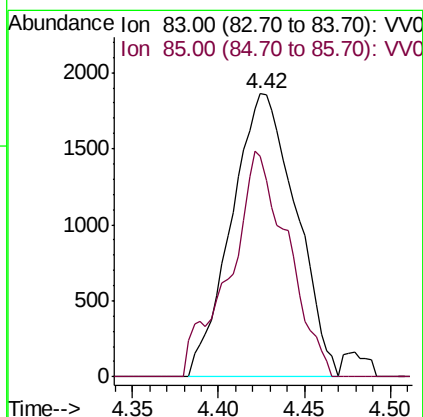
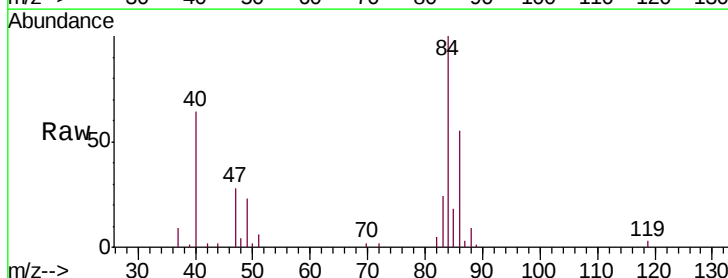
Instrument :
MSVOA_V
ClientSampleId :
BF7T4

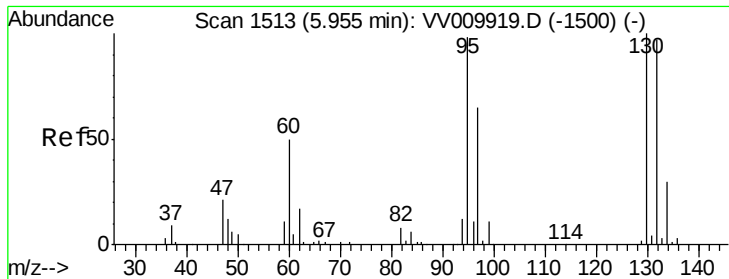
Tgt Ion: 84 Resp: 6360
Ion Ratio Lower Upper
84 100
49 111.9 90.4 167.8
86 56.5 44.0 81.6



#25
Chloroform
Concen: 2.338 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009930.D
Acq: 27 Mar 2019 16:09

Tgt Ion: 83 Resp: 4864
Ion Ratio Lower Upper
83 100
85 37.4 46.1 85.7#





#35

Trichloroethene

Concen: 1.829 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV009930.D

Acq: 27 Mar 2019 16:09

Instrument :

MSVOA_V

ClientSampleId :

BF7T4

Tgt Ion: 95 Resp: 2305

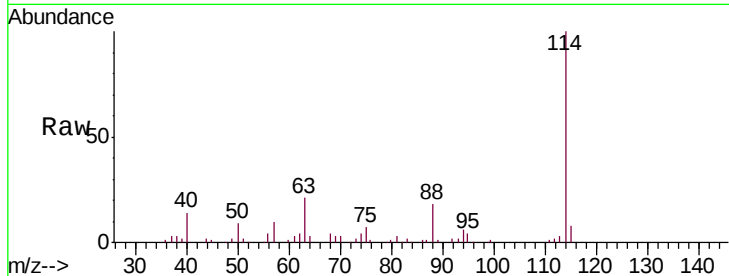
Ion Ratio Lower Upper

95 100

97 3.4 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#

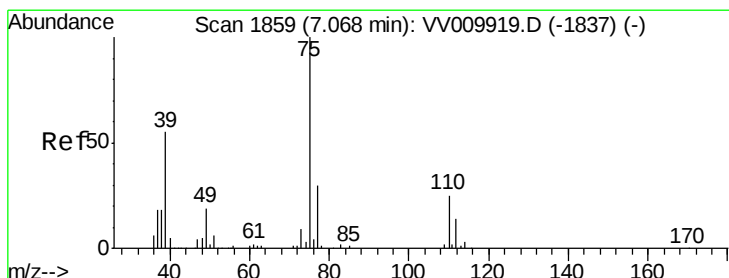
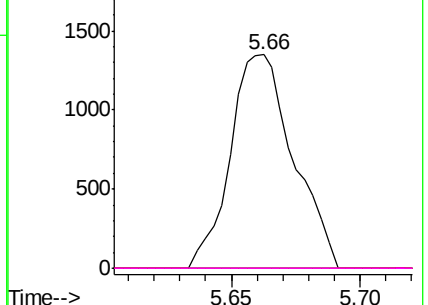
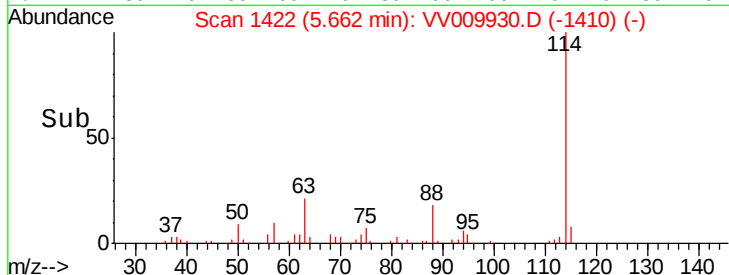


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV009930.D

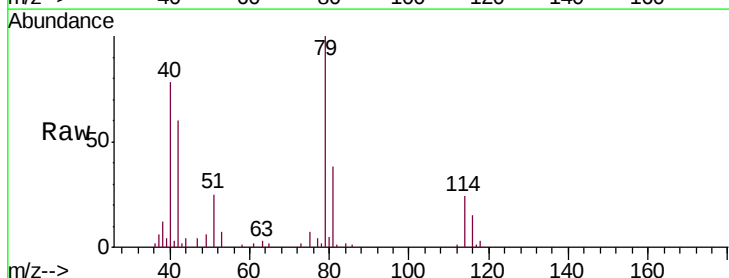
Acq: 27 Mar 2019 16:09

Tgt Ion: 75 Resp: 943

Ion Ratio Lower Upper

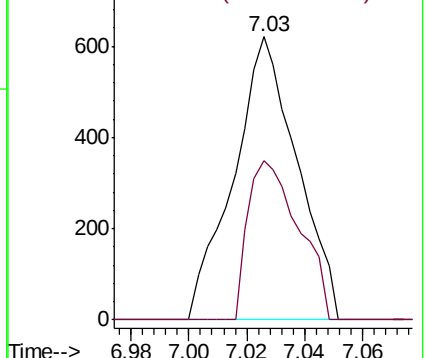
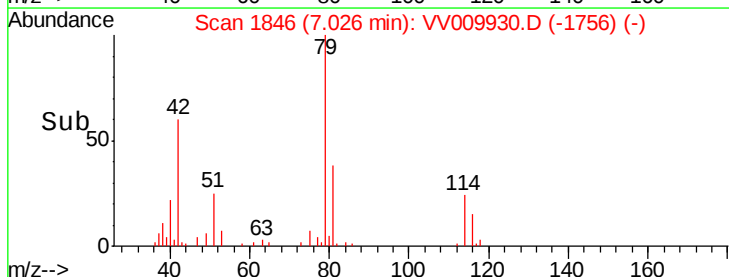
75 100

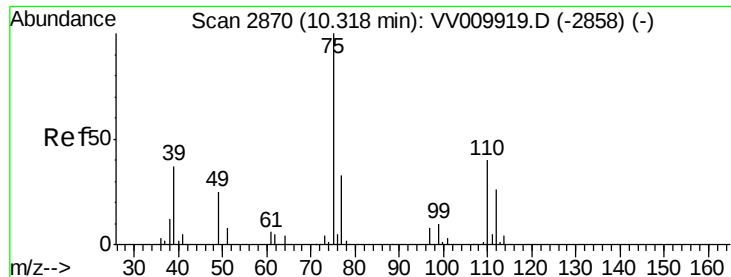
77 56.4 21.8 40.6#



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: 5.739 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009930.D

Acq: 27 Mar 2019 16:09

Instrument :

MSVOA_V

ClientSampleId :

BF7T4

Tgt Ion: 75 Resp: 5514

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.2

