

Data File : VV009318.D
Acq On : 21 Feb 2019 12:15
Operator : SY/MD
Sample : K1543-02
Misc : 3.66G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5W9

Quant Time: Feb 22 04:56:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154509	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51613	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	1.57	69	50204	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
10) 1,1-Dichloroethene-d2	2.13	63	103237	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.72%
20) 2-Butanone-d5	3.93	46	32306	44.91	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
24) Chloroform-d	4.40	84	89360	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	53356	27.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.72%
29) Benzene-d6	5.10	84	198763	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	6.12	67	60103	26.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.08%
37) Toluene-d8	7.36	98	188369	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.76%
38) trans-1,3-Dichloropropene-	7.66	79	28315	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.24%
39) 2-Hexanone-d5	8.13	63	29902	47.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61610	25.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	68709	26.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.80%

Target Compounds

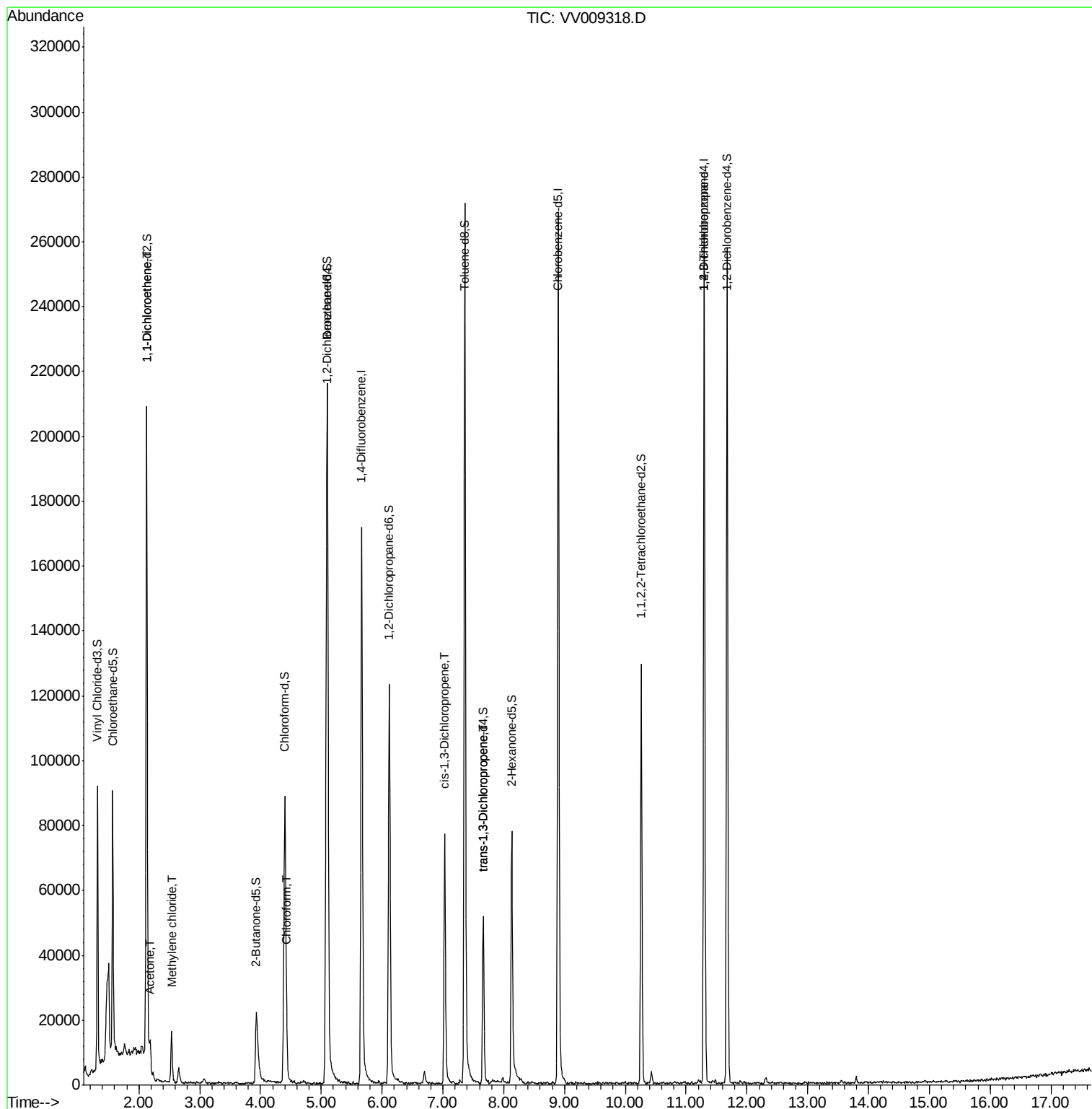
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1271	0.561 ug/L #	1
13) Acetone	2.19	43	1514	2.153 ug/L	86
16) Methylene chloride	2.54	84	6734	2.881 ug/L	100
25) Chloroform	4.44	83	4057	1.124 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	2231	0.651 ug/L #	79
45) trans-1,3-Dichloropropene	7.66	75	1427	0.476 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	9181	5.051 ug/L	95

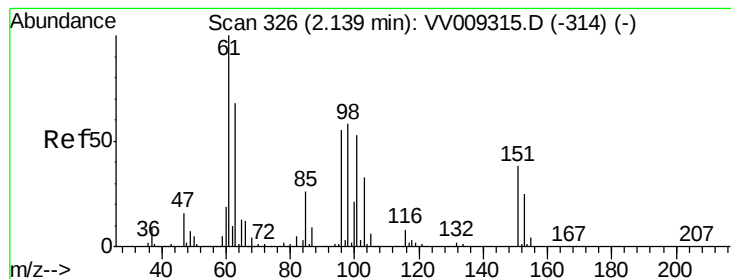
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.561 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 21 Feb 2019 12:15

Instrument :

MSVOA_V

ClientSampleId :

BF5W9

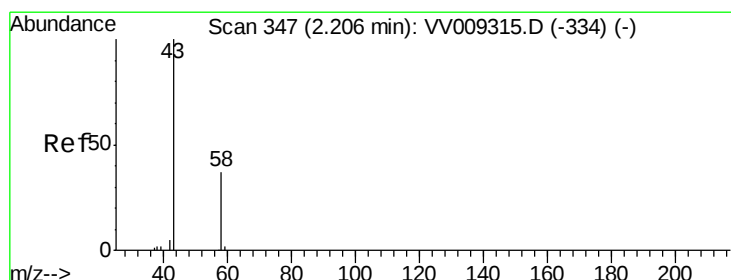
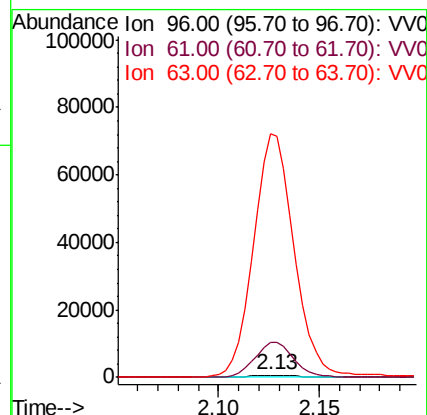
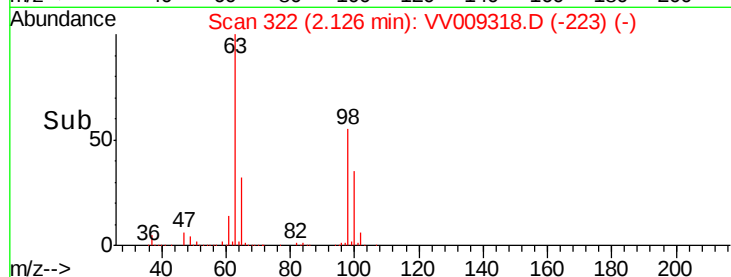
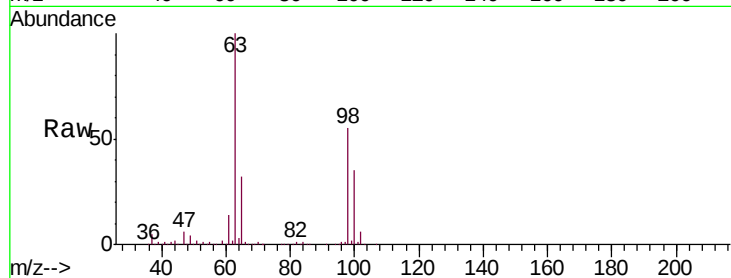
Tgt Ion: 96 Resp: 1271

Ion Ratio Lower Upper

96 100

61 1785.8 123.3 228.9#

63 12504.7 88.4 164.2#



#13

Acetone

Concen: 2.153 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV009318.D

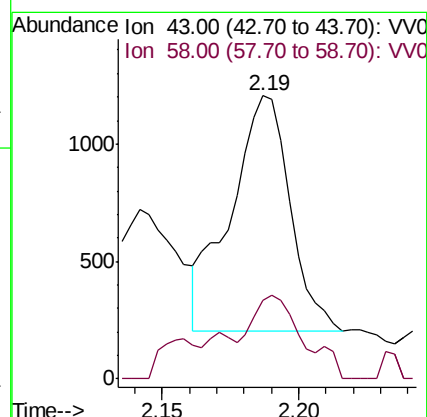
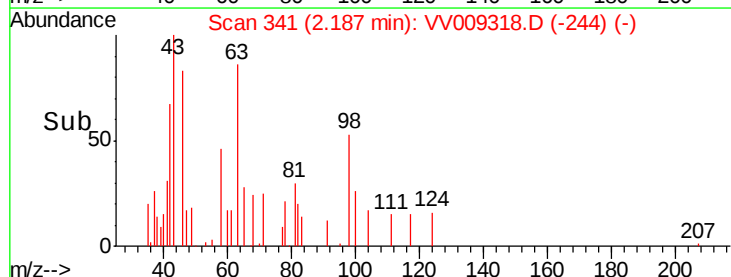
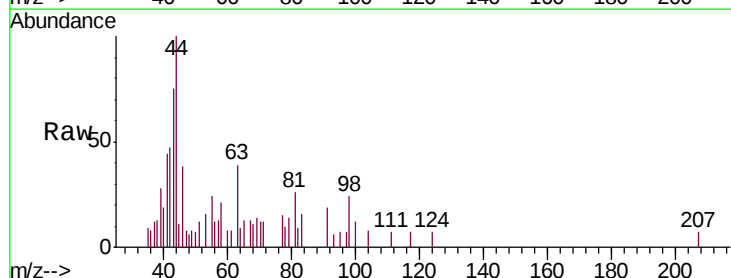
Acq: 21 Feb 2019 12:15

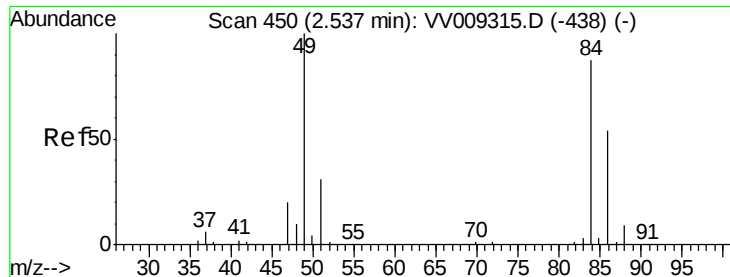
Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

43 100

58 27.7 0.0 72.0

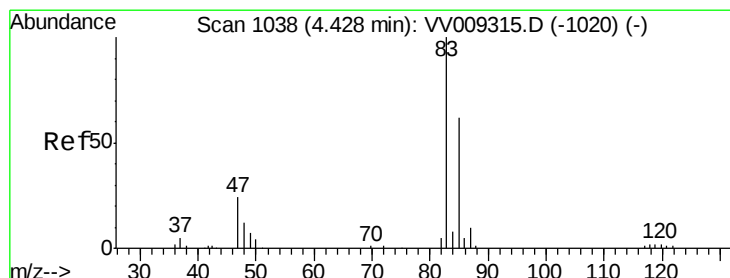
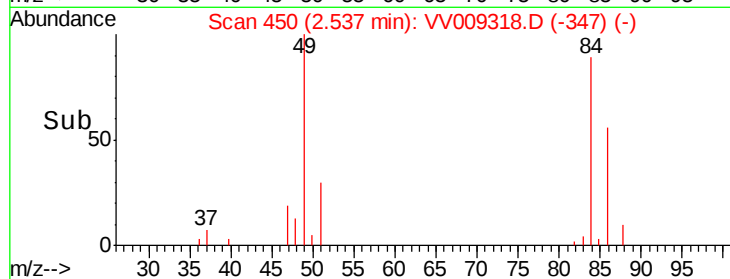
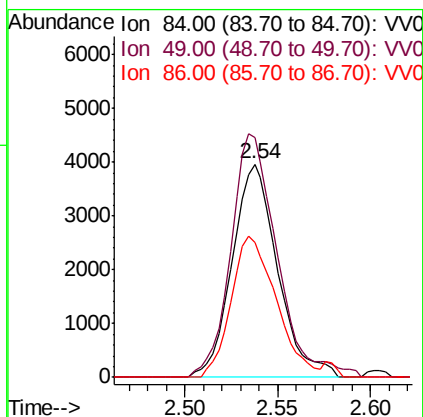
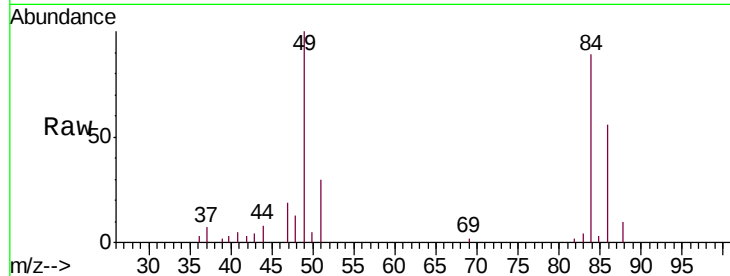




#16
Methylene chloride
Concen: 2.881 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009318.D
Acq: 21 Feb 2019 12:15

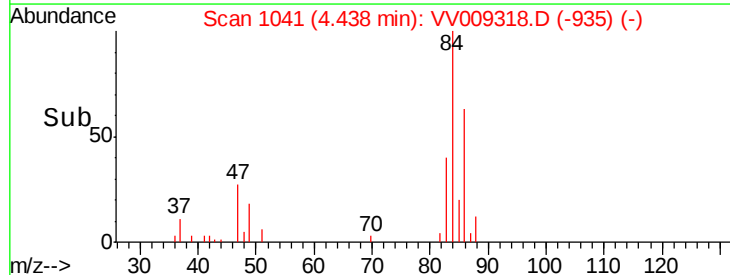
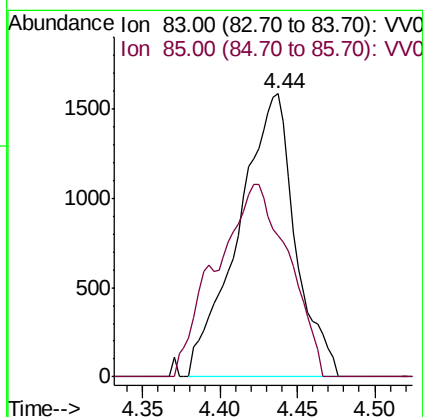
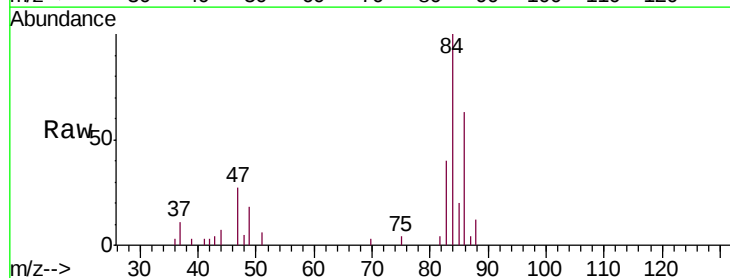
Instrument :
MSVOA_V
ClientSampled :
BF5W9

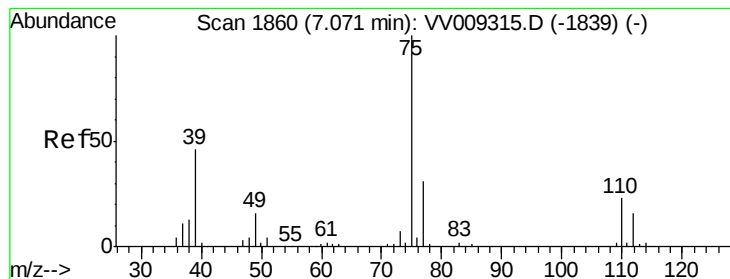
Tgt Ion: 84 Resp: 6734
Ion Ratio Lower Upper
84 100
49 112.7 78.7 146.1
86 63.3 44.0 81.6



#25
Chloroform
Concen: 1.124 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV009318.D
Acq: 21 Feb 2019 12:15

Tgt Ion: 83 Resp: 4057
Ion Ratio Lower Upper
83 100
85 68.7 47.5 88.3





#42

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009318.D

Acq: 21 Feb 2019 12:15

Instrument :

MSVOA_V

ClientSampleId :

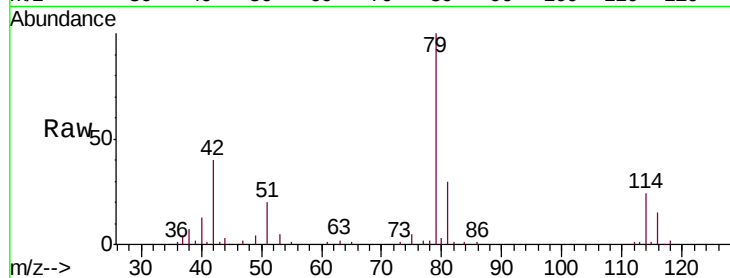
BF5W9

Tgt Ion: 75 Resp: 2231

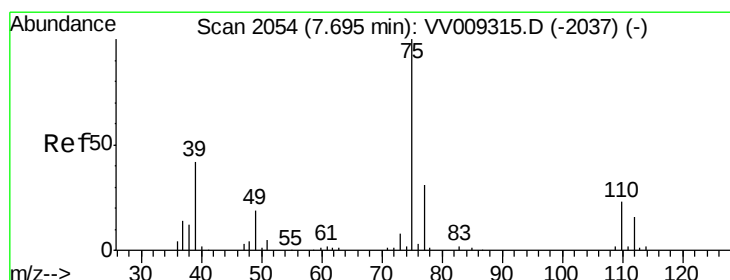
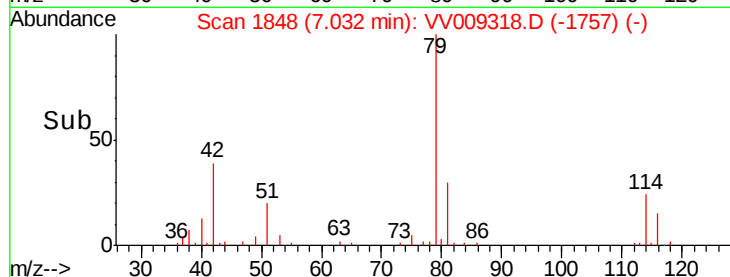
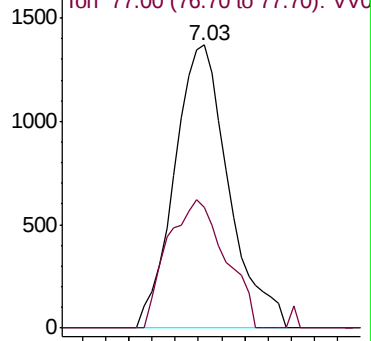
Ion Ratio Lower Upper

75 100

77 42.9 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV009318.D (-1757) (-)



#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009318.D

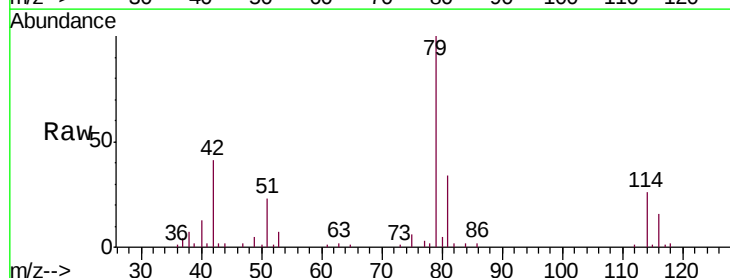
Acq: 21 Feb 2019 12:15

Tgt Ion: 75 Resp: 1427

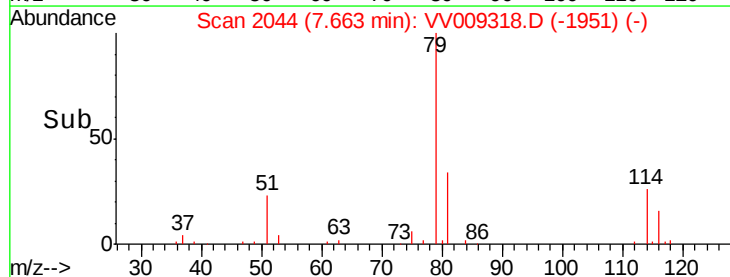
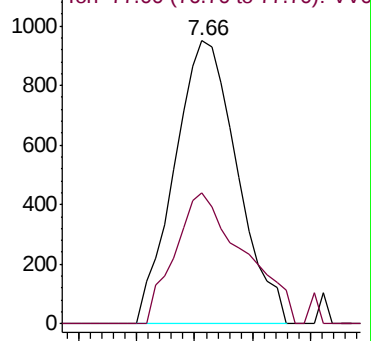
Ion Ratio Lower Upper

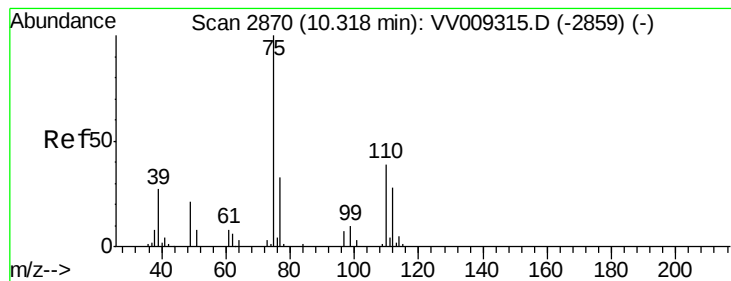
75 100

77 46.2 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV009318.D (-1951) (-)





#59

1,2,3-Trichloropropane

Concen: 5.051 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009318.D

Acq: 21 Feb 2019 12:15

Instrument :

MSVOA_V

ClientSampleId :

BF5W9

Tgt Ion: 75 Resp: 9181

Ion Ratio Lower Upper

75 100

77 35.5 26.3 39.5

