

Data File : VV009381.D
Acq On : 26 Feb 2019 21:41
Operator : SY/MD
Sample : K1622-05
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H8

Quant Time: Feb 27 04:49:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	122166	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49165	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28102	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.12%
7) Chloroethane-d5	1.58	69	51403	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
10) 1,1-Dichloroethene-d2	2.13	63	67769	16.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.68%
20) 2-Butanone-d5	3.96	46	19891	42.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.92%
24) Chloroform-d	4.40	84	73647	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.08	65	47172	28.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.12%
29) Benzene-d6	5.10	84	147022	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	6.12	67	49879	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.68%
37) Toluene-d8	7.36	98	139224	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.08%
38) trans-1,3-Dichloropropene-	7.66	79	19566	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	8.14	63	16659	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	48154	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	46352	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

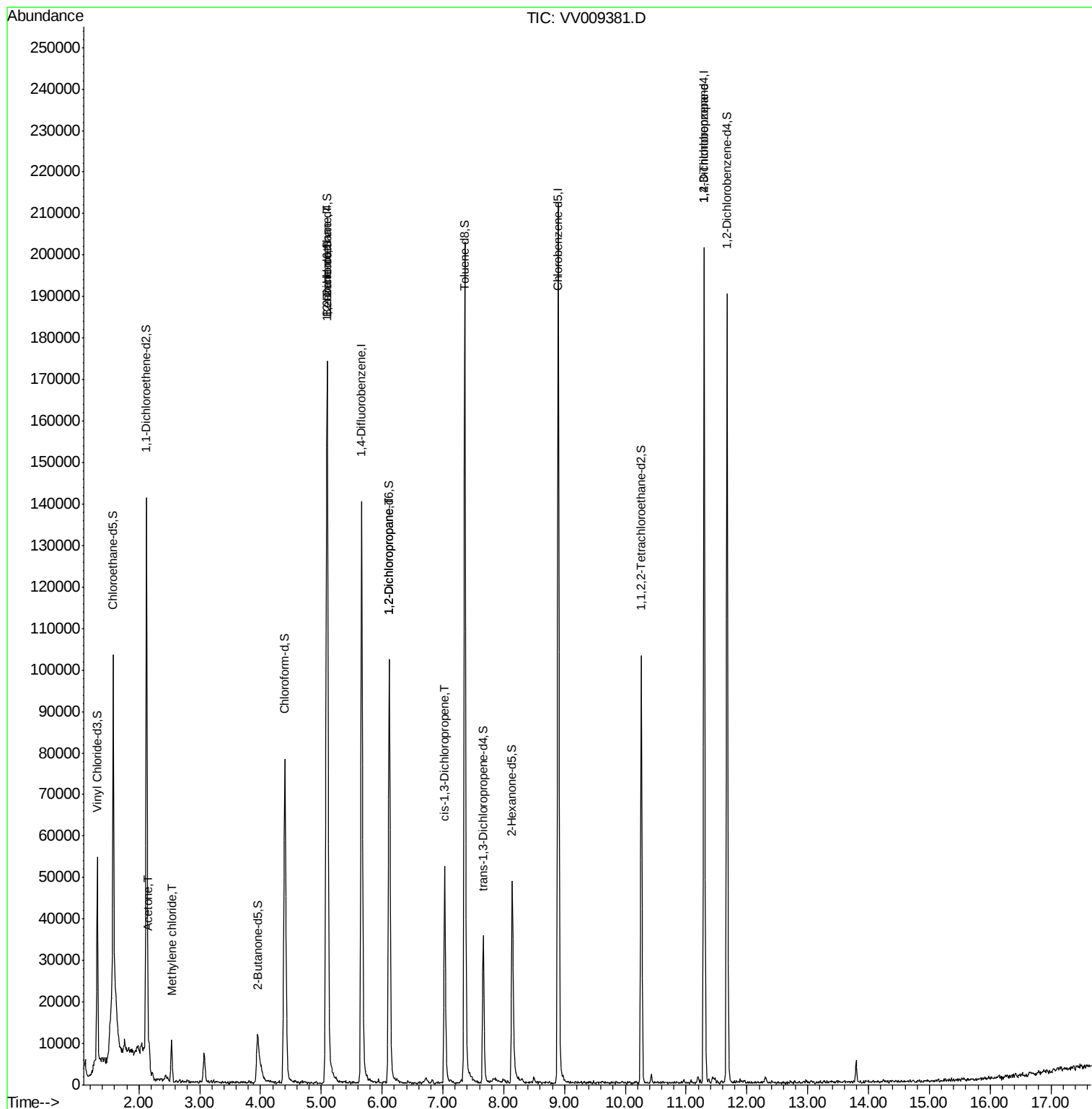
					Qvalue
13) Acetone	2.15	43	366	0.691 ug/L	73
16) Methylene chloride	2.54	84	4111	2.484 ug/L	99
27) 1,2-Dichloroethane	5.09	62	639	0.313 ug/L #	77
40) 1,2-Dichloropropane	6.12	63	5760	3.659 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1769	0.707 ug/L #	81
59) 1,2,3-Trichloropropane	11.30	75	7147	5.675 ug/L	91

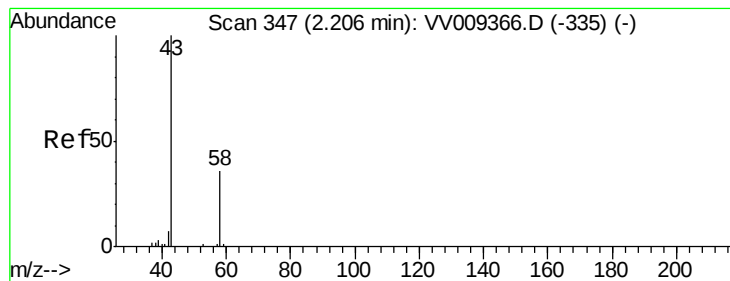
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.691 ug/L

RT: 2.15 min Scan# 331

Delta R.T. -0.05 min

Lab File: VV009381.D

Acq: 26 Feb 2019 21:41

Instrument :

MSVOA_V

ClientSampled :

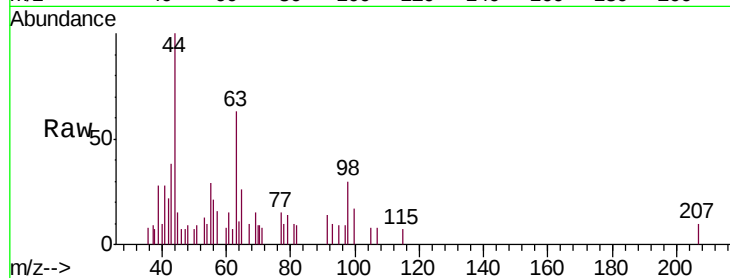
BF5H8

Tgt Ion: 43 Resp: 366

Ion Ratio Lower Upper

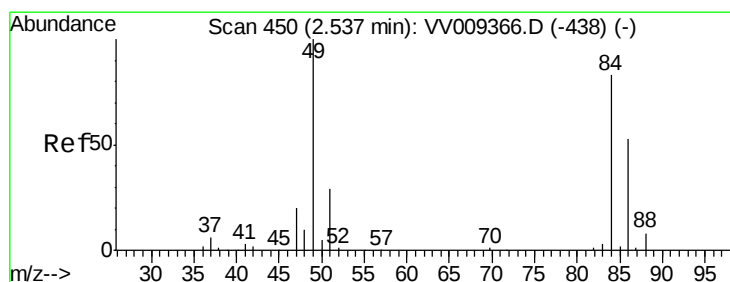
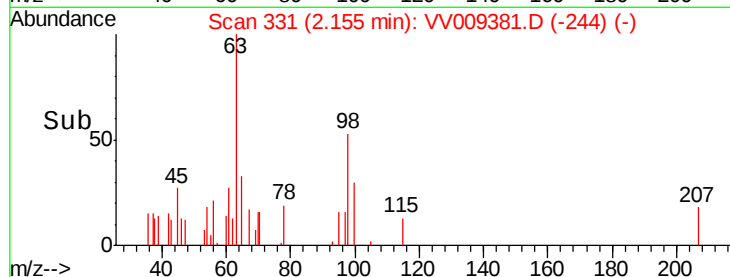
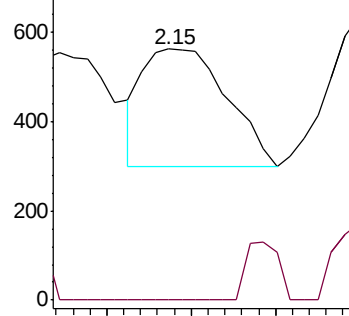
43 100

58 19.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009381.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009381.D (-335) (-)



#16

Methylene chloride

Concen: 2.484 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009381.D

Acq: 26 Feb 2019 21:41

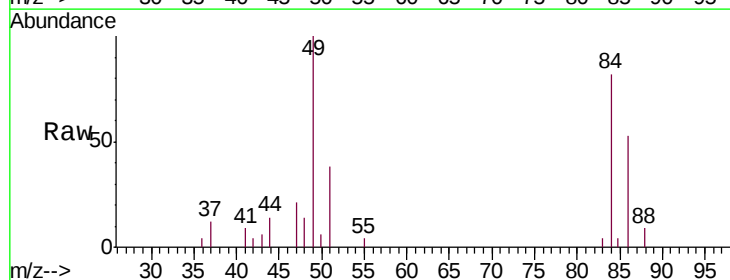
Tgt Ion: 84 Resp: 4111

Ion Ratio Lower Upper

84 100

49 121.3 84.6 157.0

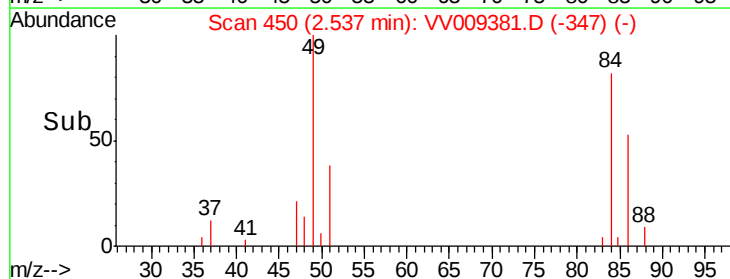
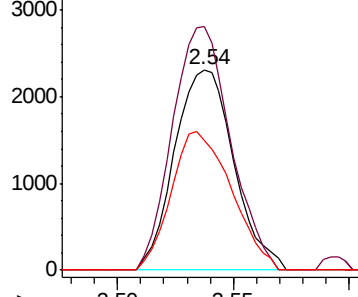
86 64.5 46.1 85.7

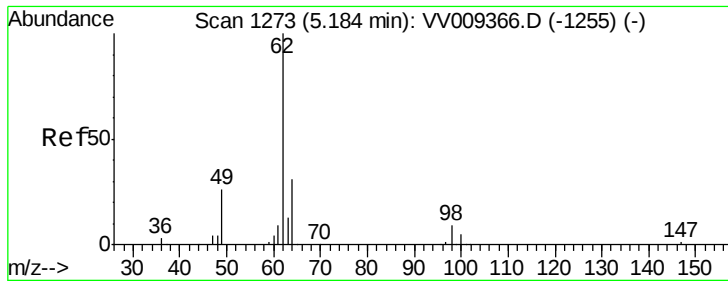


Abundance Ion 84.00 (83.70 to 84.70): VV009381.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV009381.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV009381.D (-347) (-)





#27

1,2-Dichloroethane

Concen: 0.313 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV009381.D

Acq: 26 Feb 2019 21:41

Instrument :

MSVOA_V

ClientSampleId :

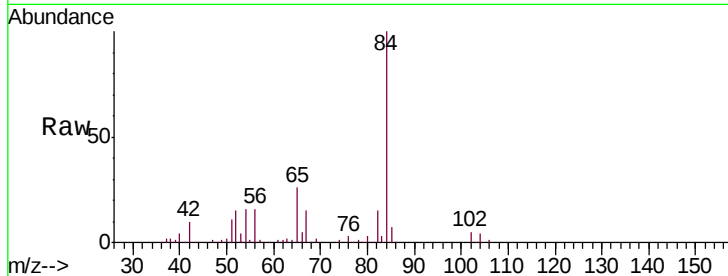
BF5H8

Tgt Ion: 62 Resp: 639

Ion Ratio Lower Upper

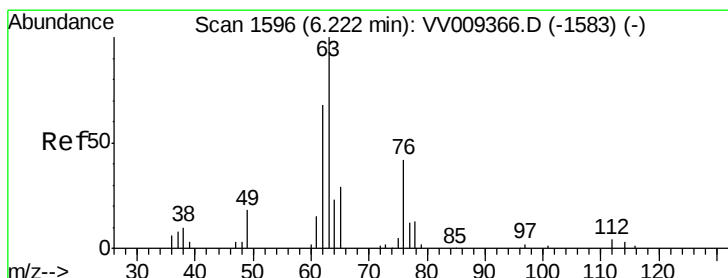
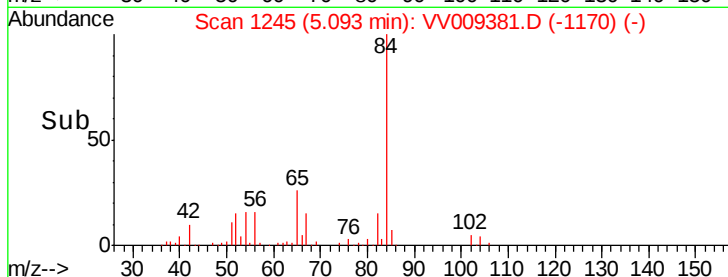
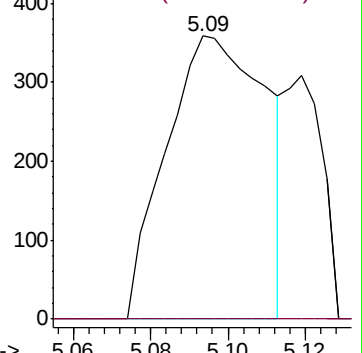
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#40

1,2-Dichloropropane

Concen: 3.659 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV009381.D

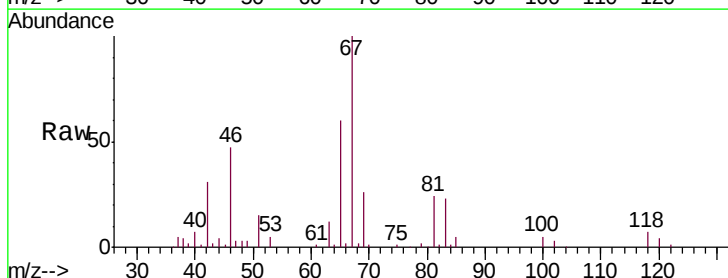
Acq: 26 Feb 2019 21:41

Tgt Ion: 63 Resp: 5760

Ion Ratio Lower Upper

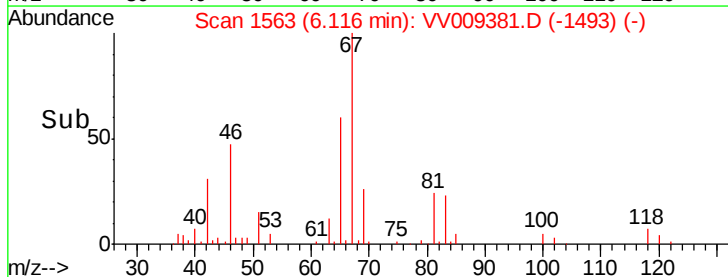
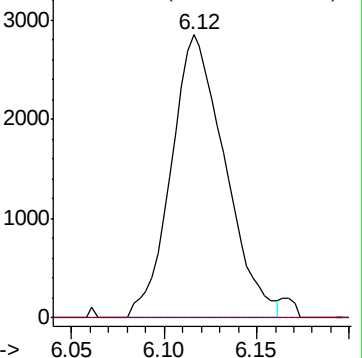
63 100

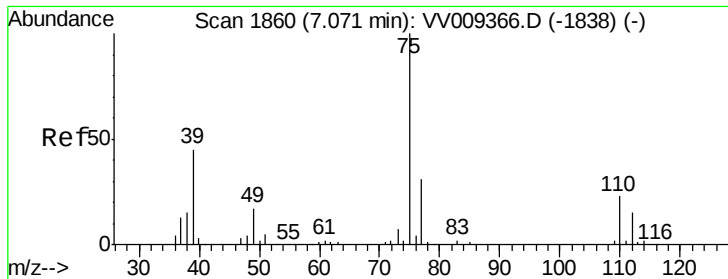
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



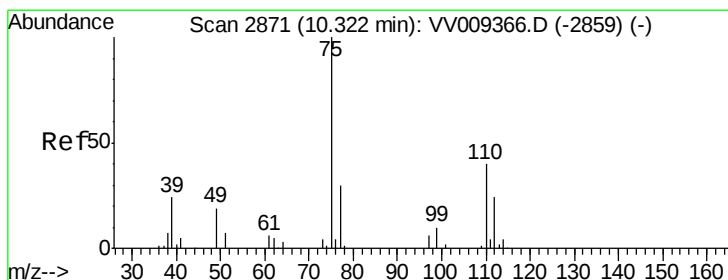
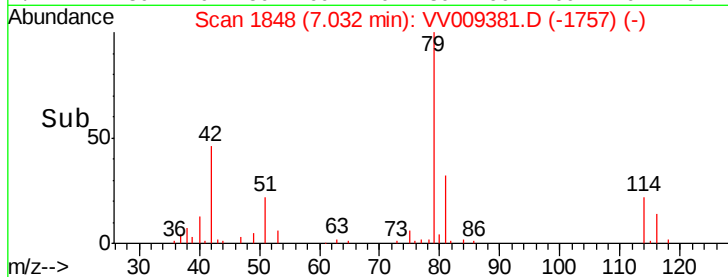
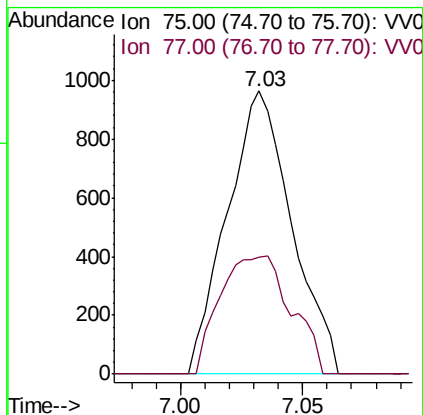
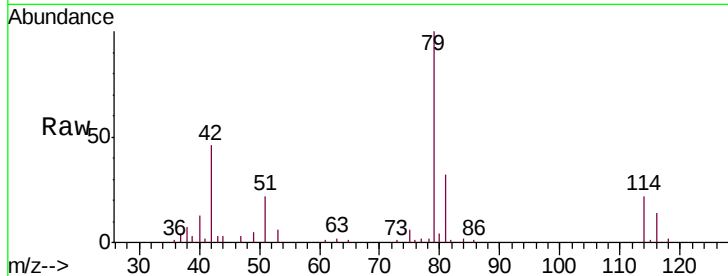


#42

cis-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009381.D
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Instrument :
MSVOA_V
ClientSampled :
BF5H8

Tgt Ion: 75 Resp: 1769
Ion Ratio Lower Upper
75 100
77 41.2 21.4 39.8#



#59

1,2,3-Trichloropropane
Concen: 5.675 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009381.D
Acq: 26 Feb 2019 21:41

Tgt Ion: 75 Resp: 7147
Ion Ratio Lower Upper
75 100
77 37.4 25.9 38.9

