

Data File : VV009384.D
Acq On : 26 Feb 2019 23:00
Operator : SY/MD
Sample : K1622-08
Misc : 4.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5J2

Quant Time: Feb 27 04:49:27 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	5.67	114	136421	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27079	15.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.12%
7) Chloroethane-d5	1.57	69	34758	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.32%
10) 1,1-Dichloroethene-d2	2.13	63	68704	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
20) 2-Butanone-d5	3.95	46	18734	36.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.46%
24) Chloroform-d	4.40	84	80677	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.08	65	50965	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.36%
29) Benzene-d6	5.10	84	161617	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	6.12	67	53691	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	7.36	98	150129	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.84%
38) trans-1,3-Dichloropropene-	7.67	79	21399	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	8.14	63	17819	41.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53573	26.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	54859	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds

					Qvalue
16) Methylene chloride	2.54	84	4718	2.553 ug/L	85
21) 2-Butanone	4.01	43	1464	1.987 ug/L #	48
25) Chloroform	4.42	83	1406	0.427 ug/L #	29
27) 1,2-Dichloroethane	5.10	62	848	0.372 ug/L #	77
35) Trichloroethene	5.67	95	3740	1.849 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1623	0.563 ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	8909	6.134 ug/L	90

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

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Instrument :
MSVOA_V
ClientSampleId :
BF5J2

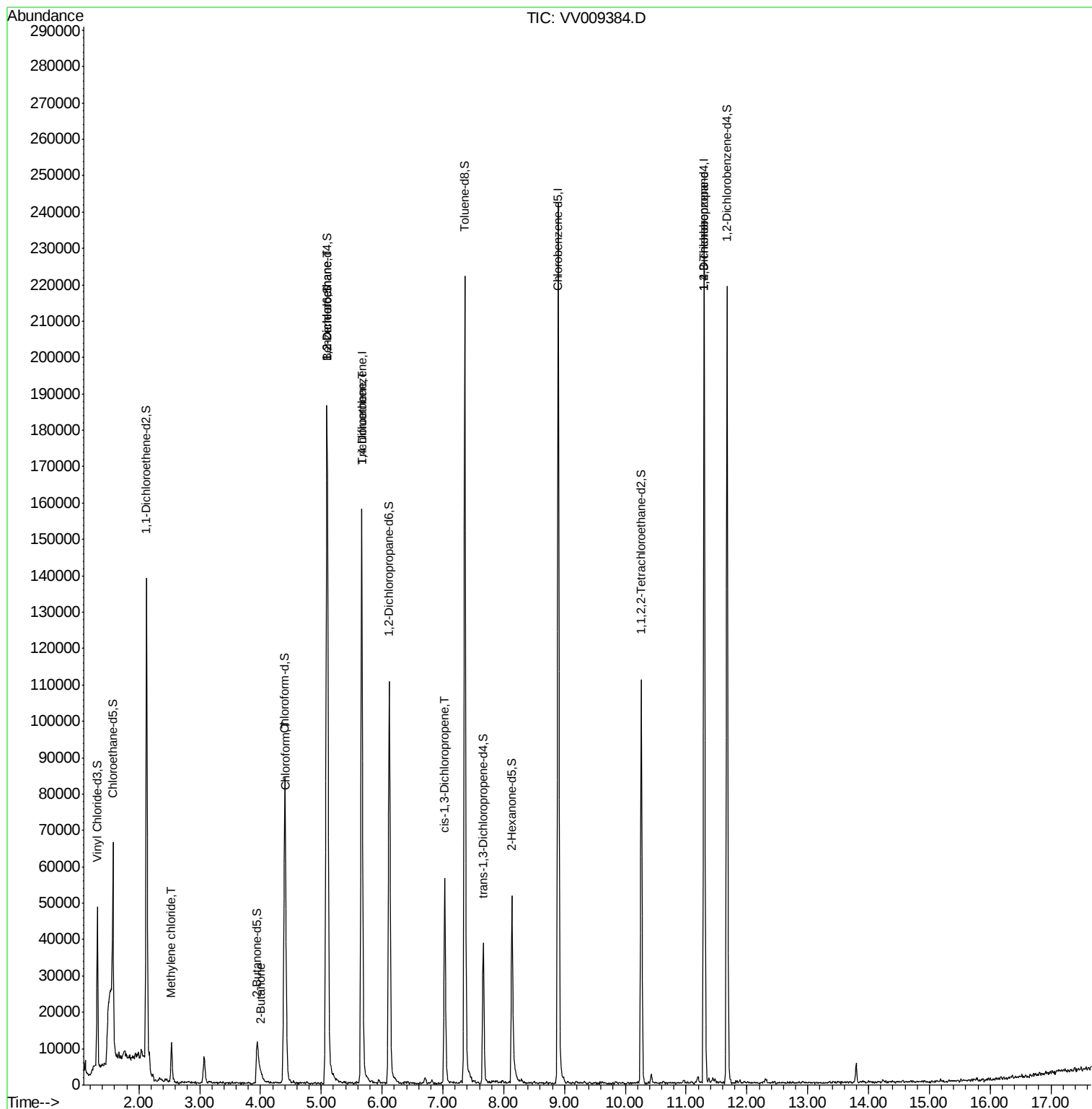
Quant Time: Feb 27 04:49:27 2019

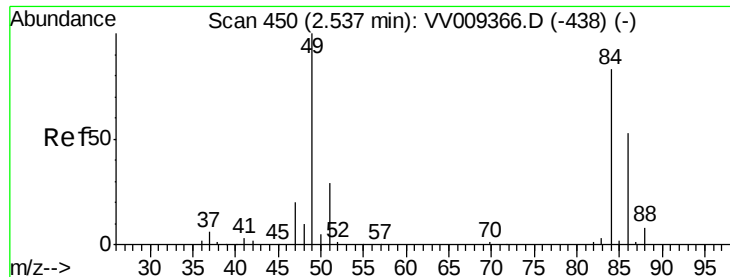
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM022619S.M

Quant Title : VOC Analysis

QLast Update : Wed Feb 27 04:43:55 2019

Response via : Initial Calibration

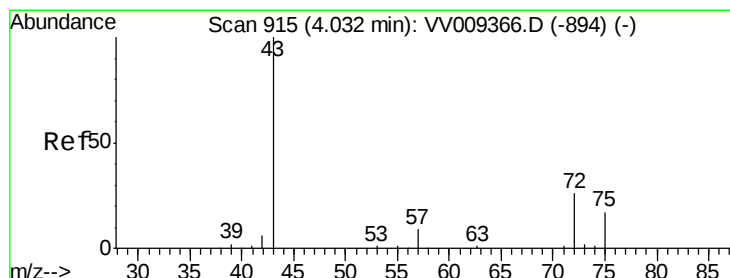
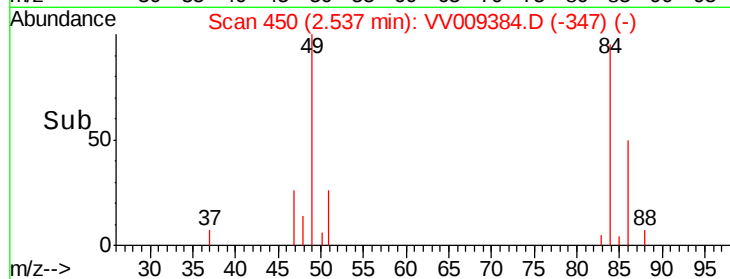
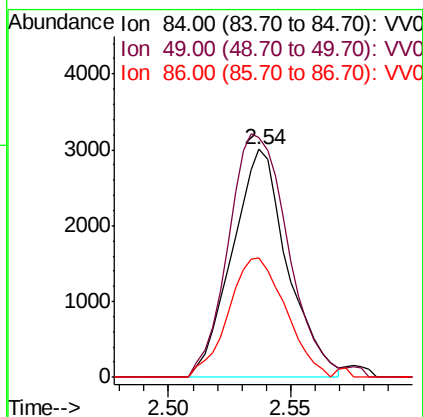
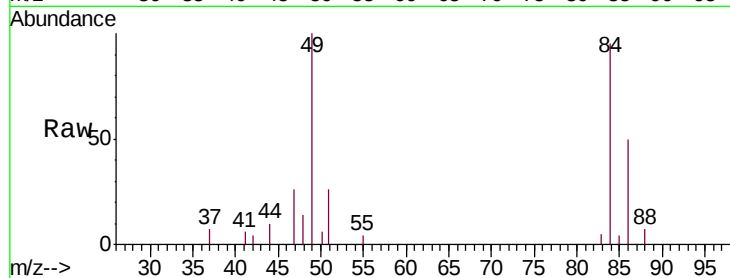




#16
Methylene chloride
Concen: 2.553 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009384.D
Acq: 26 Feb 2019 23:00

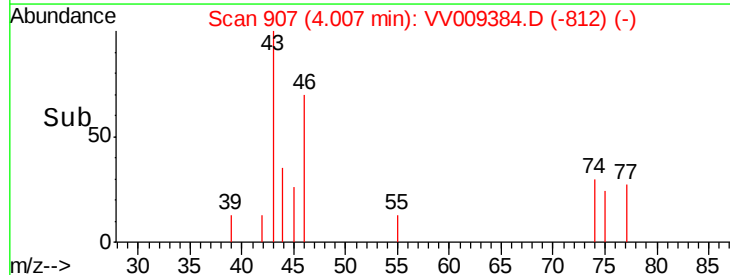
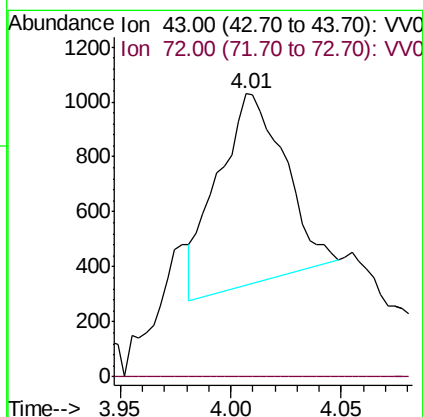
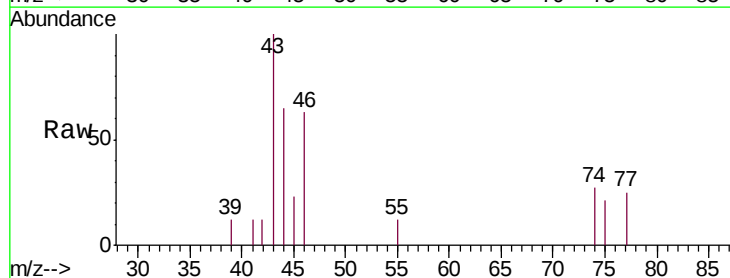
Instrument :
MSVOA_V
ClientSampleId :
BF5J2

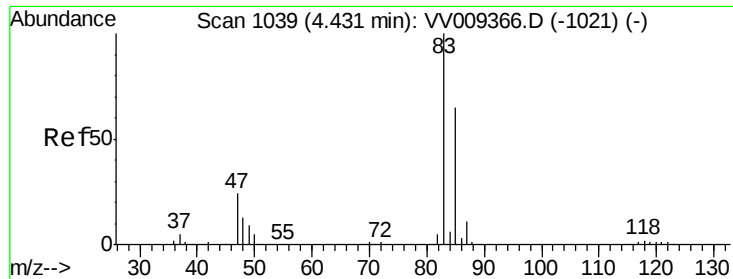
Tgt Ion: 84 Resp: 4718
Ion Ratio Lower Upper
84 100
49 105.0 84.6 157.0
86 52.5 46.1 85.7



#21
2-Butanone
Concen: 1.987 ug/L
RT: 4.01 min Scan# 907
Delta R.T. -0.03 min
Lab File: VV009384.D
Acq: 26 Feb 2019 23:00

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.0#

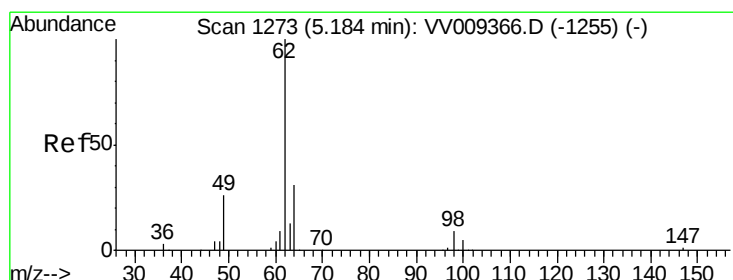
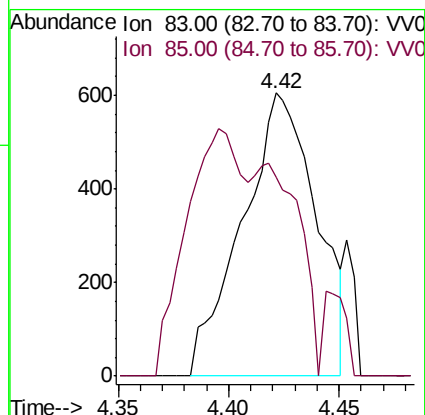
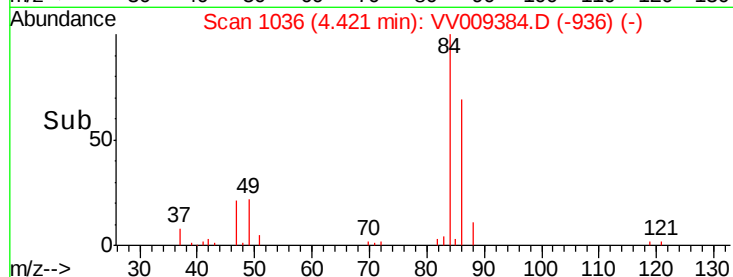
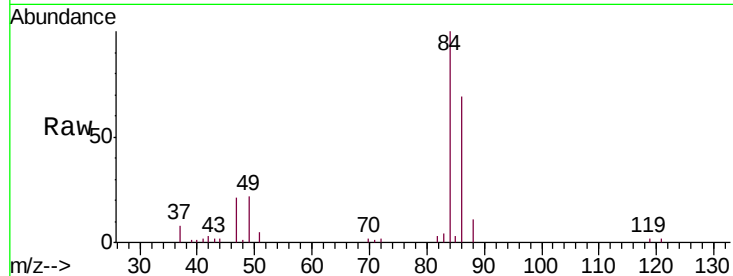




#25
Chloroform
Concen: 0.427 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009384.D
Acq: 26 Feb 2019 23:00

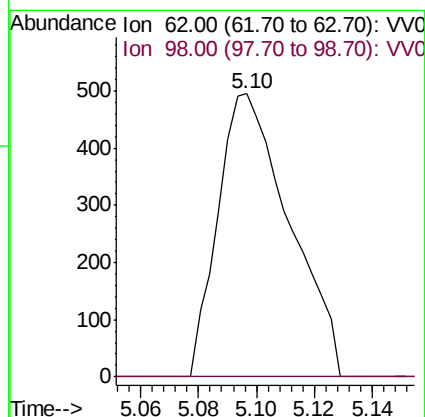
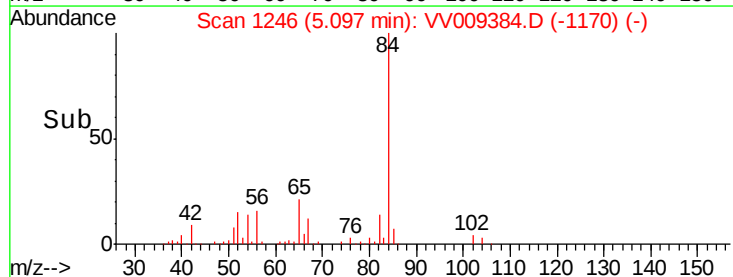
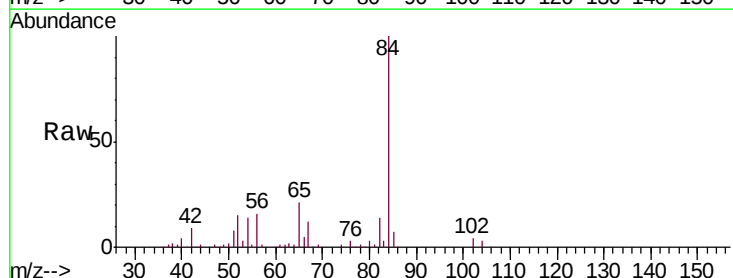
Instrument :
MSVOA_V
ClientSampled :
BF5J2

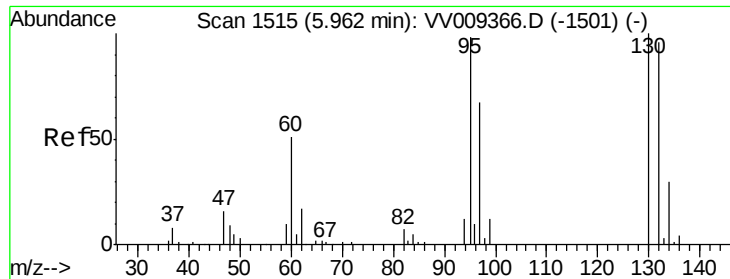
Tgt Ion: 83 Resp: 1406
Ion Ratio Lower Upper
83 100
85 8.9 45.4 84.2#



#27
1,2-Dichloroethane
Concen: 0.372 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.09 min
Lab File: VV009384.D
Acq: 26 Feb 2019 23:00

Tgt Ion: 62 Resp: 848
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#35

Trichloroethene

Concen: 1.849 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.30 min

Lab File: VV009384.D

Acq: 26 Feb 2019 23:00

Instrument :

MSVOA_V

ClientSampleId :

BF5J2

Tgt Ion: 95 Resp: 3740

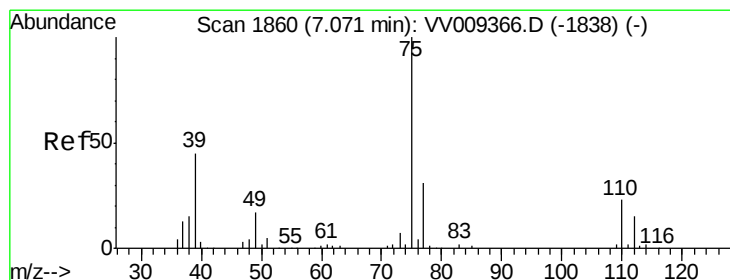
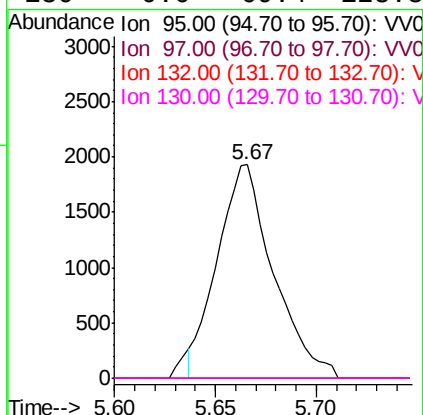
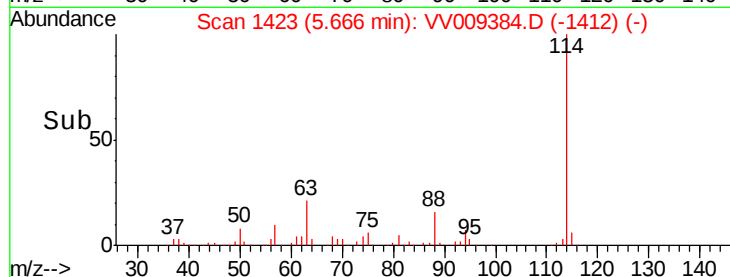
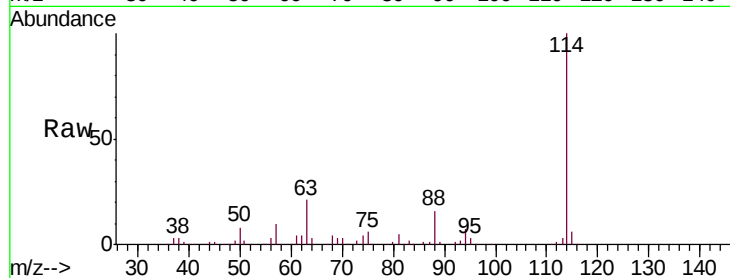
Ion Ratio Lower Upper

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: 0.563 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VV009384.D

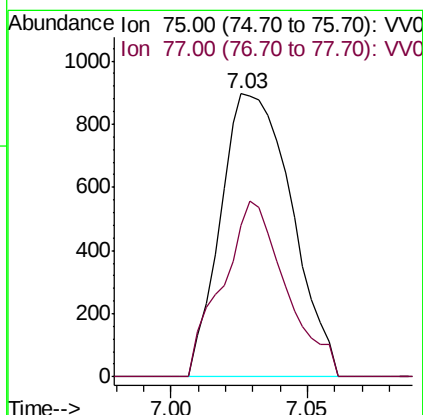
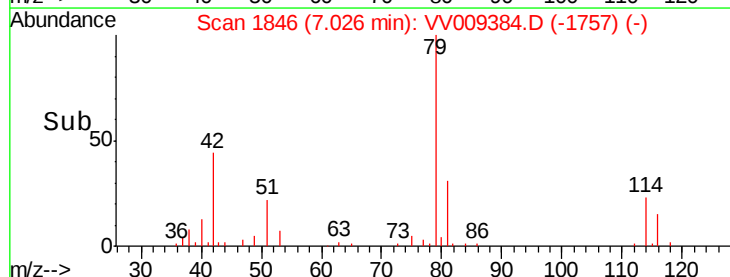
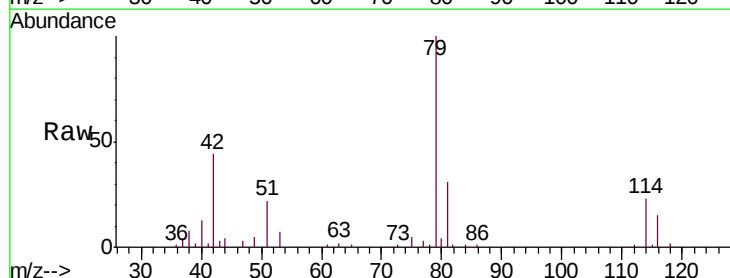
Acq: 26 Feb 2019 23:00

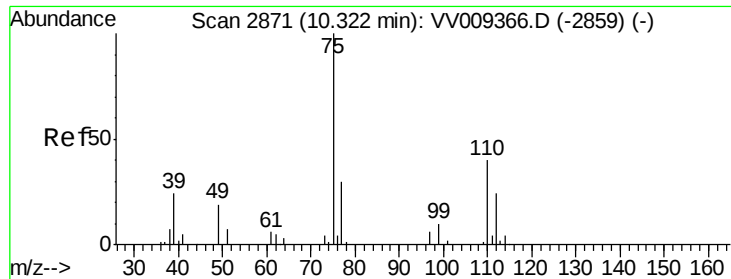
Tgt Ion: 75 Resp: 1623

Ion Ratio Lower Upper

75 100

77 53.6 21.4 39.8#





#59

1,2,3-Trichloropropane

Concen: 6.134 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009384.D

Acq: 26 Feb 2019 23:00

Instrument :

MSVOA_V

ClientSampleId :

BF5J2

Tgt Ion: 75 Resp: 8909

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9

