

Data File : VV009386.D
Acq On : 26 Feb 2019 23:53
Operator : SY/MD
Sample : K1626-02
Misc : 4.94G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF674

Quant Time: Feb 27 04:49:44 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	160051	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37581	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
7) Chloroethane-d5	1.58	69	62033	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
10) 1,1-Dichloroethene-d2	2.13	63	82439	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	3.95	46	21166	34.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.78%
24) Chloroform-d	4.40	84	91994	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	50009	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	5.10	84	187138	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	6.12	67	56366	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.20%
37) Toluene-d8	7.36	98	173117	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	7.67	79	20675	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.24%
39) 2-Hexanone-d5	8.14	63	17820	37.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44740	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	52241	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

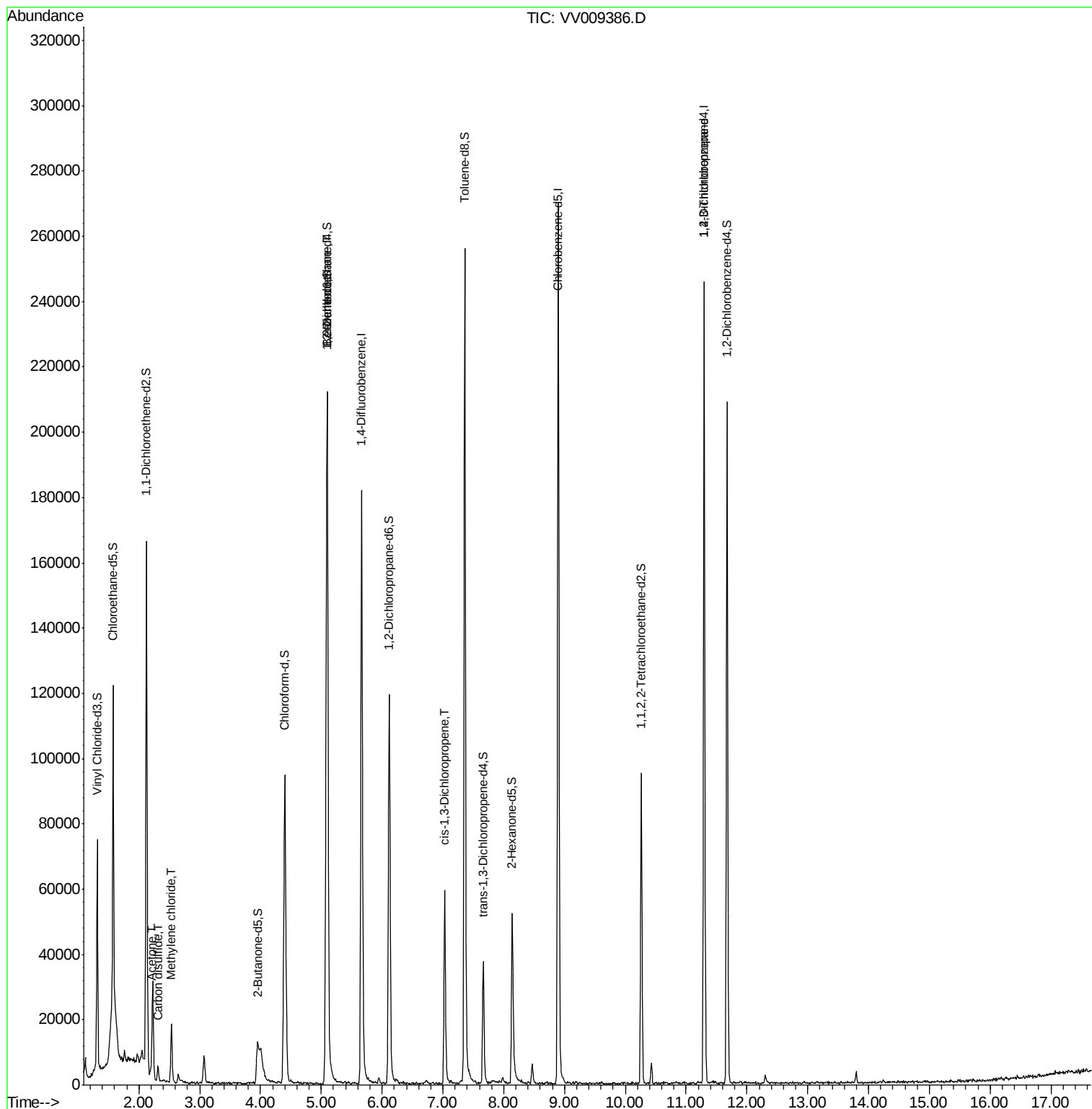
					Qvalue
13) Acetone	2.21	43	4672	6.736 ug/L	74
14) Carbon disulfide	2.31	76	5698	0.954 ug/L #	90
16) Methylene chloride	2.54	84	7824	3.609 ug/L	94
27) 1,2-Dichloroethane	5.10	62	683	0.256 ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	1730	0.550 ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	8779	5.539 ug/L	90

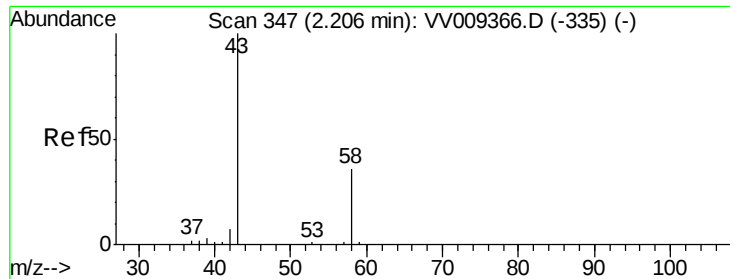
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.736 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009386.D

Acq: 26 Feb 2019 23:53

Instrument :

MSVOA_V

ClientSampleId :

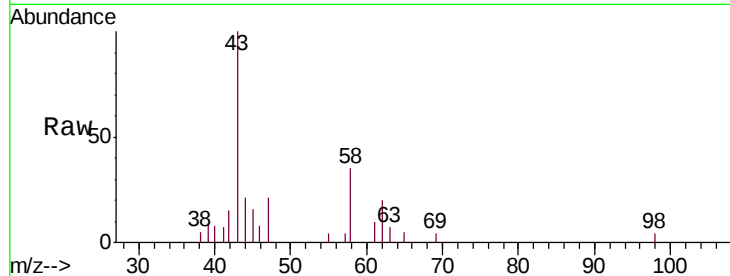
BF674

Tgt Ion: 43 Resp: 4672

Ion Ratio Lower Upper

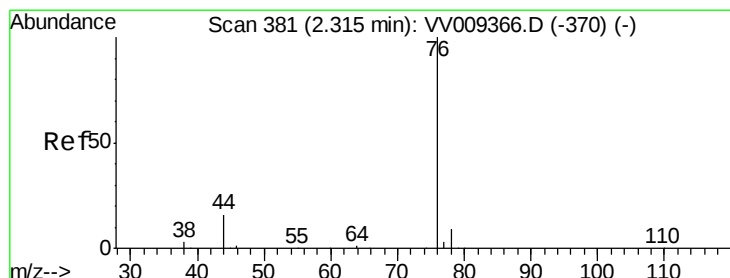
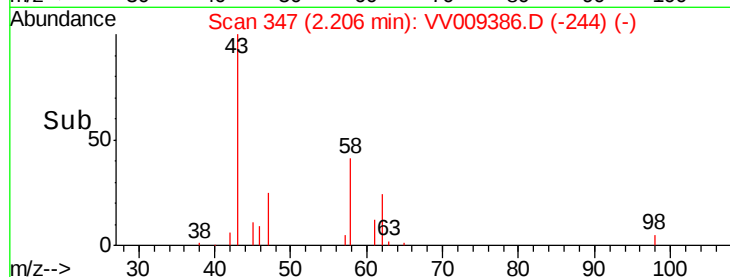
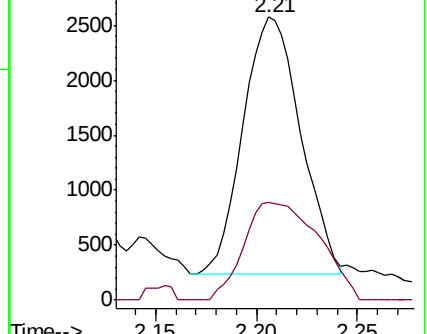
43 100

58 49.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009386.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009386.D (-335) (-)



#14

Carbon disulfide

Concen: 0.954 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009386.D

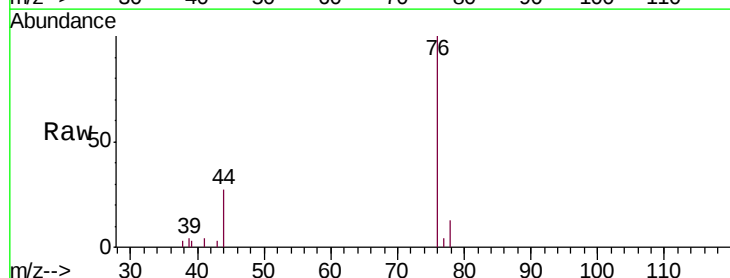
Acq: 26 Feb 2019 23:53

Tgt Ion: 76 Resp: 5698

Ion Ratio Lower Upper

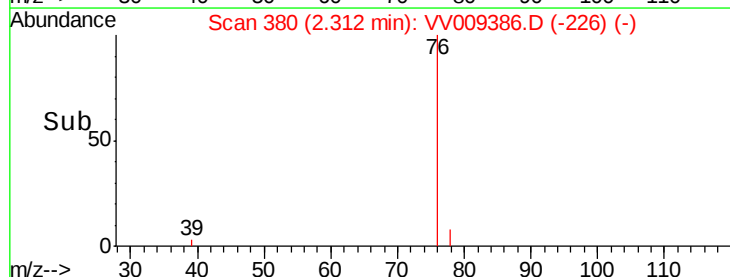
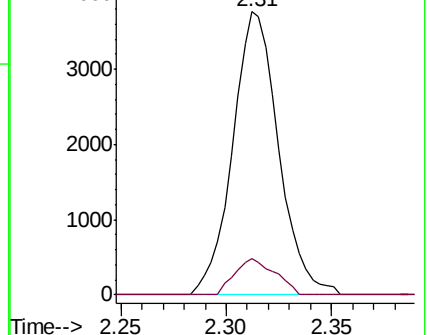
76 100

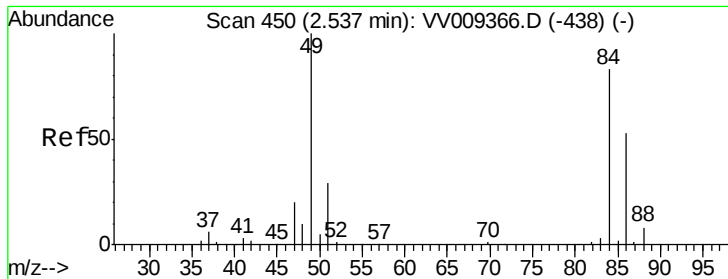
78 12.9 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009386.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV009386.D (-370) (-)

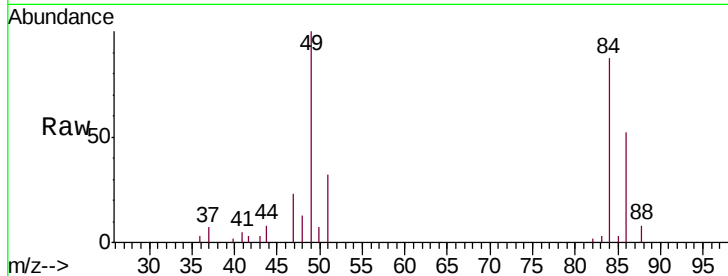




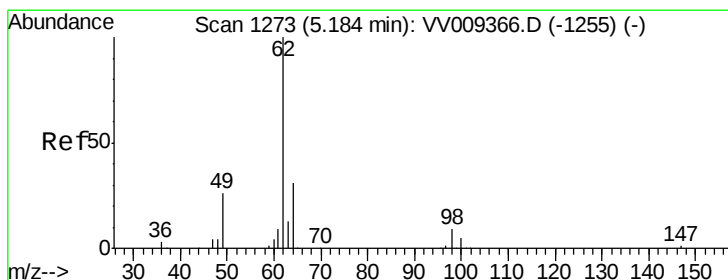
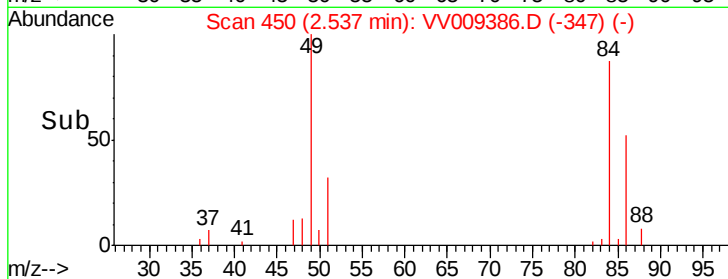
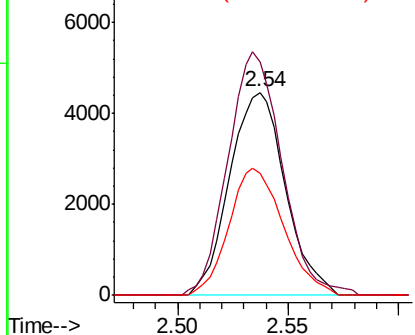
#16
Methylene chloride
Concen: 3.609 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009386.D
Acq: 26 Feb 2019 23:53

Instrument :
MSVOA_V
ClientSampleId :
BF674

Tgt Ion: 84 Resp: 7824
Ion Ratio Lower Upper
84 100
49 115.3 84.6 157.0
86 60.2 46.1 85.7

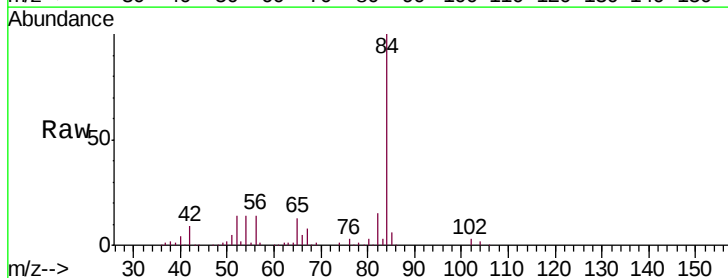


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

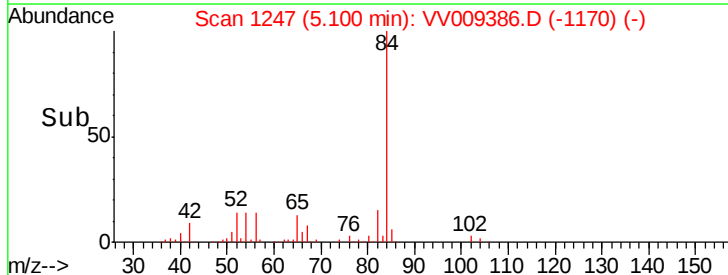
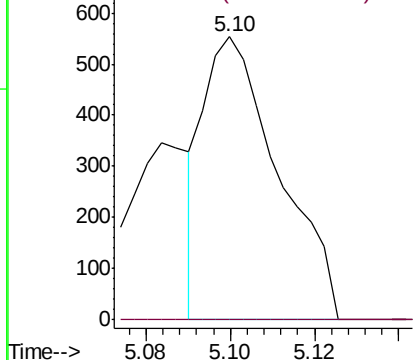


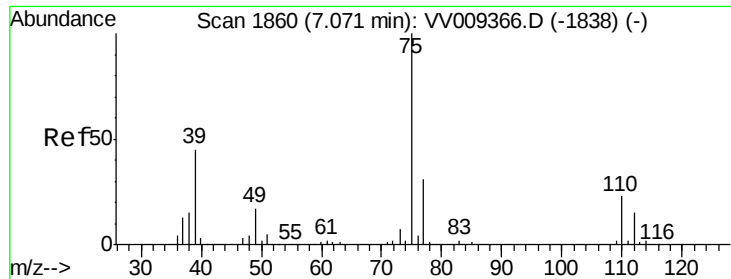
#27
1,2-Dichloroethane
Concen: 0.256 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009386.D
Acq: 26 Feb 2019 23:53

Tgt Ion: 62 Resp: 683
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

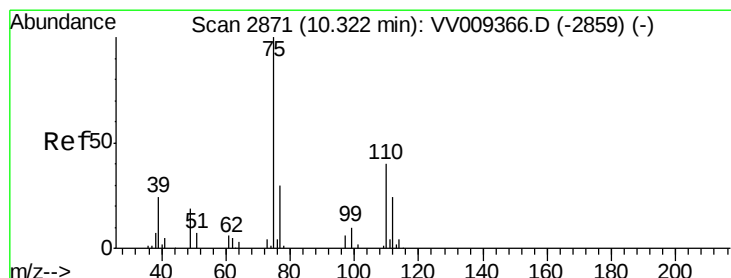
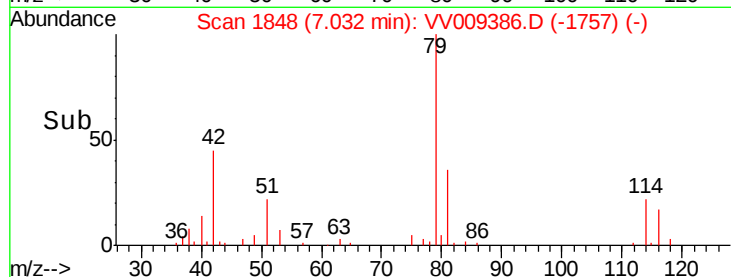
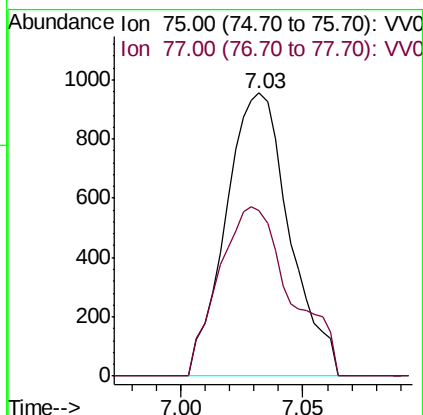
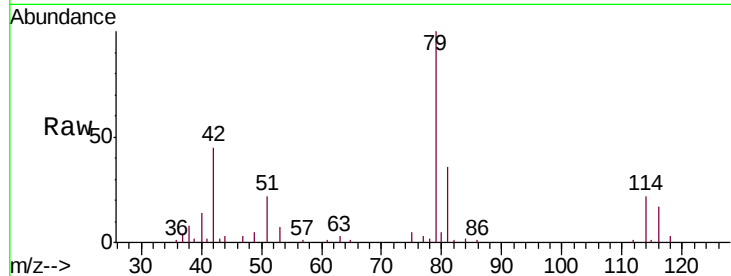




#42
 cis-1,3-Dichloropropene
 Concen: 0.550 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009386.D
 Acq: 26 Feb 2019 23:53

Instrument :
 MSVOA_V
 ClientSampled :
 BF674

Tgt Ion: 75 Resp: 1730
 Ion Ratio Lower Upper
 75 100
 77 58.6 21.4 39.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.539 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009386.D
 Acq: 26 Feb 2019 23:53

Tgt Ion: 75 Resp: 8779
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.9 38.9

