

Data File : VW009914.D
Acq On : 11 Apr 2019 14:55
Operator : SY/VA
Sample : K2303-07
Misc : 6.04G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF8A2

Quant Time: Apr 12 02:07:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	238739	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45869	14.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.72%
7) Chloroethane-d5	2.89	69	52880	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.92%
10) 1,1-Dichloroethene-d2	4.01	63	97999	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.08	46	88242	86.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.98%#
24) Chloroform-d	7.65	84	211530	32.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.88%
26) 1,2-Dichloroethane-d4	8.31	65	159436	39.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.44%#
29) Benzene-d6	8.27	84	350921	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.27	67	134757	31.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.60%#
37) Toluene-d8	10.32	98	284448	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	50882	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.64%
39) 2-Hexanone-d5	10.93	63	52535	64.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130858	32.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	117895	32.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.12%#

Target Compounds

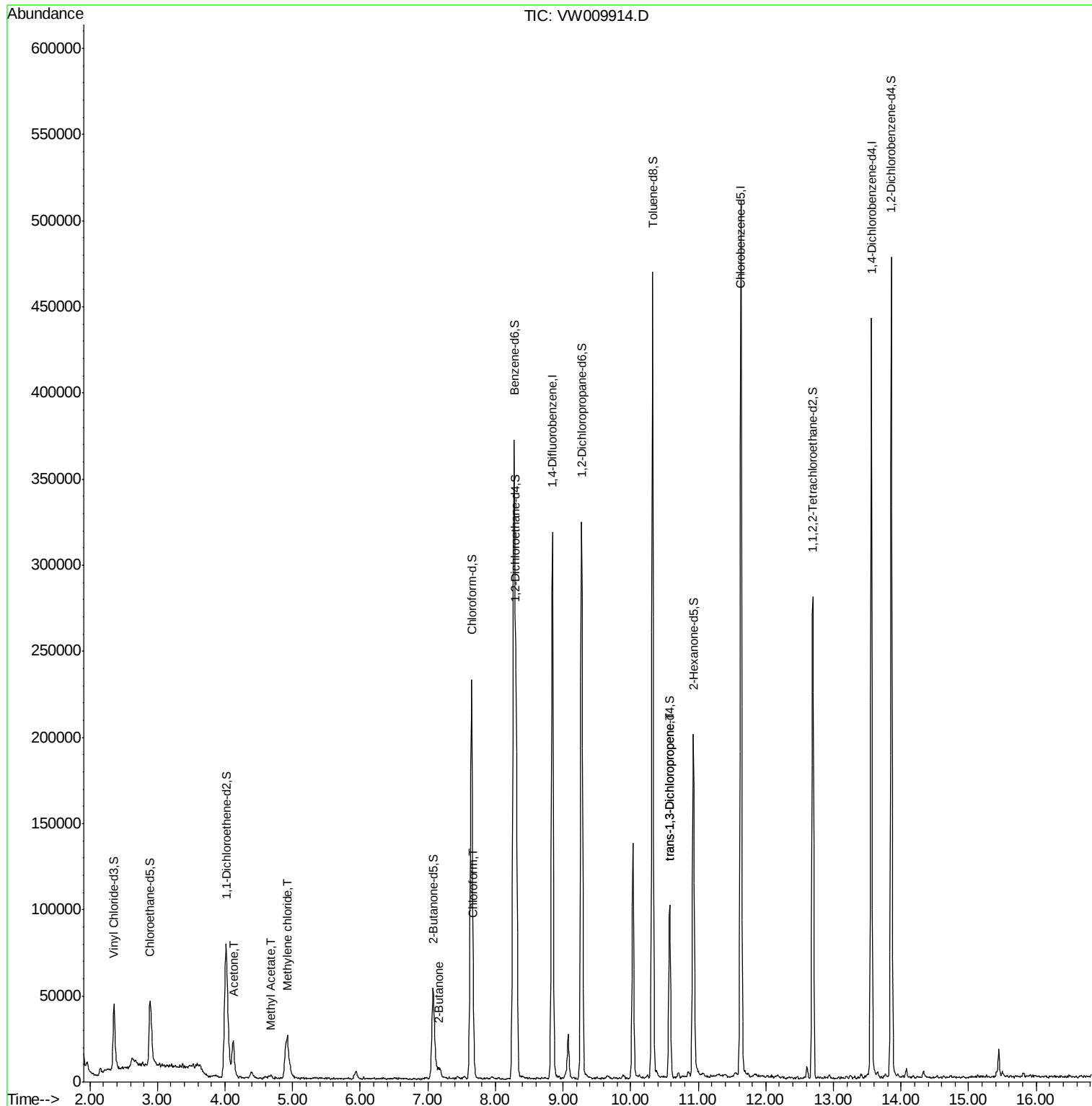
					Qvalue
13) Acetone	4.12	43	34171	31.441 ug/L	97
15) Methyl Acetate	4.67	43	4121	2.080 ug/L #	74
16) Methylene chloride	4.92	84	18969	4.505 ug/L	89
21) 2-Butanone	7.17	43	5003	3.620 ug/L	84
25) Chloroform	7.68	83	8060	1.216 ug/L	85
45) trans-1,3-Dichloropropene	10.57	75	2907	0.530 ug/L	85

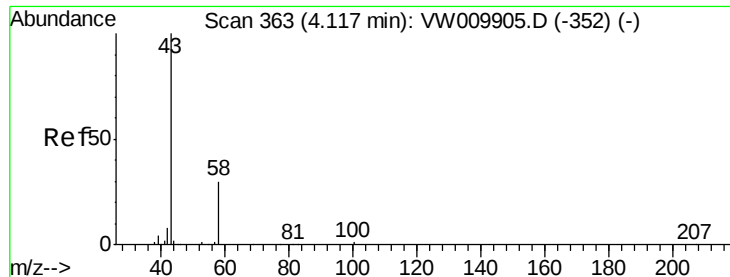
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.441 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 14:55

Instrument :

MSVOA_W

ClientSampleId :

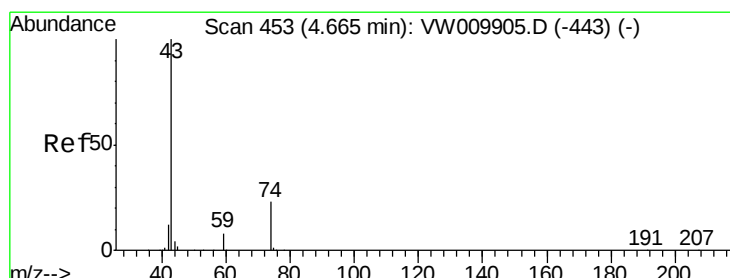
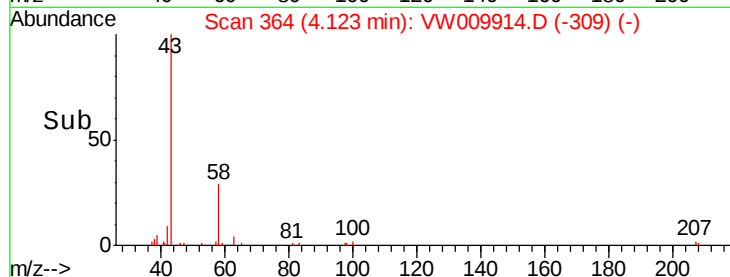
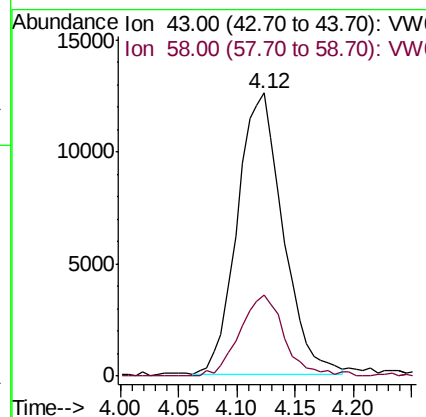
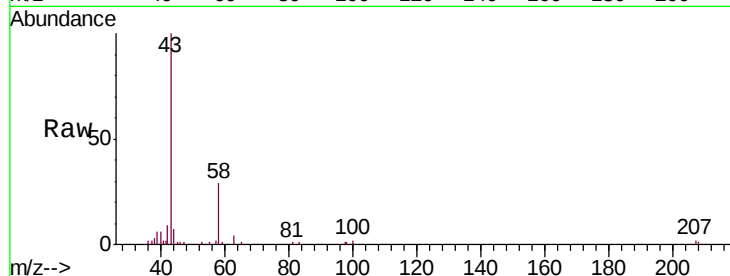
BF8A2

Tgt Ion: 43 Resp: 34171

Ion Ratio Lower Upper

43 100

58 27.8 0.0 53.0



#15

Methyl Acetate

Concen: 2.080 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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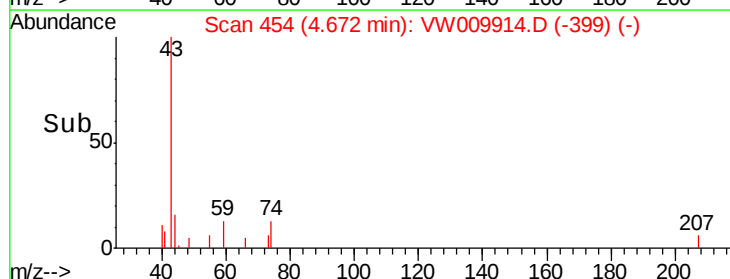
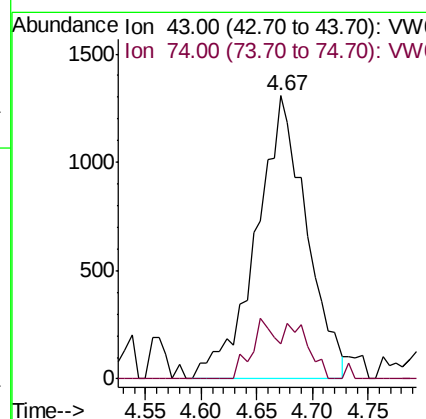
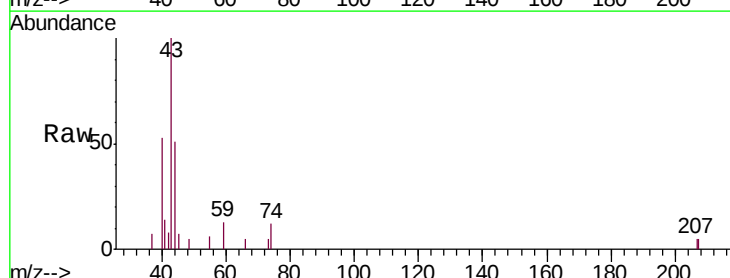
Acq: 11 Apr 2019 14:55

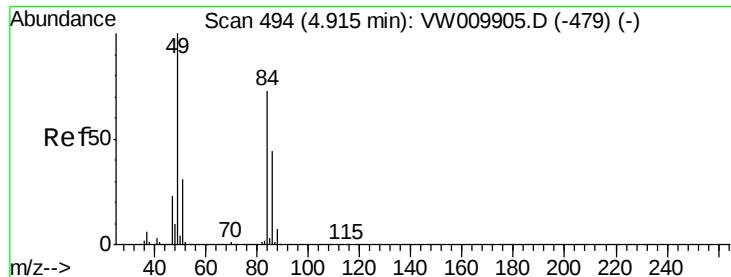
Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

74 9.2 17.2 25.8#

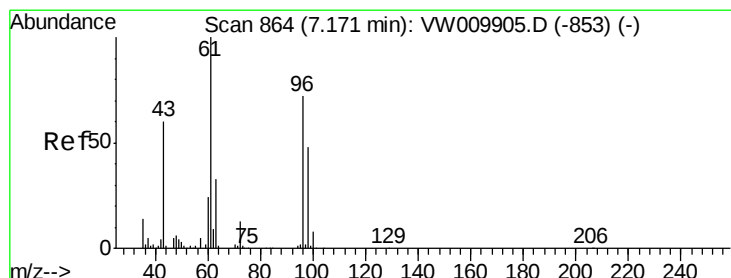
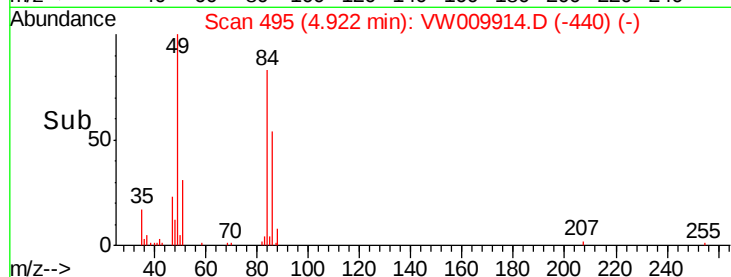
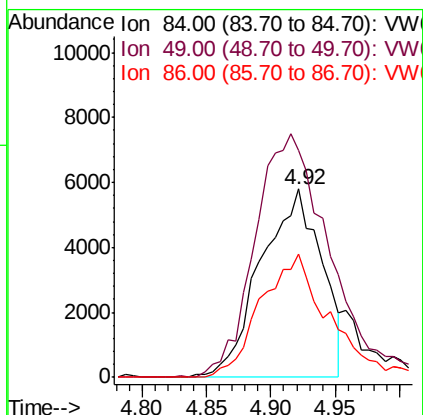
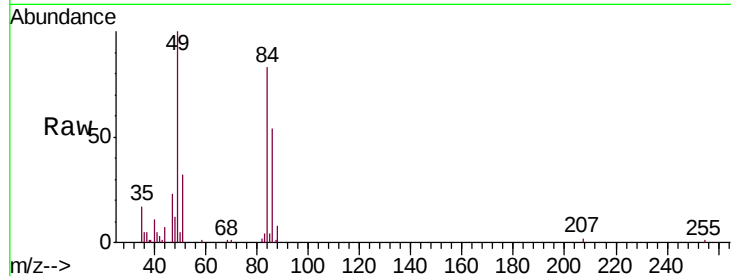




#16
Methylene chloride
Concen: 4.505 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009914.D
Acq: 11 Apr 2019 14:55

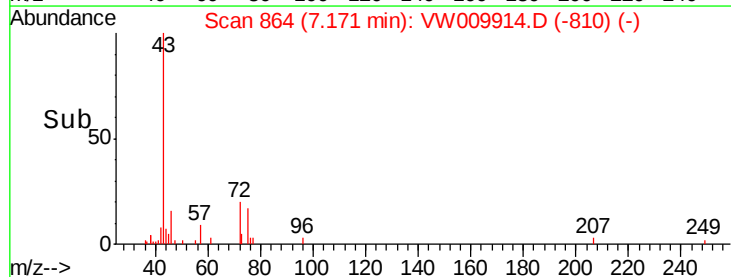
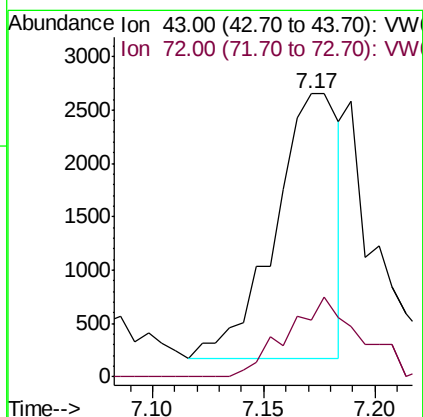
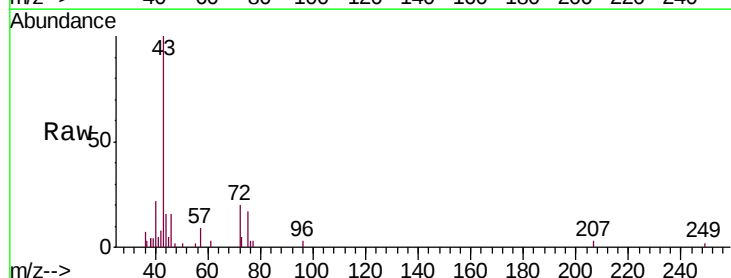
Instrument :
MSVOA_W
ClientSampleId :
BF8A2

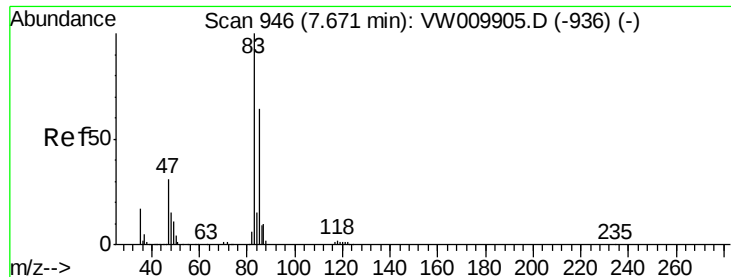
Tgt Ion: 84 Resp: 18969
Ion Ratio Lower Upper
84 100
49 120.8 98.3 182.5
86 65.6 46.4 86.2



#21
2-Butanone
Concen: 3.620 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009914.D
Acq: 11 Apr 2019 14:55

Tgt Ion: 43 Resp: 5003
Ion Ratio Lower Upper
43 100
72 31.9 12.0 36.1





#25

Chloroform

Concen: 1.216 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW009914.D

Acq: 11 Apr 2019 14:55

Instrument :

MSVOA_W

ClientSampled :

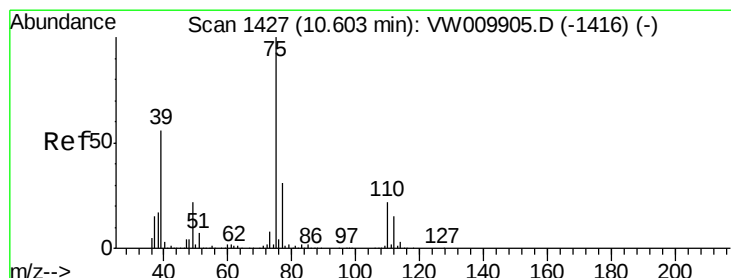
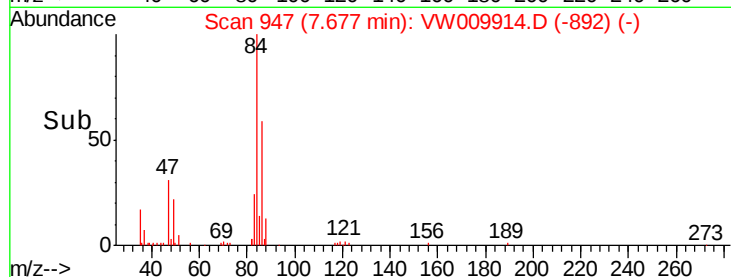
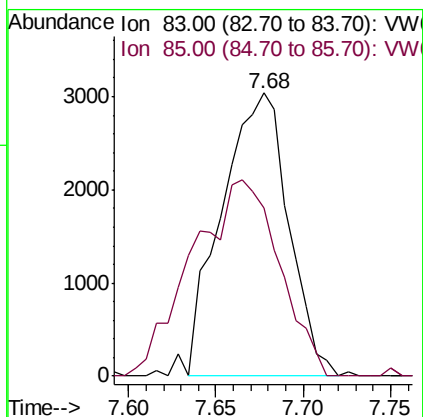
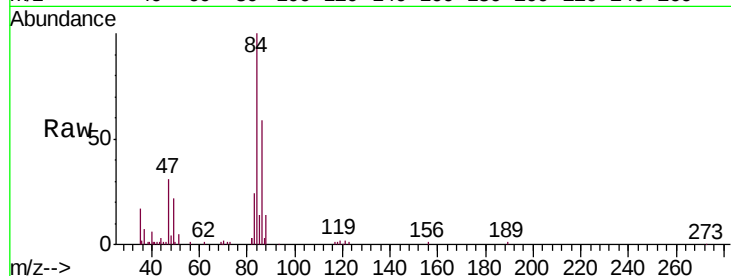
BF8A2

Tgt Ion: 83 Resp: 8060

Ion Ratio Lower Upper

83 100

85 53.3 45.6 84.8



#45

trans-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009914.D

Acq: 11 Apr 2019 14:55

Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

75 100

77 38.5 21.1 39.3

