

Data File : VW009374.D
Acq On : 23 Mar 2019 05:17
Operator : SY/VA
Sample : K2031-18
Misc : 3.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S8

Quant Time: Mar 23 06:21:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	244148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189265	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64150	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
7) Chloroethane-d5	2.89	69	69098	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.01	63	98711	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.07	46	70819	58.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.38%
24) Chloroform-d	7.64	84	162033	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.30	65	104133	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.27	84	275329	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	90959	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.04%
37) Toluene-d8	10.32	98	201568	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.56%
38) trans-1,3-Dichloropropene-	10.58	79	18418	11.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.80%
39) 2-Hexanone-d5	10.93	63	41365	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71127	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	41253	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

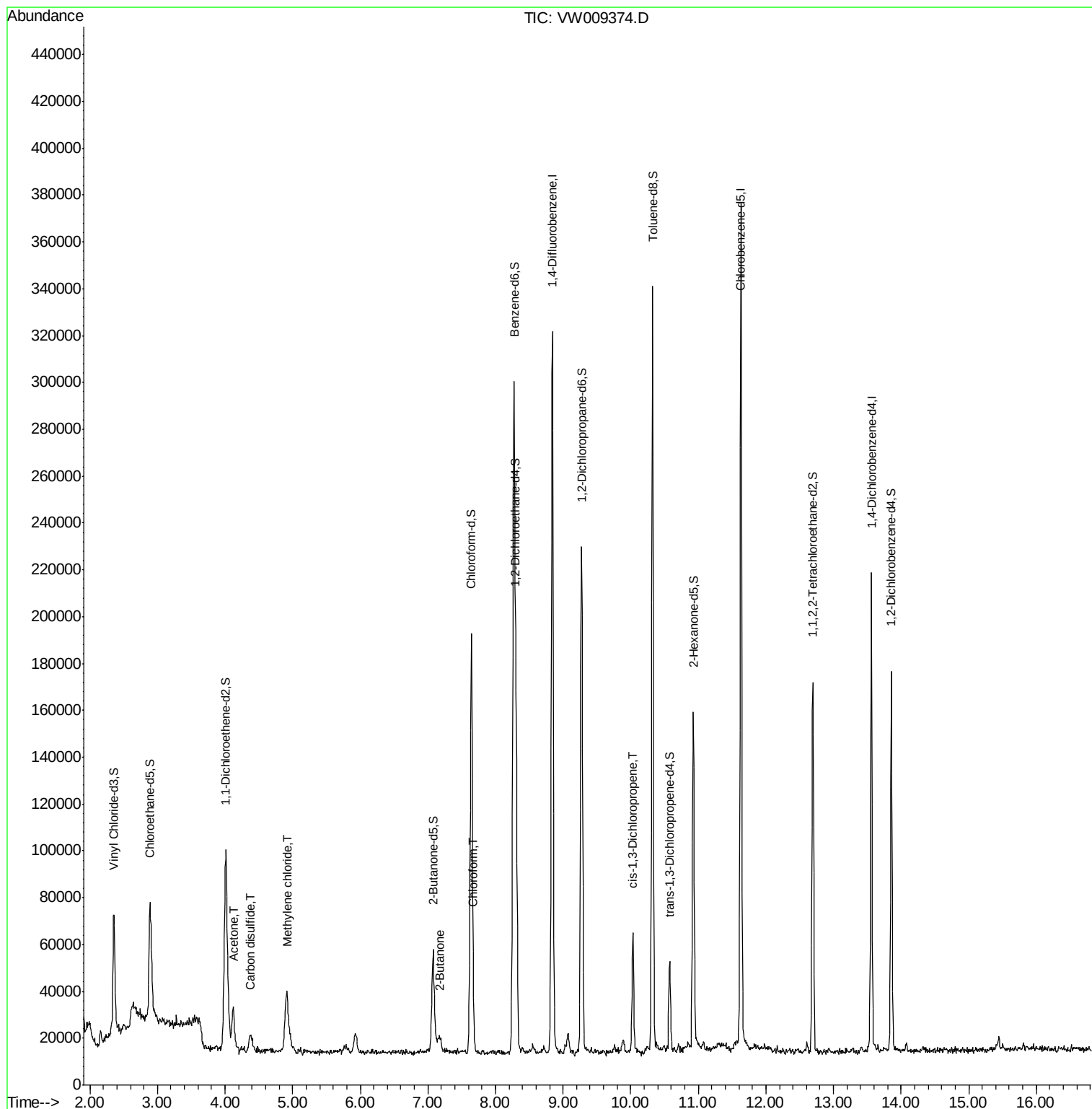
					Qvalue
13) Acetone	4.12	43	30813	31.141 ug/L	98
14) Carbon disulfide	4.37	76	12927	1.598 ug/L	98
16) Methylene chloride	4.91	84	13856	3.892 ug/L	83
21) 2-Butanone	7.18	43	9796	7.170 ug/L	80
25) Chloroform	7.68	83	2841	0.471 ug/L #	42
42) cis-1,3-Dichloropropene	10.03	75	1555	0.359 ug/L #	59

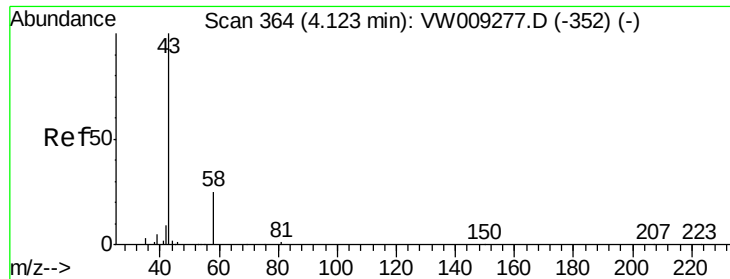
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.141 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 05:17

Instrument :

MSVOA_W

ClientSampled :

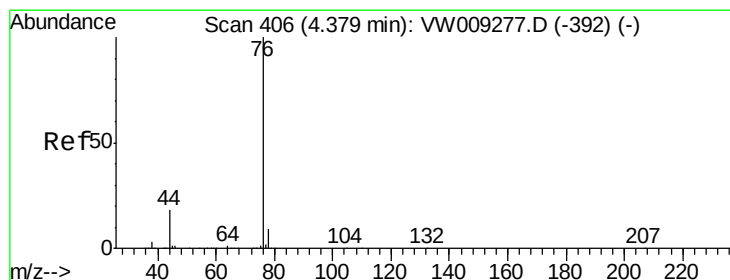
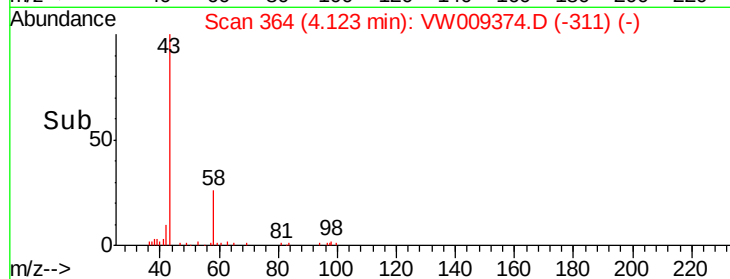
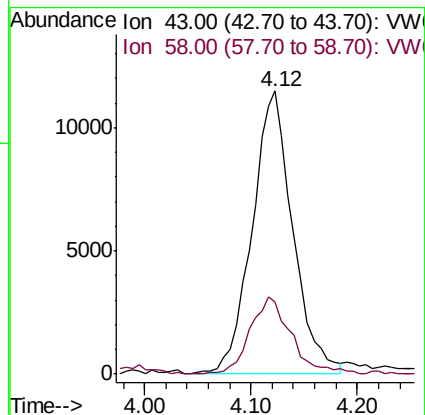
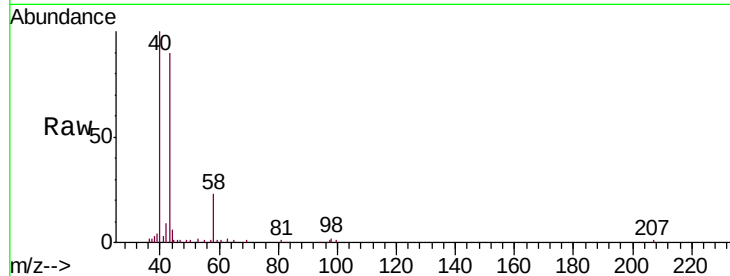
BF5S8

Tgt Ion: 43 Resp: 30813

Ion Ratio Lower Upper

43 100

58 27.2 0.0 56.2



#14

Carbon disulfide

Concen: 1.598 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009374.D

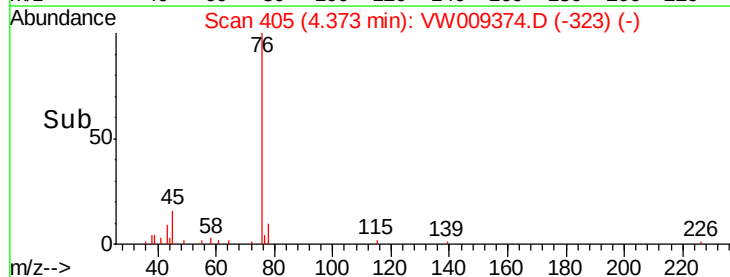
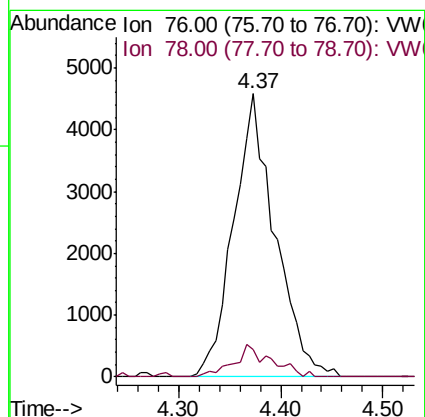
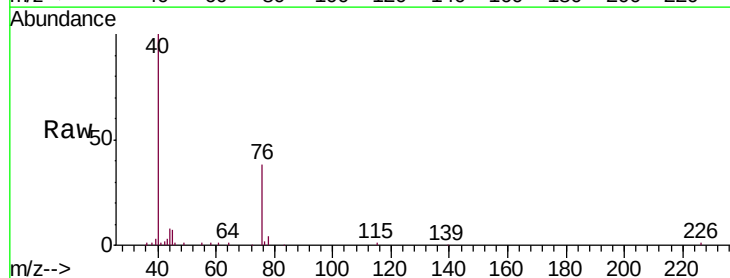
Acq: 23 Mar 2019 05:17

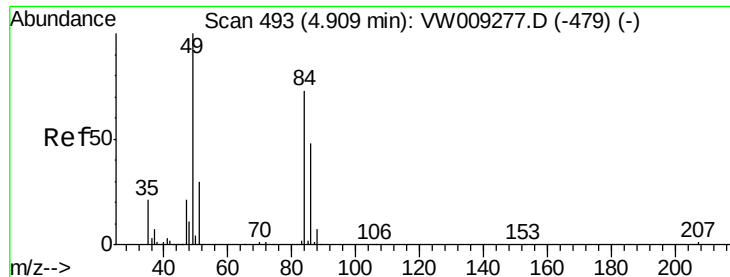
Tgt Ion: 76 Resp: 12927

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

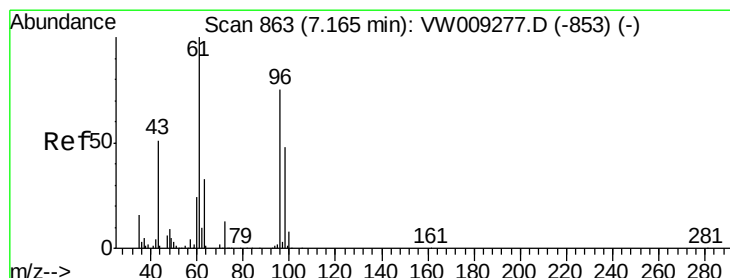
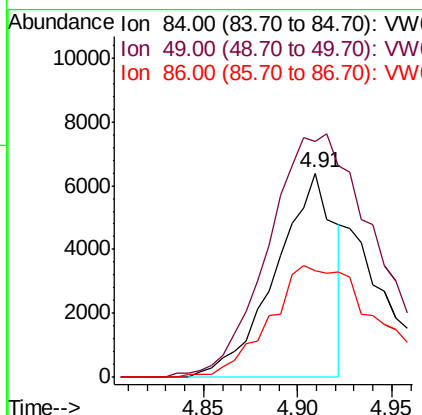
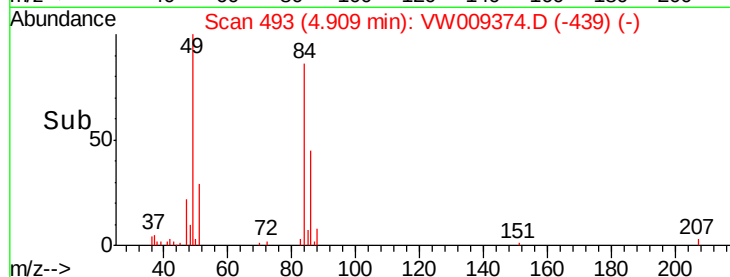
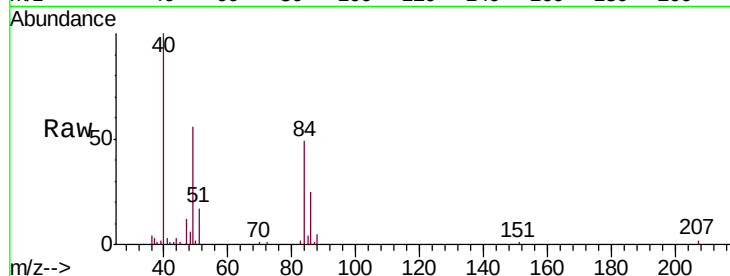




#16
Methylene chloride
Concen: 3.892 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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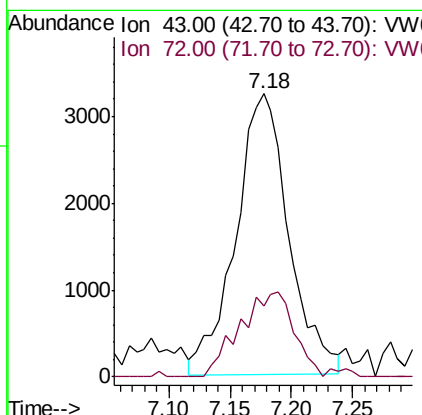
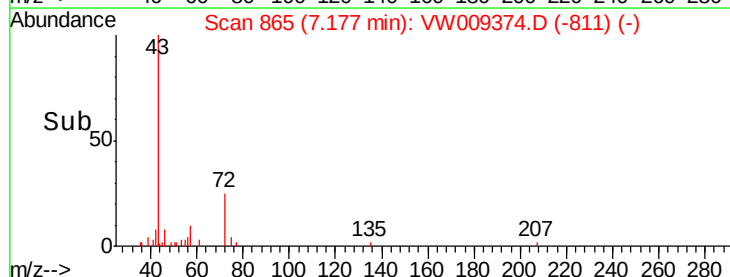
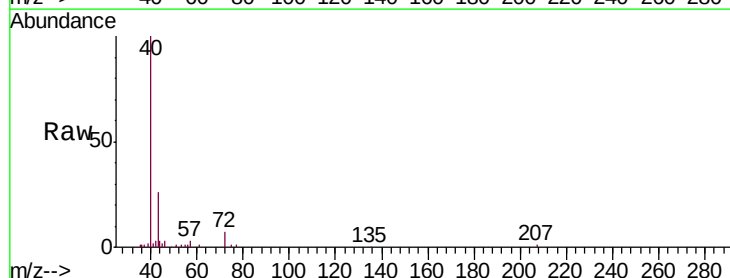
Instrument :
MSVOA_W
ClientSampled :
BF5S8

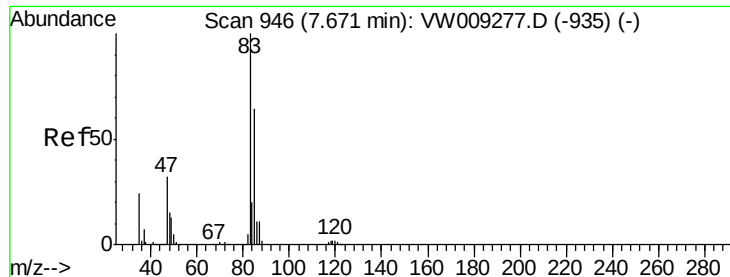
Tgt Ion: 84 Resp: 13856
Ion Ratio Lower Upper
84 100
49 115.7 96.0 178.2
86 52.2 44.4 82.5



#21
2-Butanone
Concen: 7.170 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW009374.D
Acq: 23 Mar 2019 05:17

Tgt Ion: 43 Resp: 9796
Ion Ratio Lower Upper
43 100
72 15.7 13.1 39.1





#25

Chloroform

Concen: 0.471 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW009374.D

Acq: 23 Mar 2019 05:17

Instrument :

MSVOA_W

ClientSampled :

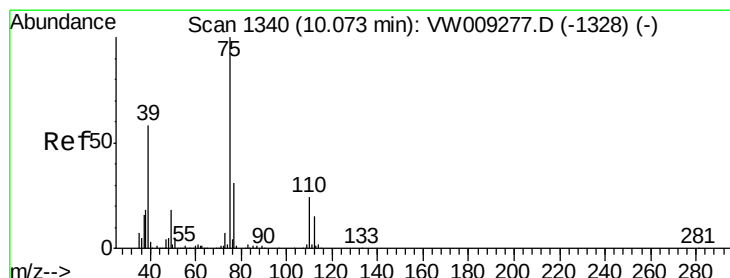
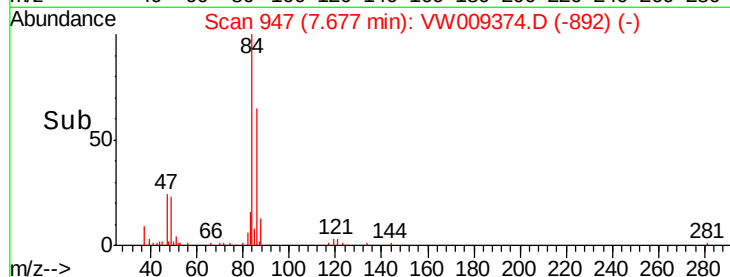
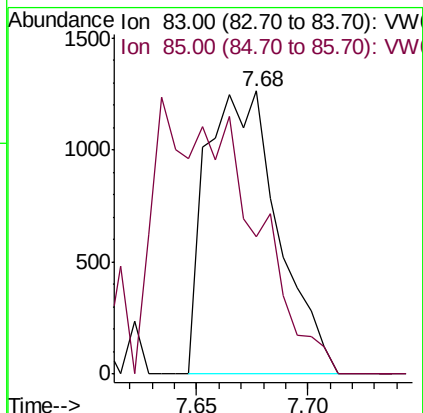
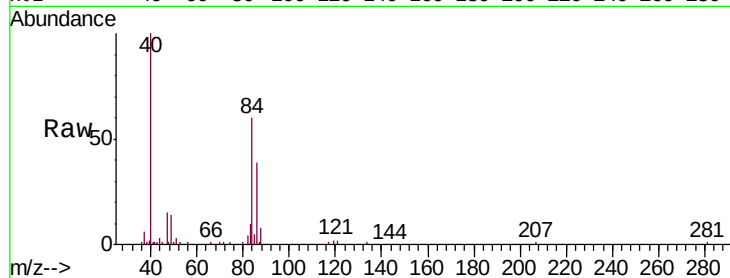
BF5S8

Tgt Ion: 83 Resp: 2841

Ion Ratio Lower Upper

83 100

85 19.7 46.0 85.4#



#42

cis-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009374.D

Acq: 23 Mar 2019 05:17

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 53.5 21.6 40.2#

