

Data File : VW009377.D
Acq On : 23 Mar 2019 06:39
Operator : SY/VA
Sample : K2031-21
Misc : 4.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5X8

Quant Time: Mar 23 10:11:06 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	280945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68042	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	2.89	69	68187	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
10) 1,1-Dichloroethene-d2	4.01	63	99211	13.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.68%
20) 2-Butanone-d5	7.25	46	220	0.16	ug/L	0.17
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.32%#
24) Chloroform-d	7.64	84	157134	20.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.96%
26) 1,2-Dichloroethane-d4	8.30	65	101474	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	8.27	84	279265	21.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.48%
33) 1,2-Dichloropropane-d6	9.27	67	93067	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	214769	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.76%
38) trans-1,3-Dichloropropene-	10.58	79	28057	14.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.24%
39) 2-Hexanone-d5	10.93	63	42533	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80810	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	55912	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds

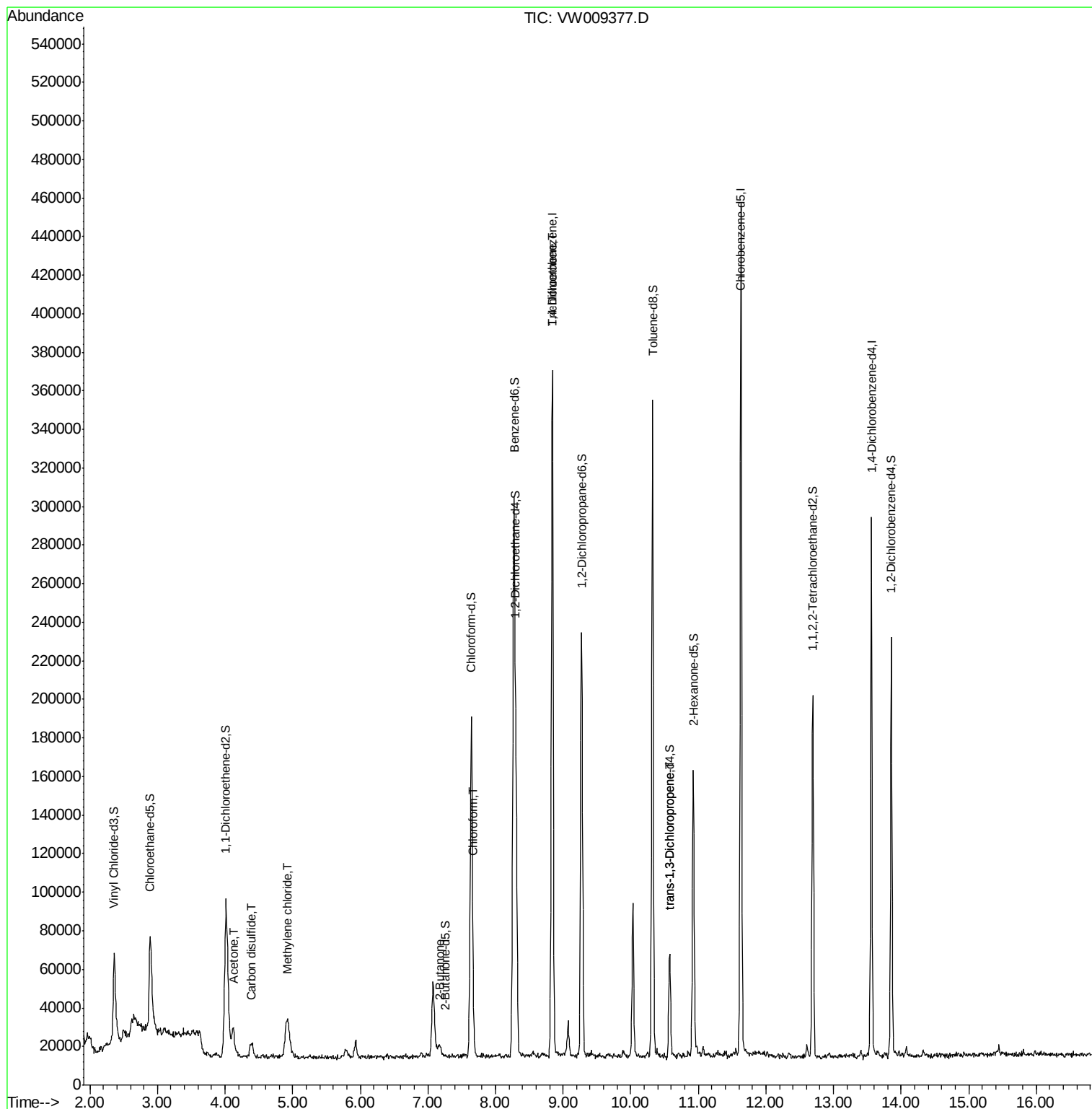
					Qvalue
13) Acetone	4.12	43	25580	22.466 ug/L	95
14) Carbon disulfide	4.38	76	9645	1.036 ug/L	100
16) Methylene chloride	4.92	84	18843	4.599 ug/L	94
21) 2-Butanone	7.17	43	7180	4.567 ug/L #	71
25) Chloroform	7.67	83	4949	0.713 ug/L	98
35) Trichloroethene	8.84	95	8822	2.612 ug/L #	4
45) trans-1,3-Dichloropropene	10.58	75	1571	0.341 ug/L #	38

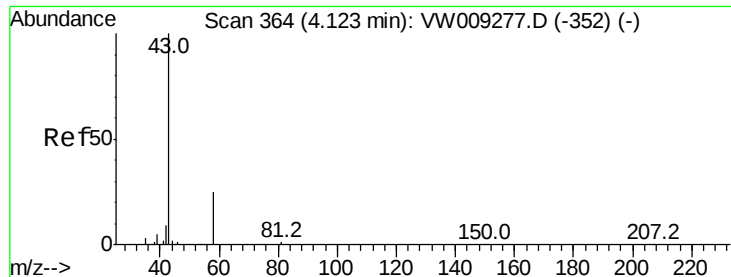
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.466 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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ClientSampleId :

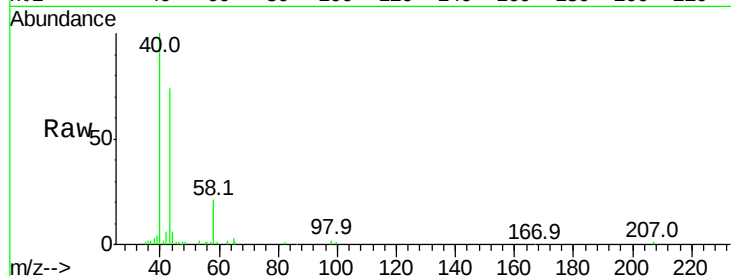
BF5X8

Tgt Ion: 43 Resp: 25580

Ion Ratio Lower Upper

43 100

58 25.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

4000

2000

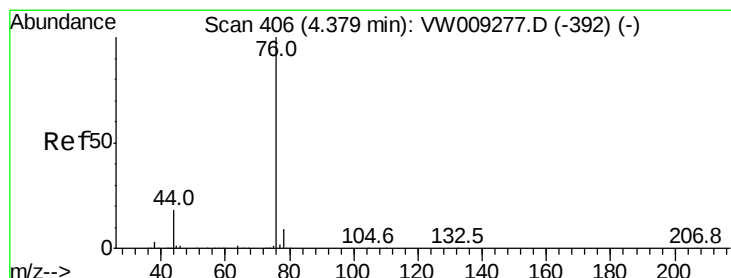
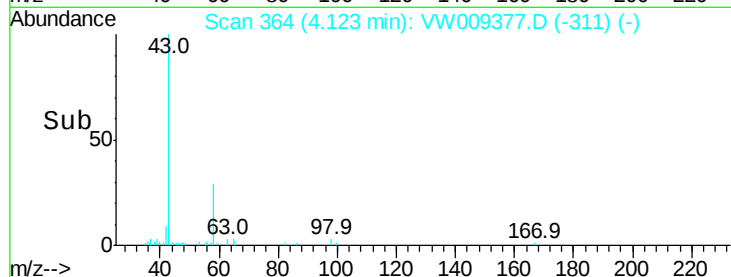
0

Time-->

4.00

4.10

4.20



#14

Carbon disulfide

Concen: 1.036 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

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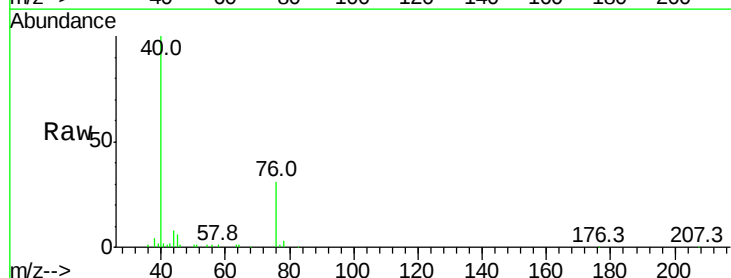
Acq: 23 Mar 2019 06:39

Tgt Ion: 76 Resp: 9645

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

4000

3000

2000

1000

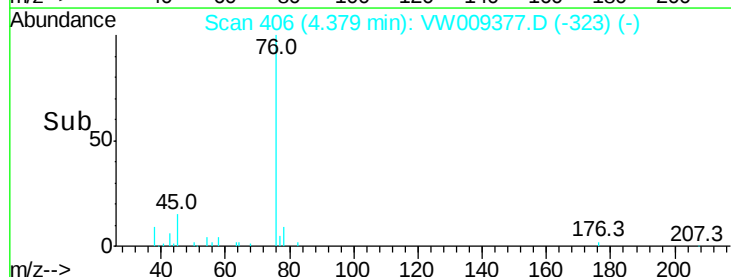
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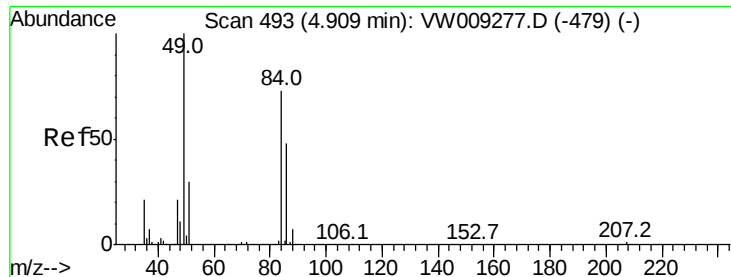
Time-->

4.30

4.35

4.40

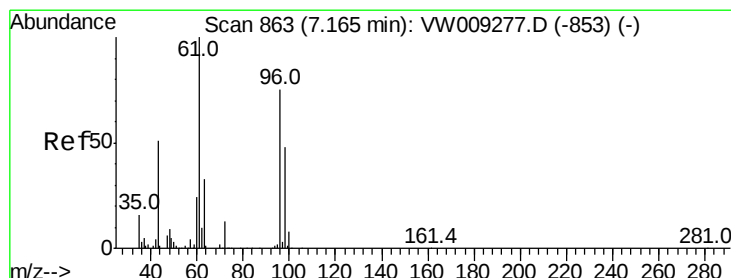
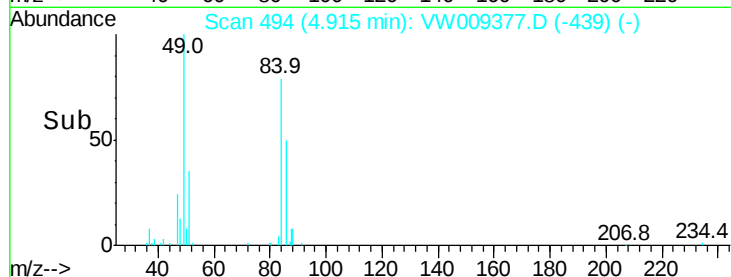
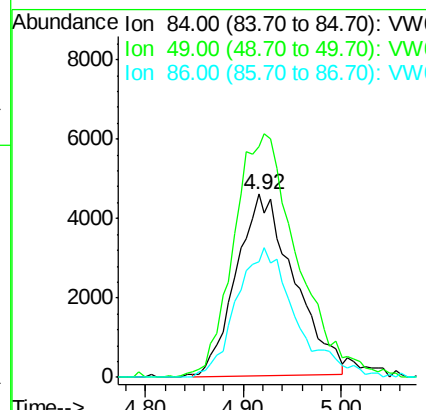
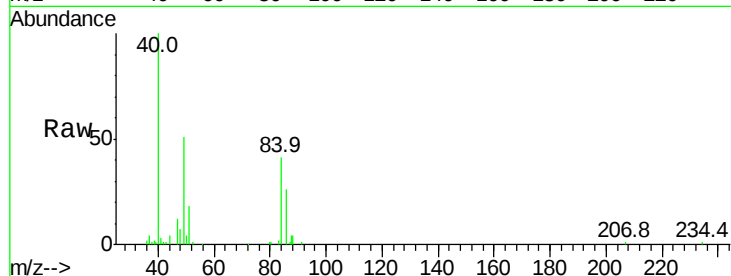




#16
Methylene chloride
Concen: 4.599 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009377.D
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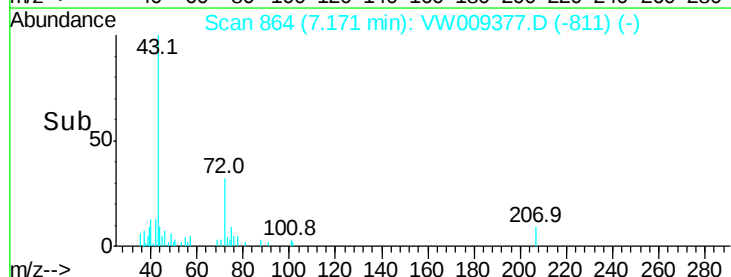
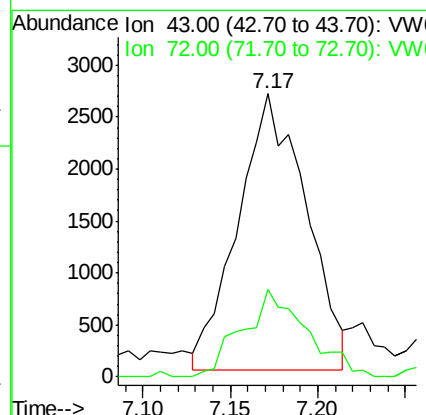
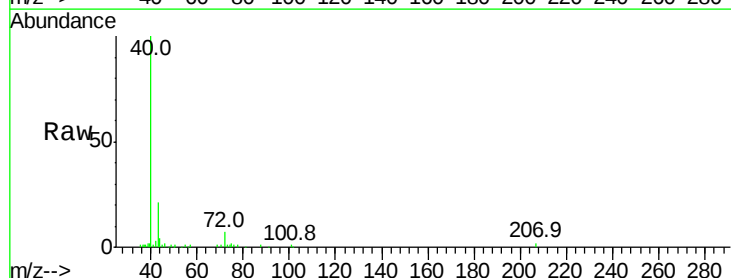
Instrument :
MSVOA_W
ClientSampleId :
BF5X8

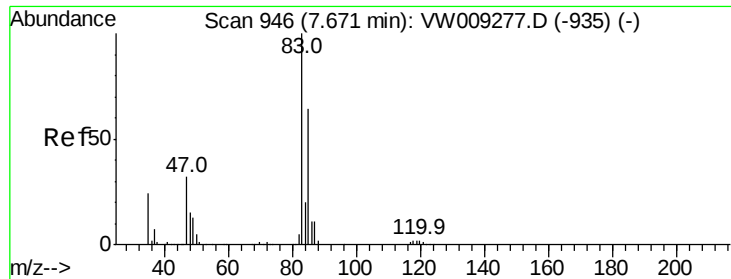
Tgt Ion: 84 Resp: 18843
Ion Ratio Lower Upper
84 100
49 125.8 96.0 178.2
86 63.3 44.4 82.5



#21
2-Butanone
Concen: 4.567 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009377.D
Acq: 23 Mar 2019 06:39

Tgt Ion: 43 Resp: 7180
Ion Ratio Lower Upper
43 100
72 11.4 13.1 39.1#





#25

Chloroform

Concen: 0.713 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW009377.D

Acq: 23 Mar 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

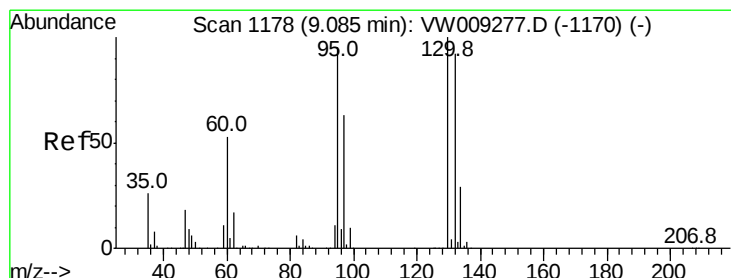
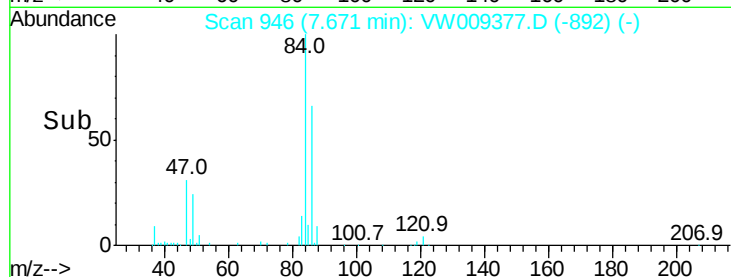
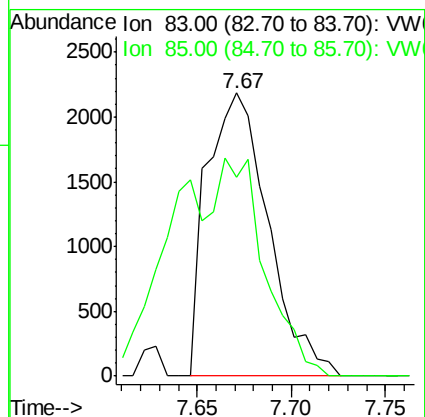
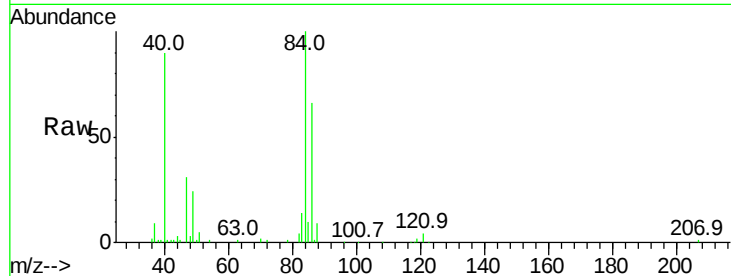
BF5X8

Tgt Ion: 83 Resp: 4949

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#35

Trichloroethene

Concen: 2.612 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009377.D

Acq: 23 Mar 2019 06:39

Tgt Ion: 95 Resp: 8822

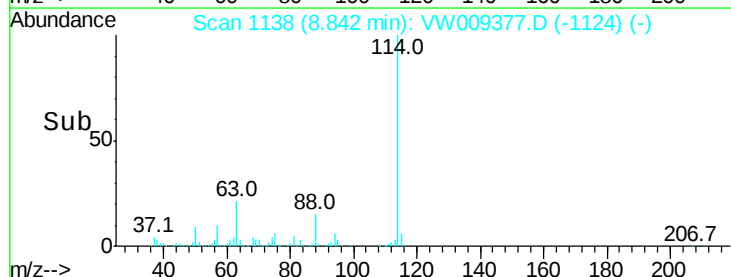
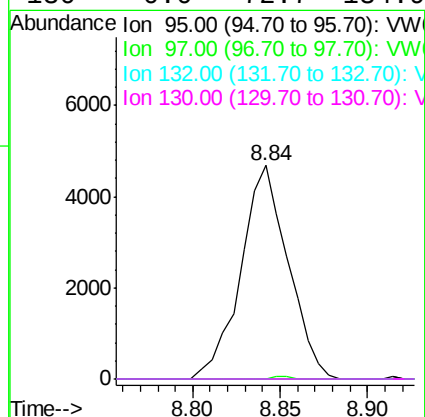
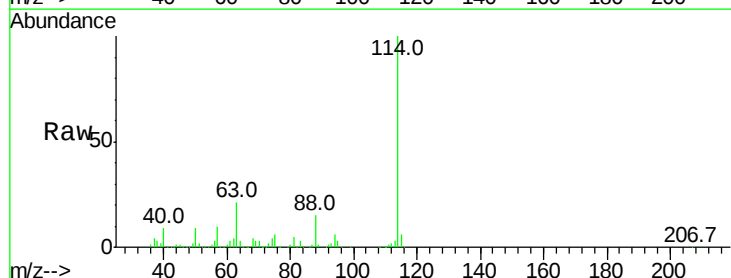
Ion Ratio Lower Upper

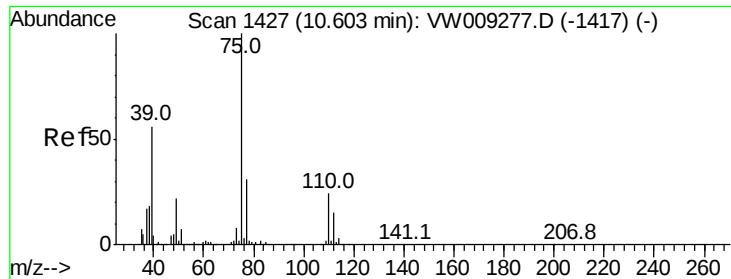
95 100

97 0.5 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#





#45

trans-1,3-Dichloropropene

Concen: 0.341 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009377.D

Acq: 23 Mar 2019 06:39

Instrument :

MSVOA_W

ClientSampleId :

BF5X8

Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

77 66.4 22.5 41.7#

