

Data File : VW009378.D
Acq On : 23 Mar 2019 07:06
Operator : SY/VA
Sample : K2031-12
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S0

Quant Time: Mar 23 10:12:19 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	233506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224971	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58285	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
7) Chloroethane-d5	2.89	69	62530	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
10) 1,1-Dichloroethene-d2	4.01	63	93517	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	7.08	46	65934	57.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.28%
24) Chloroform-d	7.65	84	161316	25.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	8.31	65	109319	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.27	84	289098	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	97422	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.56%
37) Toluene-d8	10.32	98	231795	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	31643	16.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.64%
39) 2-Hexanone-d5	10.93	63	45680	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90602	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	72795	26.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.68%

Target Compounds

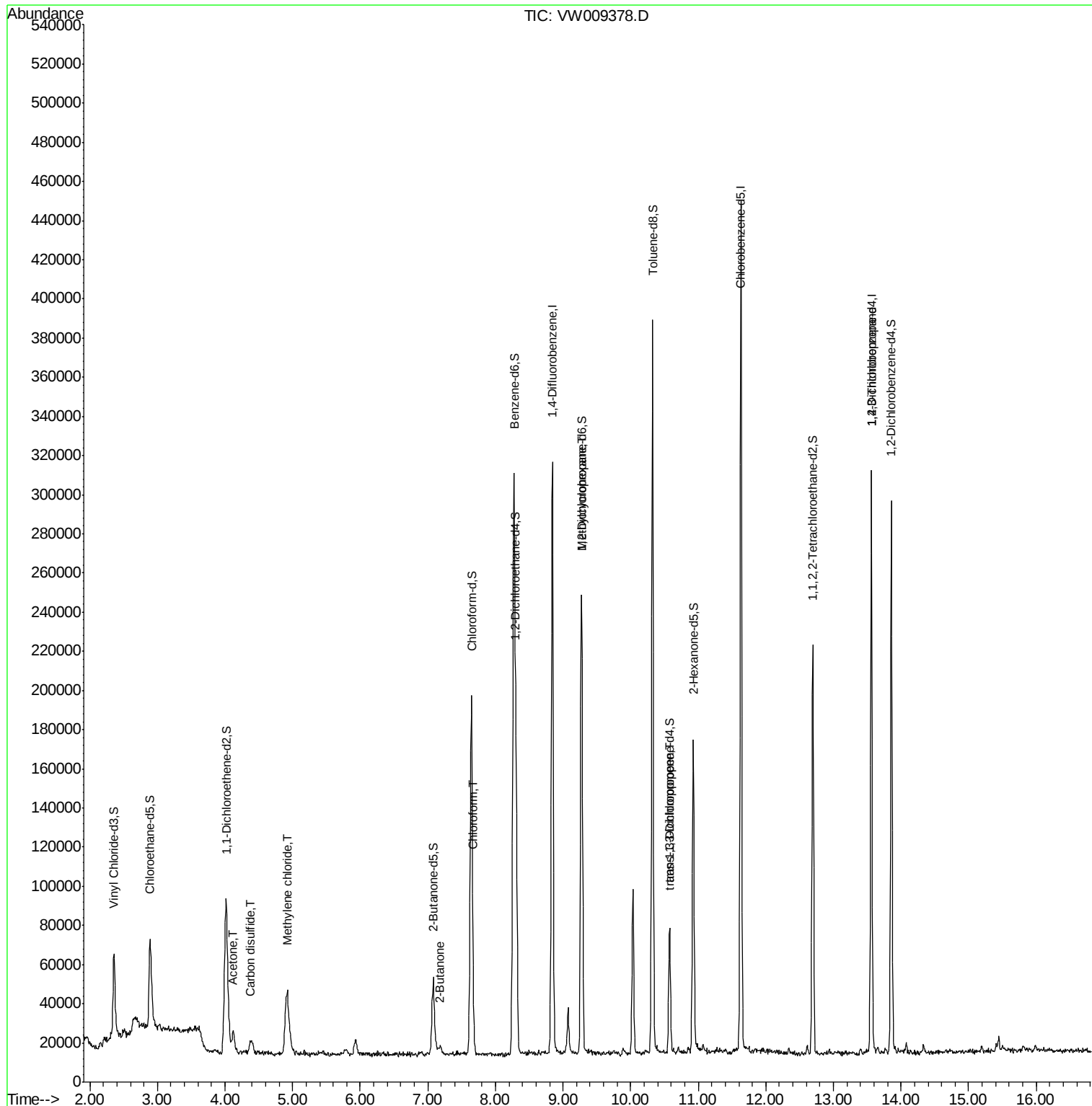
					Qvalue
13) Acetone	4.12	43	17202	18.177 ug/L	96
14) Carbon disulfide	4.37	76	11157	1.442 ug/L #	88
16) Methylene chloride	4.92	84	30355	8.914 ug/L	99
21) 2-Butanone	7.17	43	3811	2.917 ug/L	97
25) Chloroform	7.67	83	6053	1.049 ug/L #	41
36) Methylcyclohexane	9.27	83	24541	4.323 ug/L #	18
45) trans-1,3-Dichloropropene	10.57	75	1846	0.412 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	9700	3.843 ug/L	91

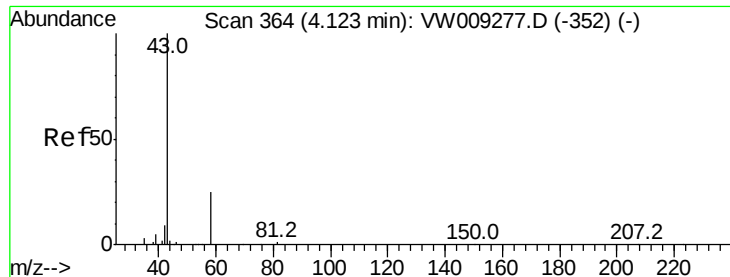
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.177 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

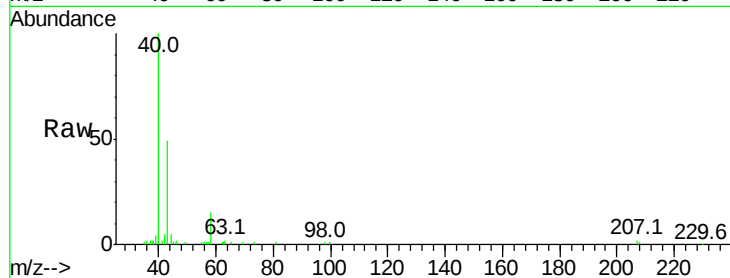
BF5S0

Tgt Ion: 43 Resp: 17202

Ion Ratio Lower Upper

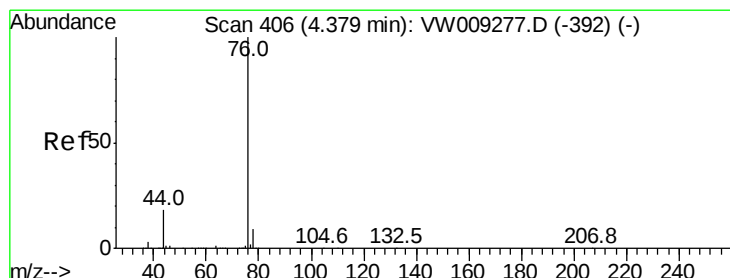
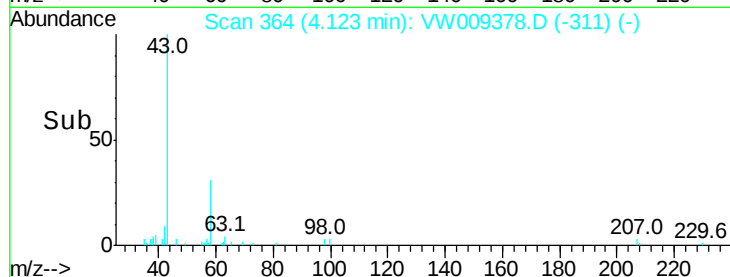
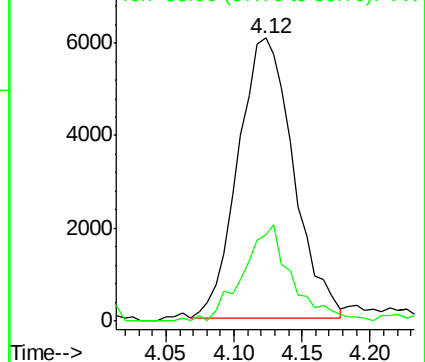
43 100

58 30.0 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.442 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009378.D

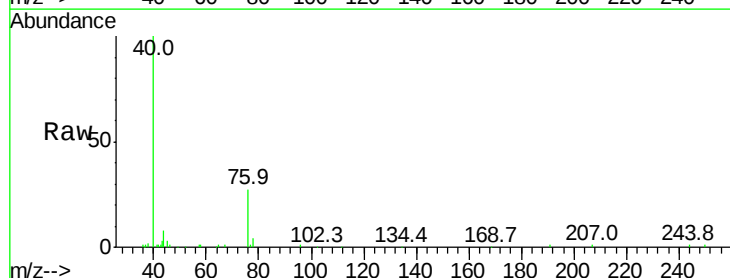
Acq: 23 Mar 2019 07:06

Tgt Ion: 76 Resp: 11157

Ion Ratio Lower Upper

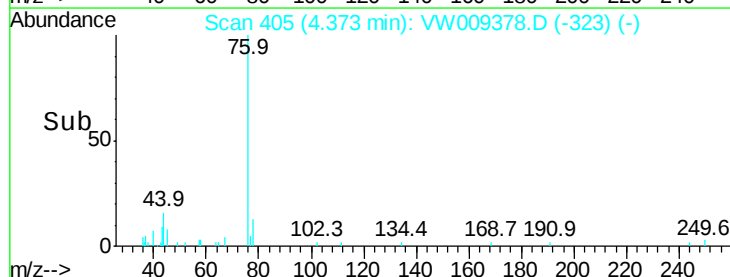
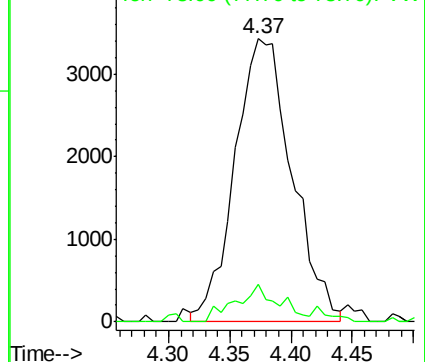
76 100

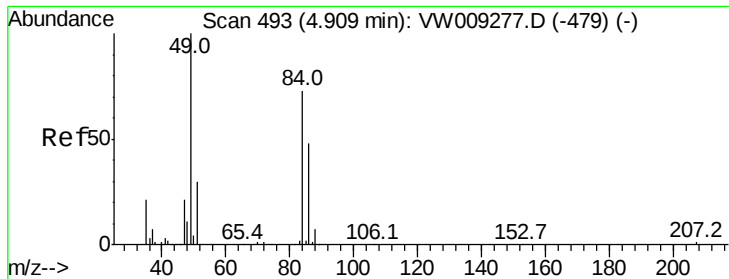
78 13.4 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

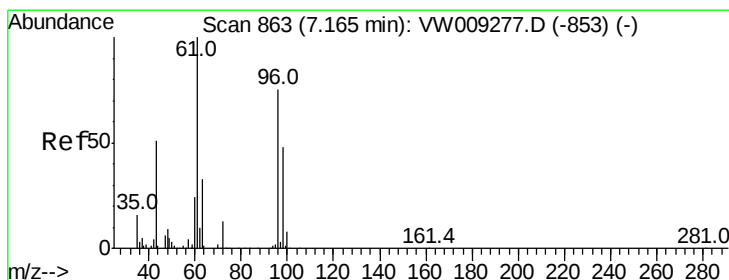
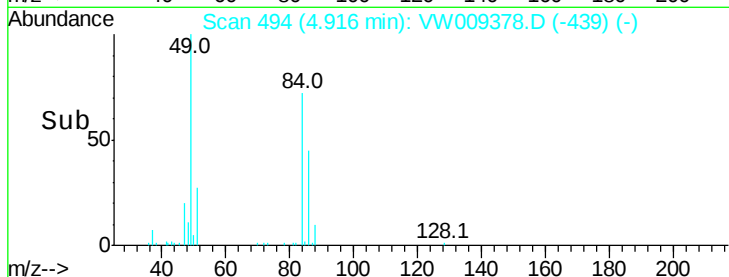
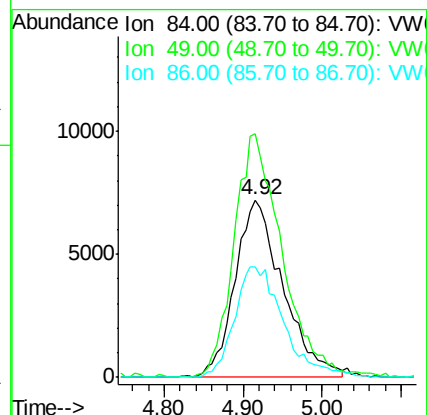
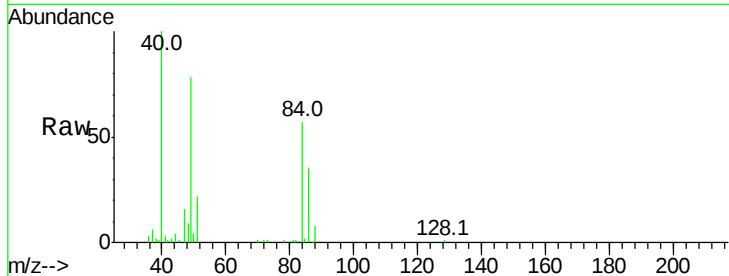




#16
Methylene chloride
Concen: 8.914 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009378.D
Acq: 23 Mar 2019 07:06

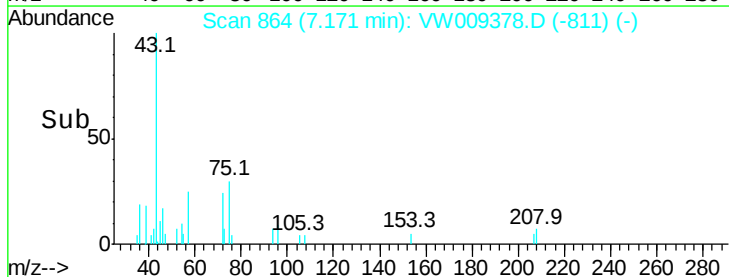
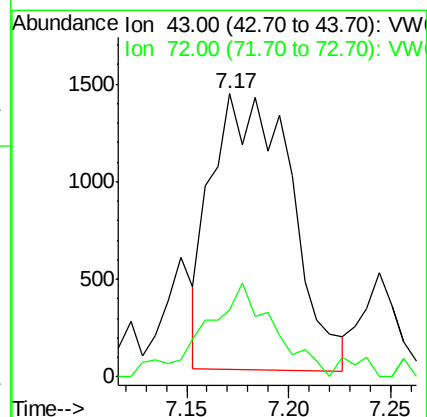
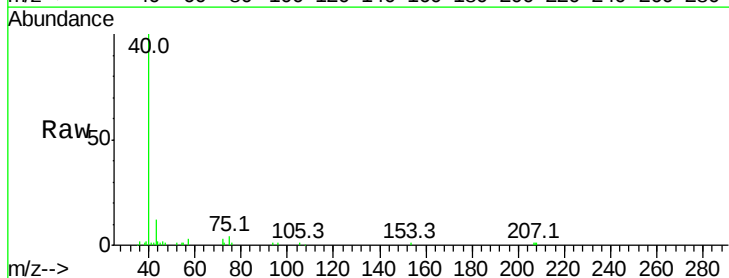
Instrument :
MSVOA_W
ClientSampleId :
BF5S0

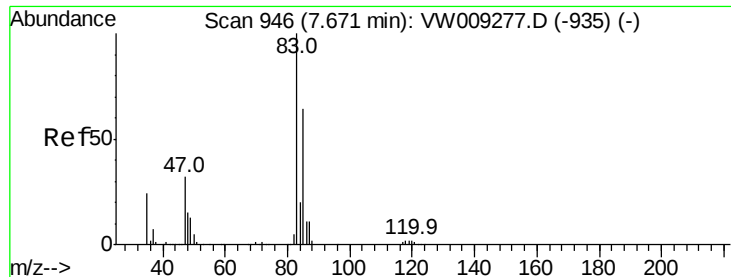
Tgt Ion: 84 Resp: 30355
Ion Ratio Lower Upper
84 100
49 137.4 96.0 178.2
86 62.1 44.4 82.5



#21
2-Butanone
Concen: 2.917 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009378.D
Acq: 23 Mar 2019 07:06

Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
72 27.5 13.1 39.1





#25

Chloroform

Concen: 1.049 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW009378.D

Acq: 23 Mar 2019 07:06

Instrument :

MSVOA_W

ClientSampleId :

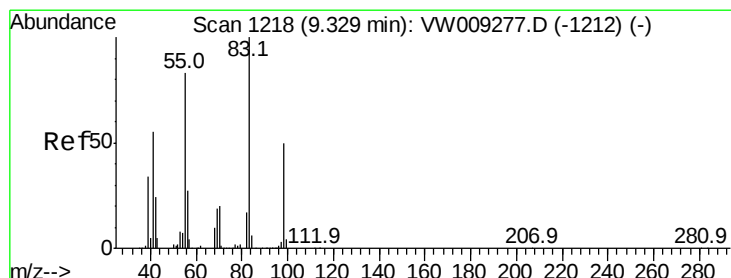
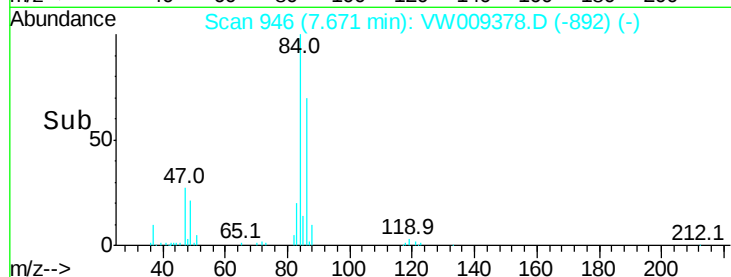
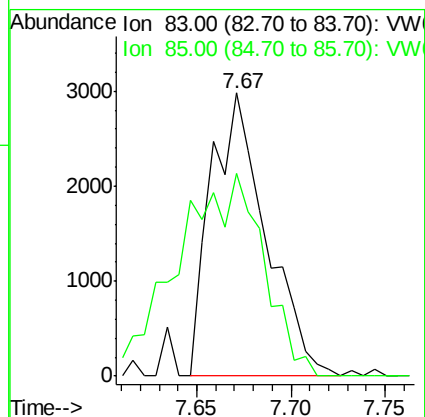
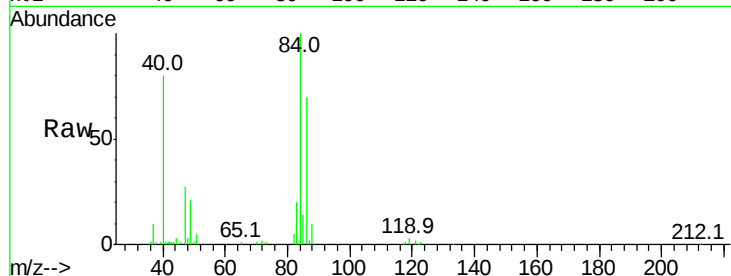
BF5S0

Tgt Ion: 83 Resp: 6053

Ion Ratio Lower Upper

83 100

85 18.7 46.0 85.4#



#36

Methylcyclohexane

Concen: 4.323 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW009378.D

Acq: 23 Mar 2019 07:06

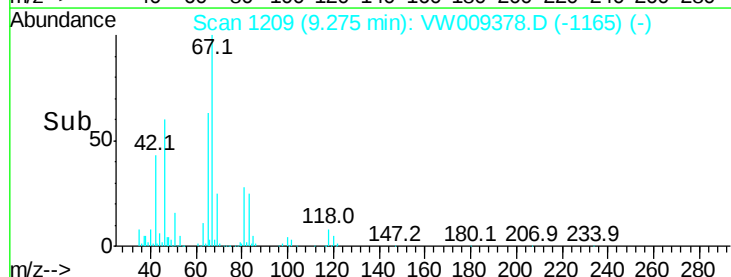
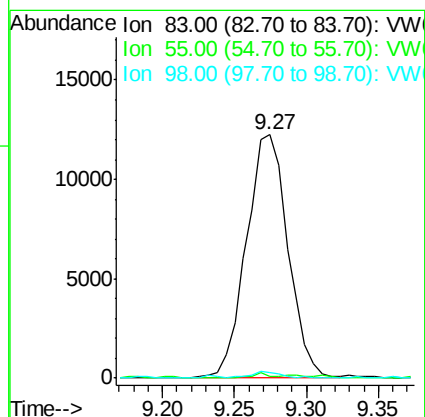
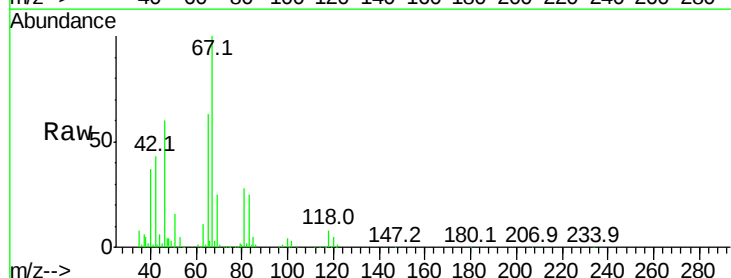
Tgt Ion: 83 Resp: 24541

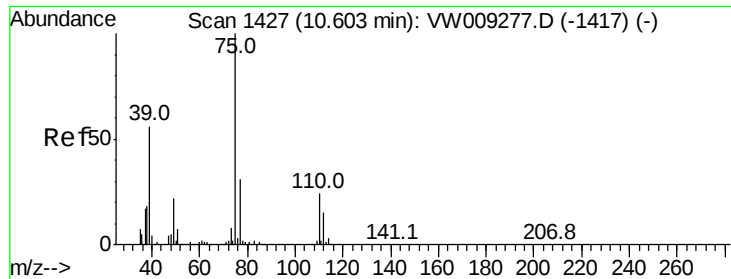
Ion Ratio Lower Upper

83 100

55 0.7 63.5 95.3#

98 1.9 39.8 59.8#





#45

trans-1,3-Dichloropropene

Concen: 0.412 ug/L

RT: 10.57 min Scan# 1421

Delta R.T. -0.04 min

Lab File: VW009378.D

Acq: 23 Mar 2019 07:06

Instrument :

MSVOA_W

ClientSampled :

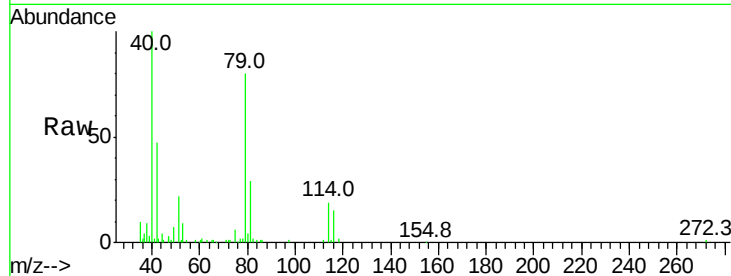
BF5S0

Tgt Ion: 75 Resp: 1846

Ion Ratio Lower Upper

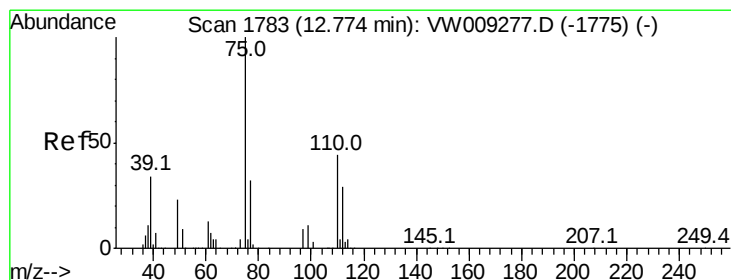
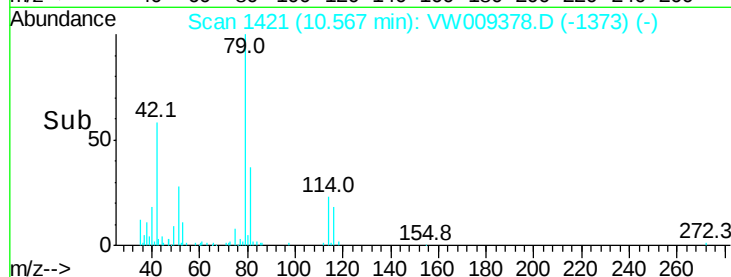
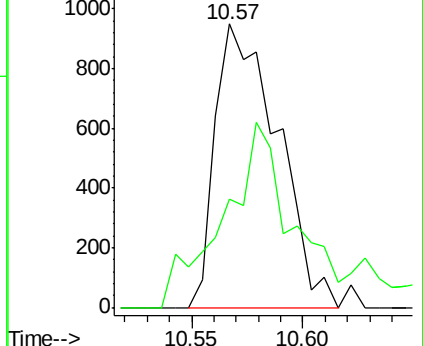
75 100

77 38.1 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.843 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009378.D

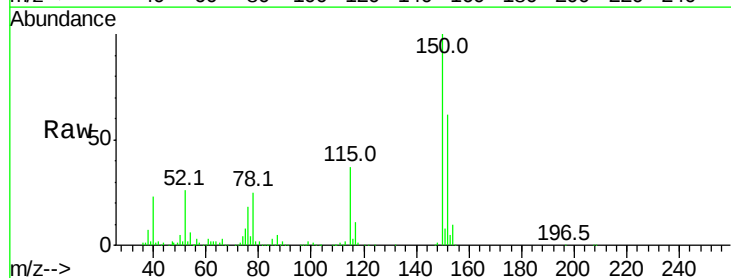
Acq: 23 Mar 2019 07:06

Tgt Ion: 75 Resp: 9700

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

