

Data File : VW009370.D
Acq On : 23 Mar 2019 03:27
Operator : SY/VA
Sample : K2031-14
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S4

Quant Time: Mar 23 06:20:06 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	378593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95281	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	2.90	69	102888	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
10) 1,1-Dichloroethene-d2	4.01	63	148782	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.09	46	88745	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
24) Chloroform-d	7.64	84	230771	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	147017	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.27	84	416045	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.27	67	132973	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	10.32	98	352410	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.88%
38) trans-1,3-Dichloropropene-	10.57	79	52712	18.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.24%
39) 2-Hexanone-d5	10.93	63	63055	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128730	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	119985	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

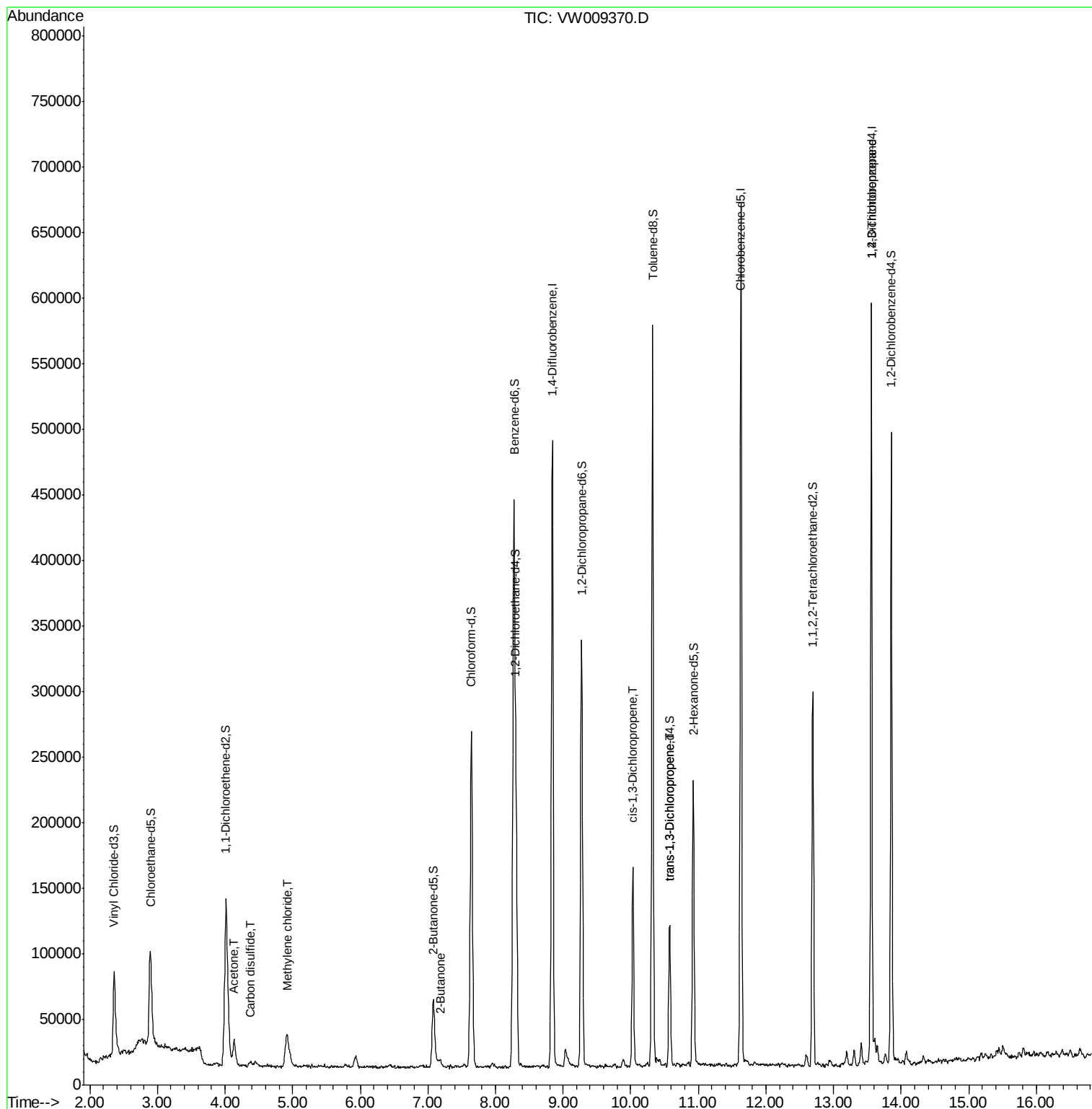
					Qvalue
13) Acetone	4.13	43	31658	20.633 ug/L	89
14) Carbon disulfide	4.37	76	5941	0.473 ug/L #	89
16) Methylene chloride	4.92	84	21224	3.844 ug/L	90
21) 2-Butanone	7.18	43	6714	3.169 ug/L	89
42) cis-1,3-Dichloropropene	10.03	75	4283	0.541 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	2939	0.427 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	18756	4.831 ug/L	91

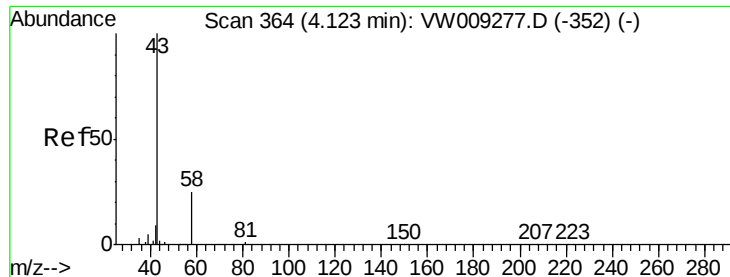
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.633 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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Acq: 23 Mar 2019 03:27

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MSVOA_W

ClientSampleId :

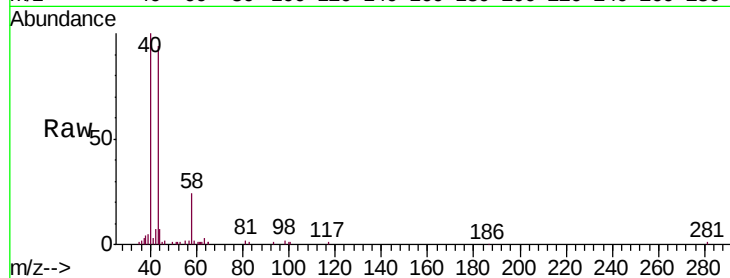
BF5S4

Tgt Ion: 43 Resp: 31658

Ion Ratio Lower Upper

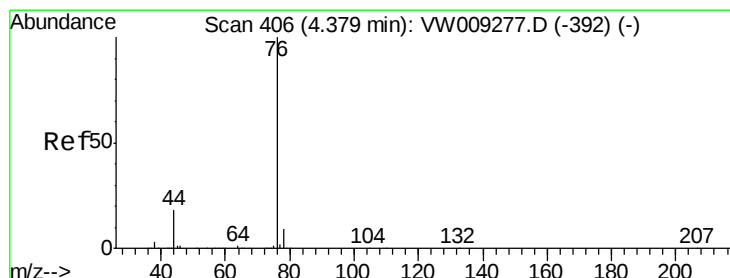
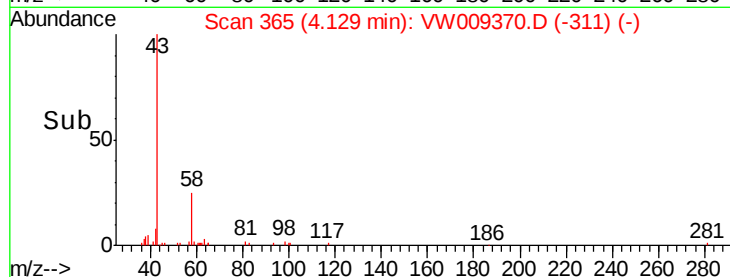
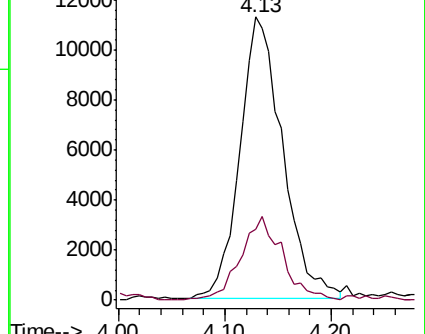
43 100

58 22.1 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: 0.473 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

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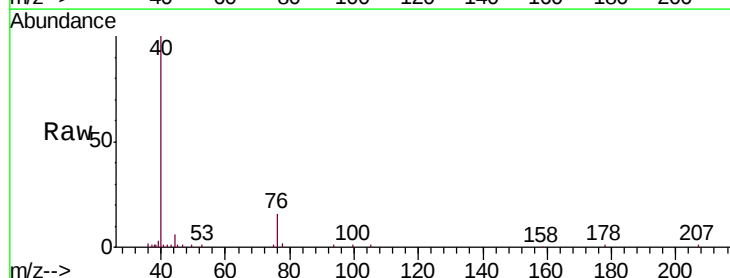
Acq: 23 Mar 2019 03:27

Tgt Ion: 76 Resp: 5941

Ion Ratio Lower Upper

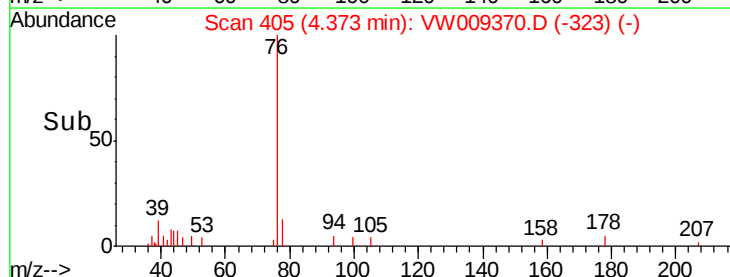
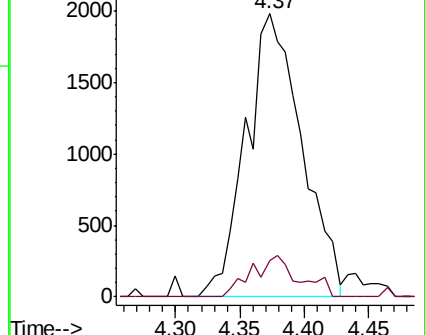
76 100

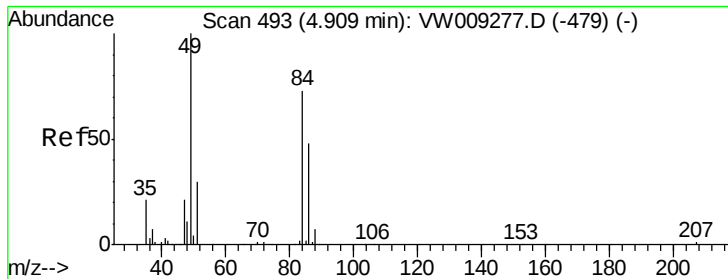
78 12.9 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

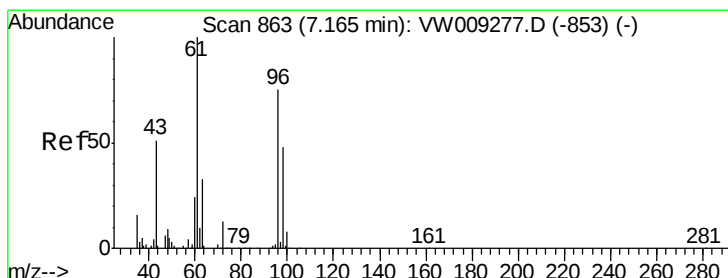
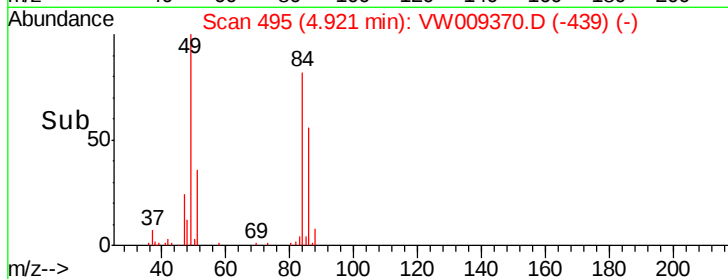
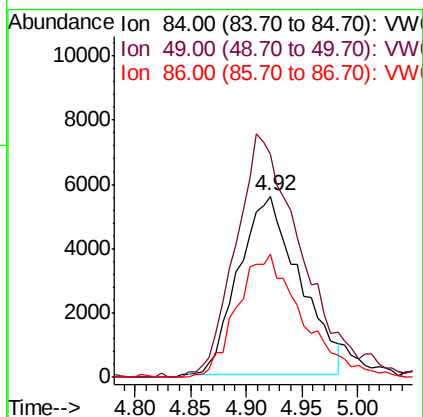
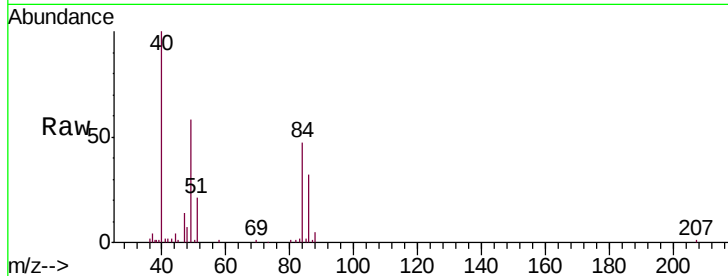




#16
Methylene chloride
Concen: 3.844 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009370.D
Acq: 23 Mar 2019 03:27

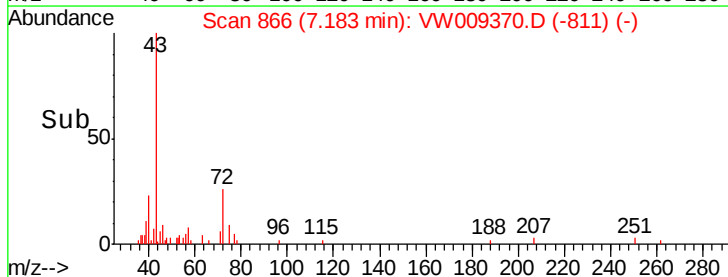
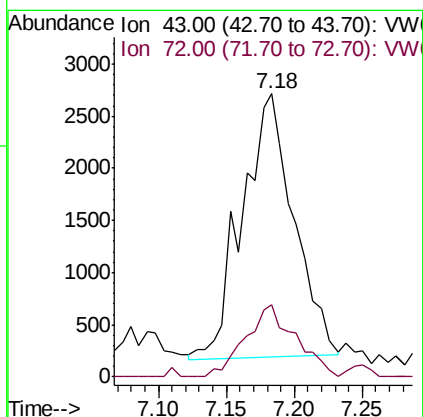
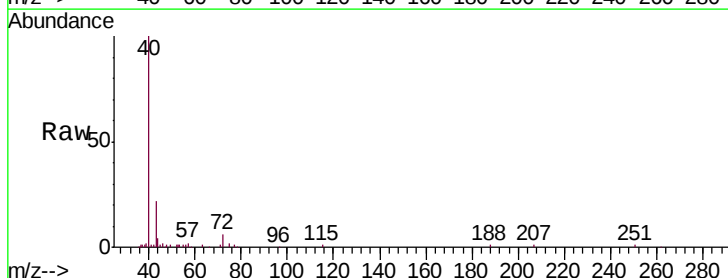
Instrument :
MSVOA_W
ClientSampleId :
BF5S4

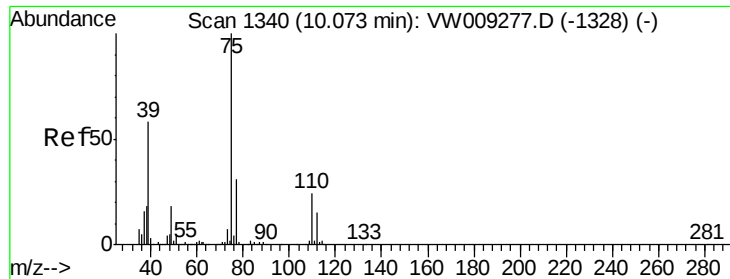
Tgt Ion: 84 Resp: 21224
Ion Ratio Lower Upper
84 100
49 123.2 96.0 178.2
86 68.0 44.4 82.5



#21
2-Butanone
Concen: 3.169 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW009370.D
Acq: 23 Mar 2019 03:27

Tgt Ion: 43 Resp: 6714
Ion Ratio Lower Upper
43 100
72 20.4 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009370.D

Acq: 23 Mar 2019 03:27

Instrument :

MSVOA_W

ClientSampleId :

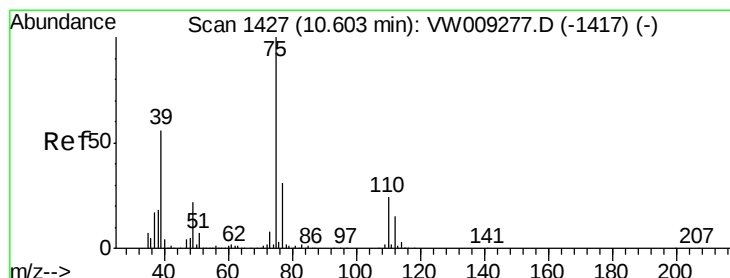
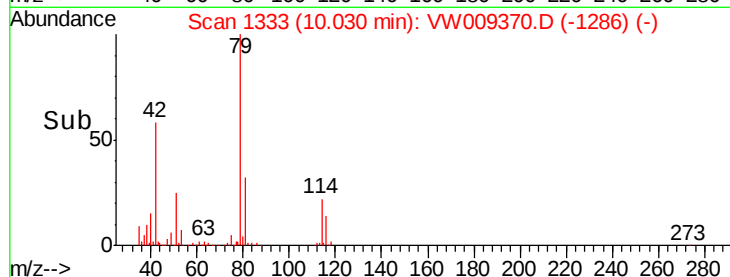
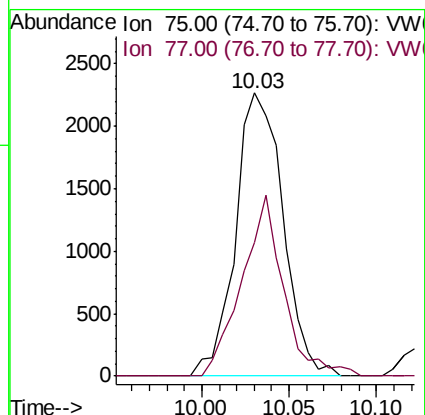
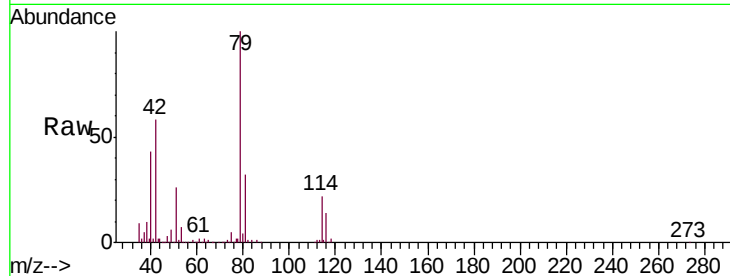
BF5S4

Tgt Ion: 75 Resp: 4283

Ion Ratio Lower Upper

75 100

77 47.4 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009370.D

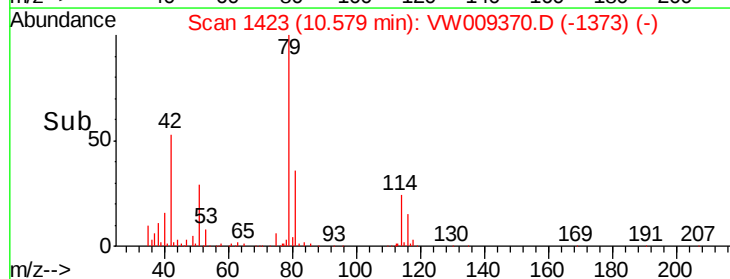
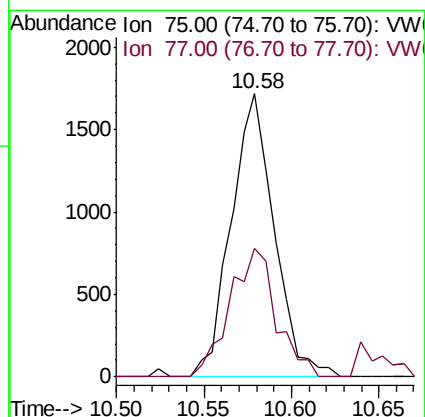
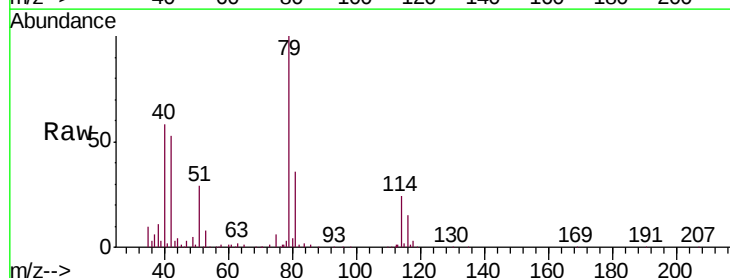
Acq: 23 Mar 2019 03:27

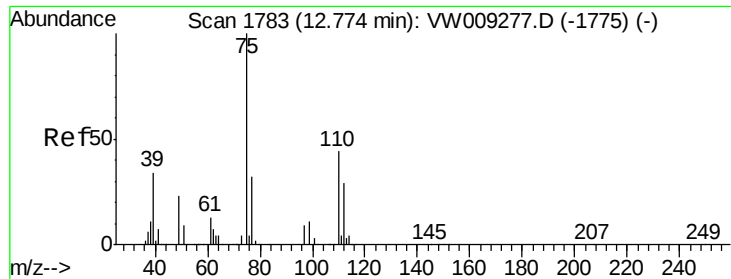
Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 4.831 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009370.D

Acq: 23 Mar 2019 03:27

Instrument :

MSVOA_W

ClientSampleId :

BF5S4

Tgt Ion: 75 Resp: 18756

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

