

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009526.D
 Acq On : 28 Mar 2019 03:44
 Operator : SY/VA
 Sample : K2068-22
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K3

Quant Time: Mar 28 07:47:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63205	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
7) Chloroethane-d5	2.89	69	73750	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	4.01	63	104481	13.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.12%
20) 2-Butanone-d5	7.07	46	32457	21.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.12%
24) Chloroform-d	7.64	84	192302	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.30	65	114318	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.32%
29) Benzene-d6	8.27	84	308892	21.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.24%
33) 1,2-Dichloropropane-d6	9.27	67	107514	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.32	98	241751	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.32%
38) trans-1,3-Dichloropropene-	10.57	79	29376	13.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.12%
39) 2-Hexanone-d5	10.93	63	21537	20.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93926	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	72707	21.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.72%

Target Compounds

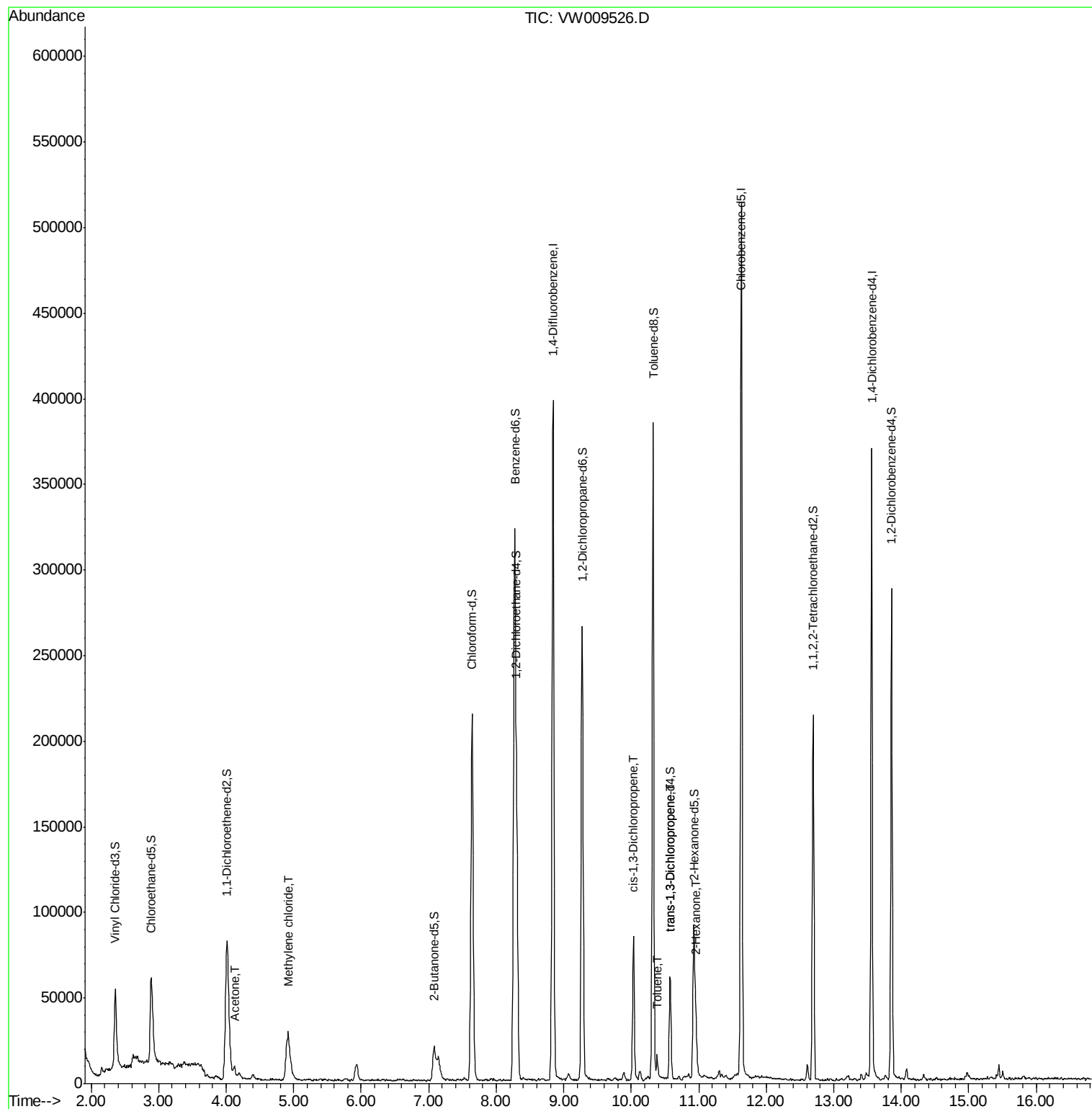
					Ovalue
13) Acetone	4.12	43	9435	7.644 ug/L	99
16) Methylene chloride	4.92	84	14221	3.202 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	2462	0.405 ug/L #	61
44) Toluene	10.38	91	8391	0.527 ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	1975	0.373 ug/L	98
49) 2-Hexanone	10.96	43	25966	10.894 ug/L #	62

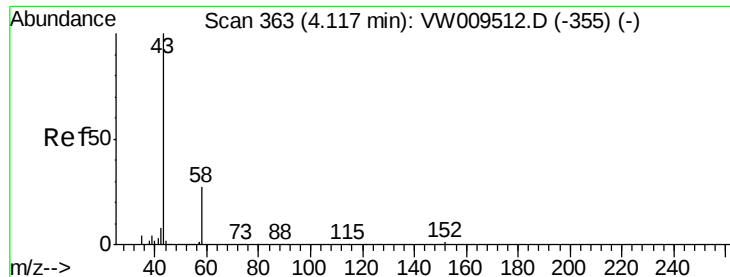
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.644 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009526.D

Acq: 28 Mar 2019 03:44

Instrument :

MSVOA_W

ClientSampleId :

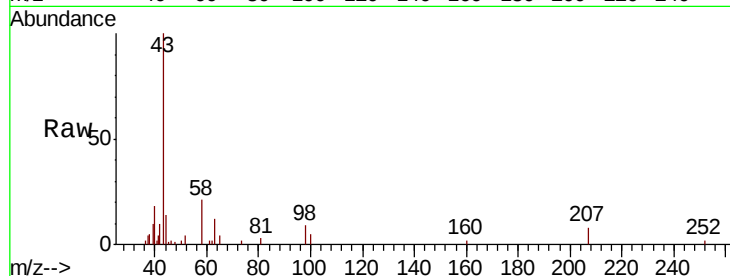
BF5K3

Tot Ion: 43 Resp: 9435

Ion Ratio Lower Upper

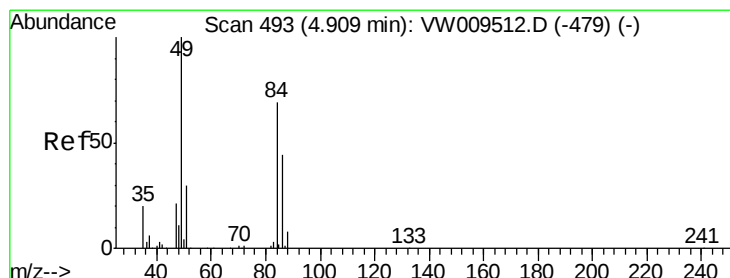
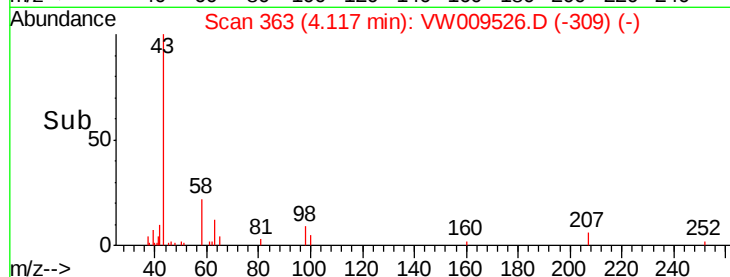
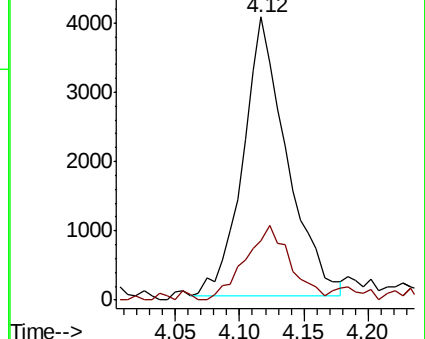
43 100

58 27.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.202 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW009526.D

Acq: 28 Mar 2019 03:44

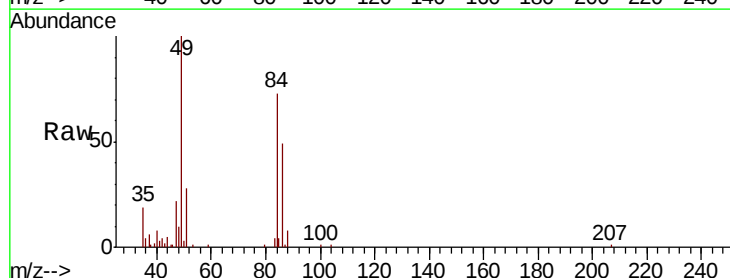
Tgt Ion: 84 Resp: 14221

Ion Ratio Lower Upper

84 100

49 137.3 96.0 178.2

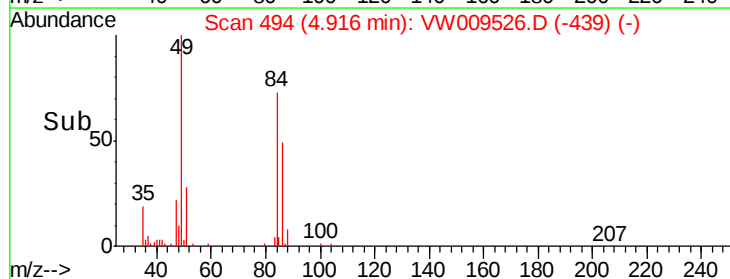
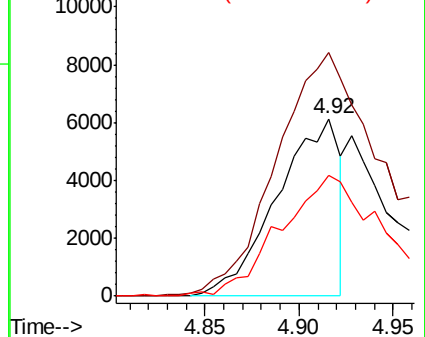
86 67.9 44.4 82.5

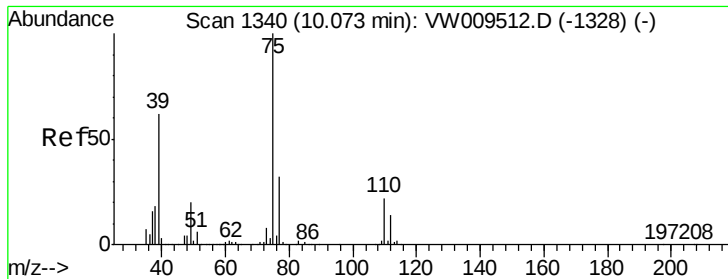


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009526.D

Acq: 28 Mar 2019 03:44

Instrument :

MSVOA_W

ClientSampleId :

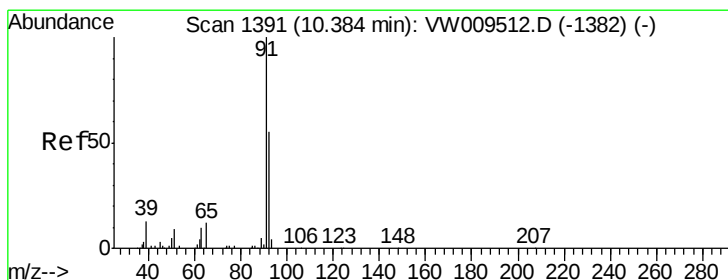
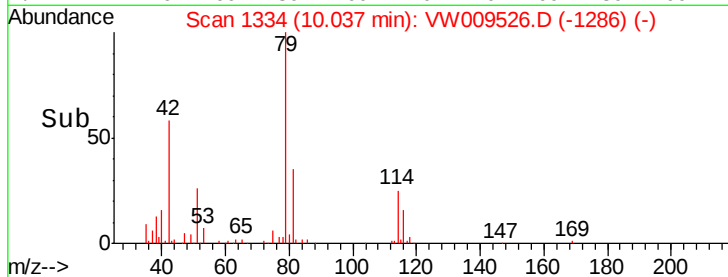
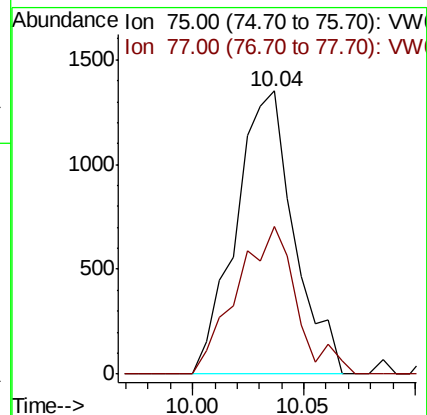
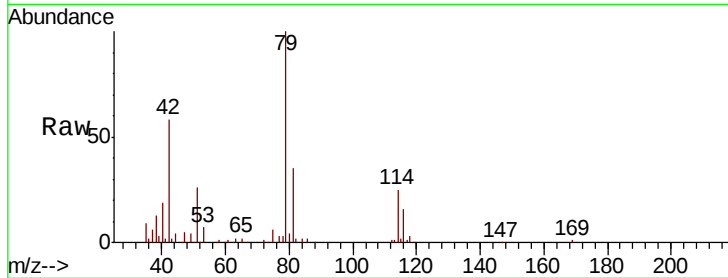
BF5K3

Tot Ion: 75 Resp: 2462

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#



#44

Toluene

Concen: 0.527 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009526.D

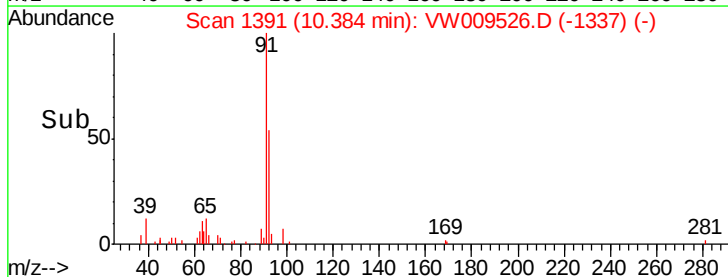
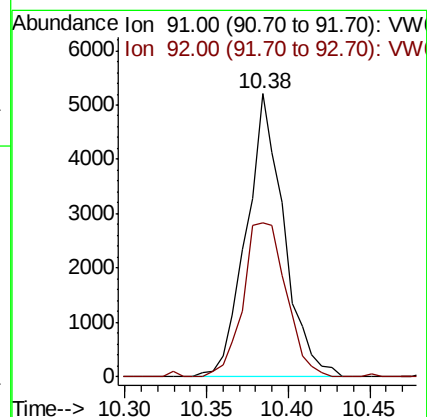
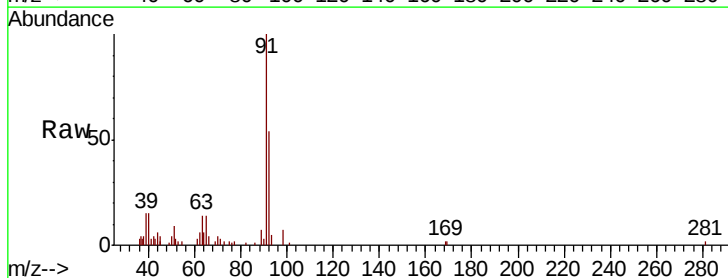
Acq: 28 Mar 2019 03:44

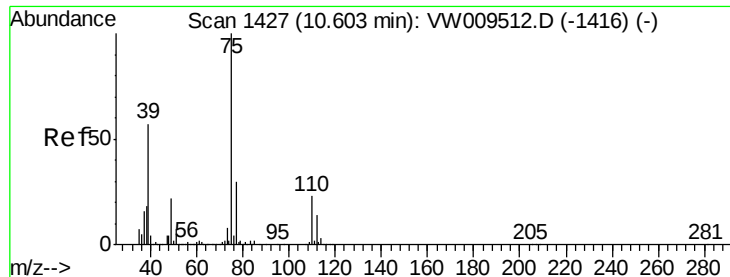
Tgt Ion: 91 Resp: 8391

Ion Ratio Lower Upper

91 100

92 54.3 39.8 73.8





#45

trans-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009526.D

Acq: 28 Mar 2019 03:44

Instrument :

MSVOA_W

ClientSampled :

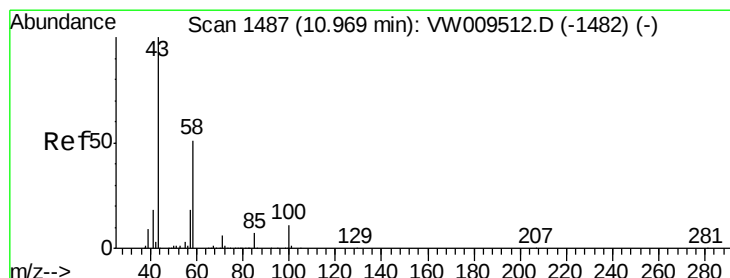
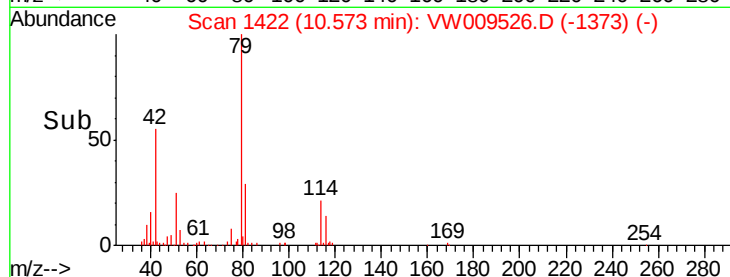
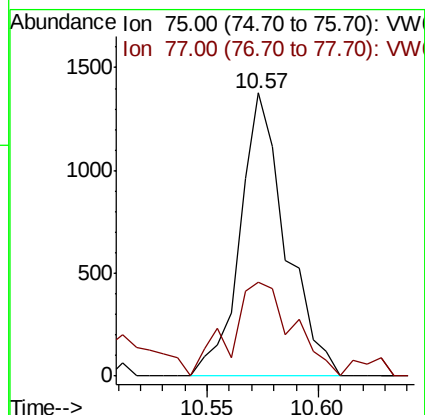
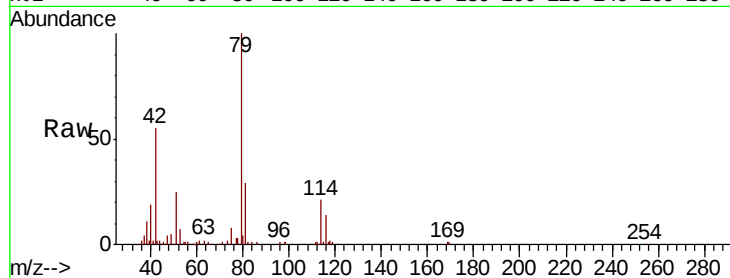
BF5K3

Tot Ion: 75 Resp: 1975

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7



#49

2-Hexanone

Concen: 10.894 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009526.D

Acq: 28 Mar 2019 03:44

Tgt Ion: 43 Resp: 25966

Ion Ratio Lower Upper

43 100

58 19.0 39.2 58.8#

57 4.0 14.2 21.2#

100 3.7 8.9 13.3#

