

Data File : VW009554.D
Acq On : 28 Mar 2019 23:56
Operator : SY/VA
Sample : K2068-22
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5K3

Quant Time: Mar 29 07:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	154132	32.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.88%
7) Chloroethane-d5	2.89	69	141991	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
10) 1,1-Dichloroethene-d2	4.01	63	228882	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.64%
20) 2-Butanone-d5	7.18	46	177	0.09	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.18%#
24) Chloroform-d	7.64	84	285555	26.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	8.31	65	167261	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	544609	28.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.92%
33) 1,2-Dichloropropane-d6	9.27	67	163302	28.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.72%
37) Toluene-d8	10.32	98	466282	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	58380	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.24%
39) 2-Hexanone-d5	10.93	63	36014	25.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119127	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	124771	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

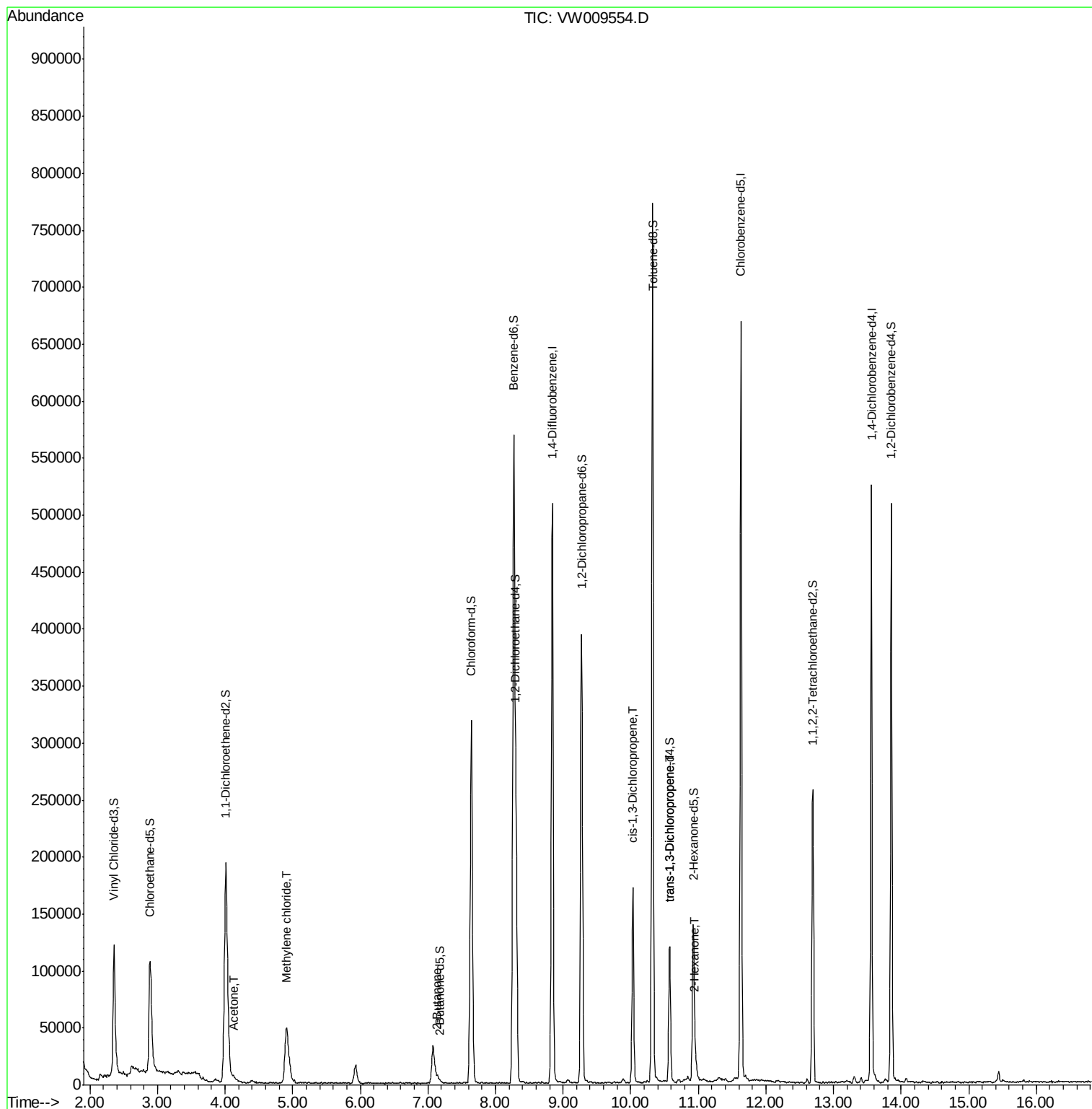
					Qvalue
13) Acetone	4.12	43	5591	3.527 ug/L	89
16) Methylene chloride	4.92	84	43225	7.578 ug/L	96
21) 2-Butanone	7.13	43	8643	3.949 ug/L #	52
42) cis-1,3-Dichloropropene	10.03	75	4792	0.599 ug/L #	64
45) trans-1,3-Dichloropropene	10.57	75	3472	0.499 ug/L	86
49) 2-Hexanone	10.96	43	12402	3.955 ug/L #	72

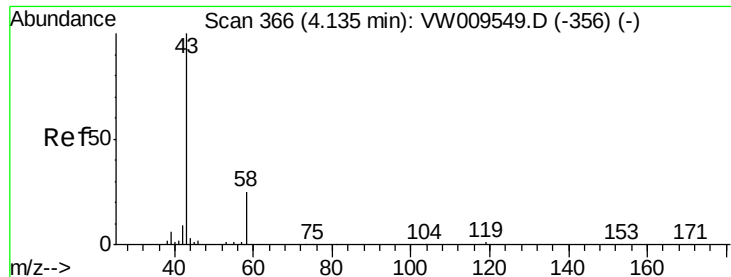
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.527 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

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Acq: 28 Mar 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

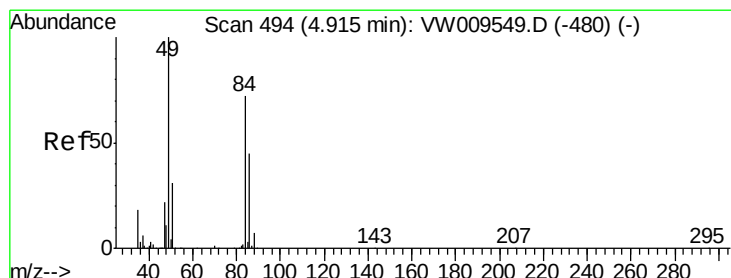
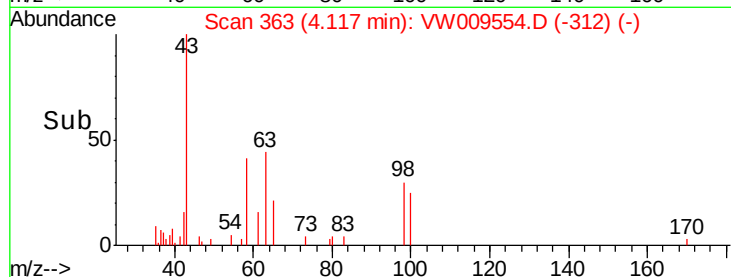
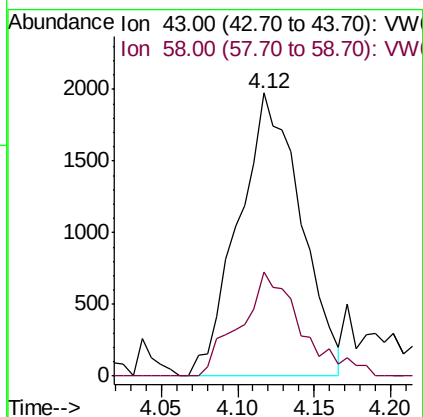
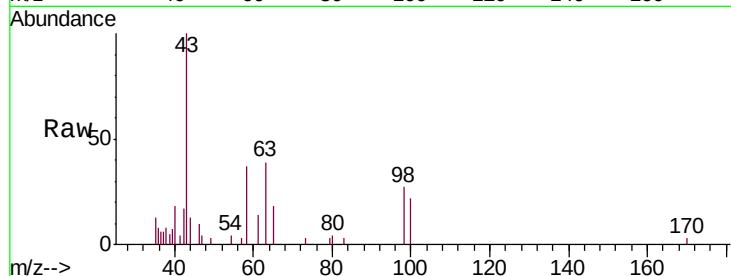
BF5K3

Tgt Ion: 43 Resp: 5591

Ion Ratio Lower Upper

43 100

58 34.1 0.0 56.2



#16

Methylene chloride

Concen: 7.578 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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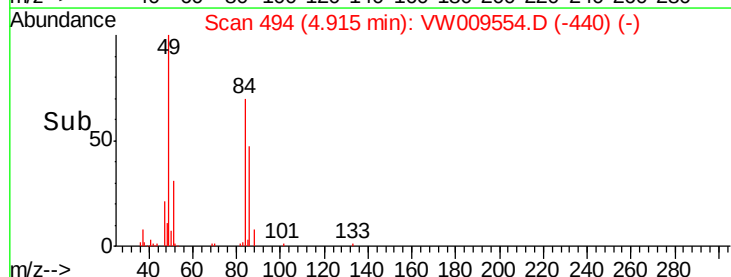
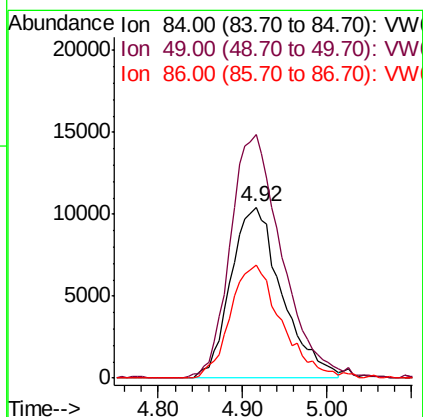
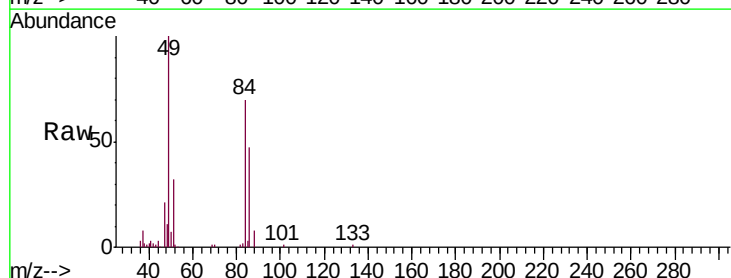
Tgt Ion: 84 Resp: 43225

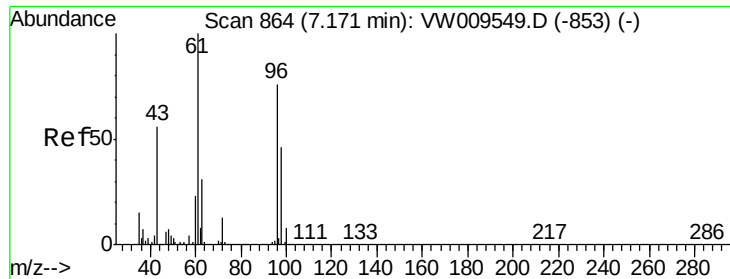
Ion Ratio Lower Upper

84 100

49 142.2 96.0 178.2

86 66.3 44.4 82.5





#21

2-Butanone

Concen: 3.949 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW009554.D

Acq: 28 Mar 2019 23:56

Instrument :

MSVOA_W

ClientSampled :

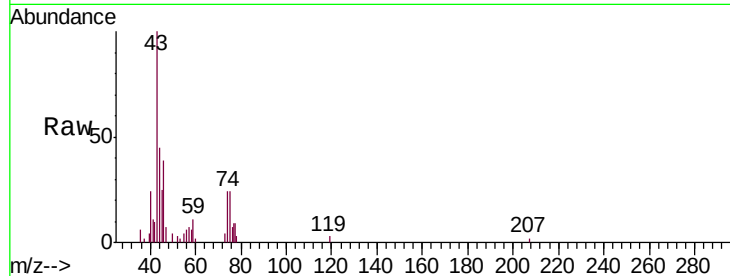
BF5K3

Tgt Ion: 43 Resp: 8643

Ion Ratio Lower Upper

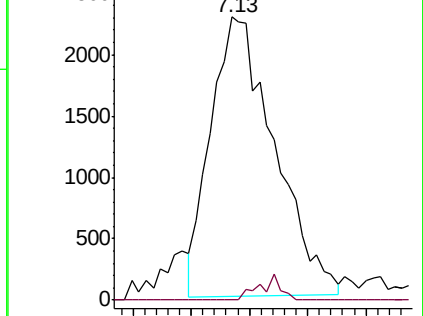
43 100

72 1.5 13.1 39.1#

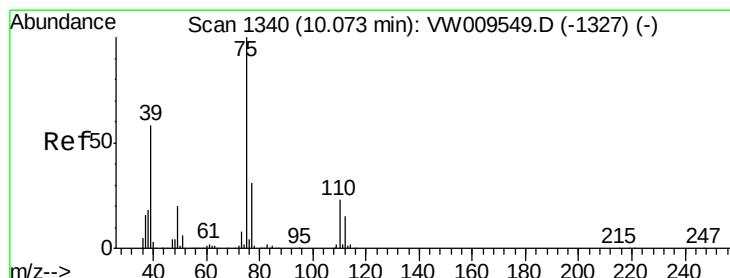
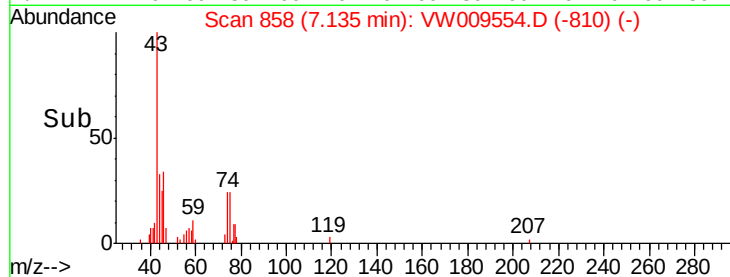


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009554.D

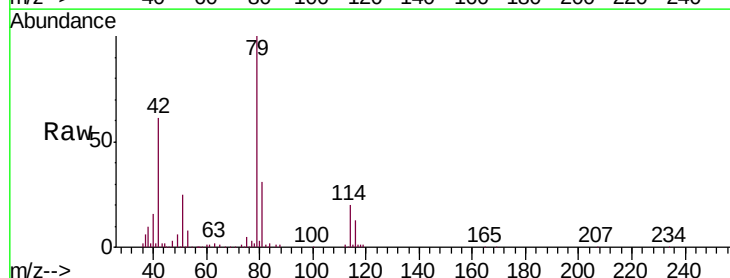
Acq: 28 Mar 2019 23:56

Tgt Ion: 75 Resp: 4792

Ion Ratio Lower Upper

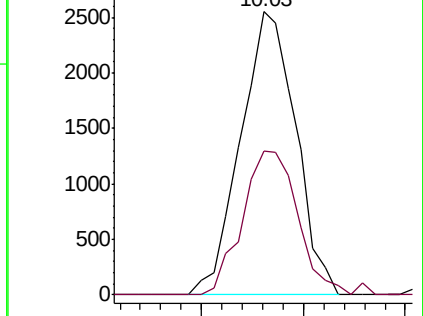
75 100

77 50.6 21.6 40.2#

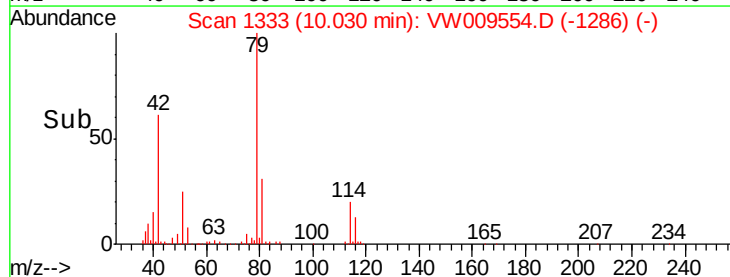


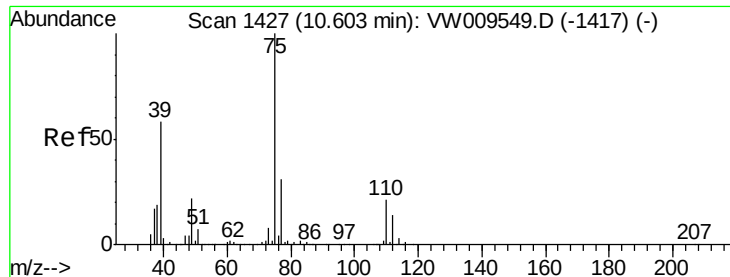
Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009554.D

Acq: 28 Mar 2019 23:56

Instrument :

MSVOA_W

ClientSampled :

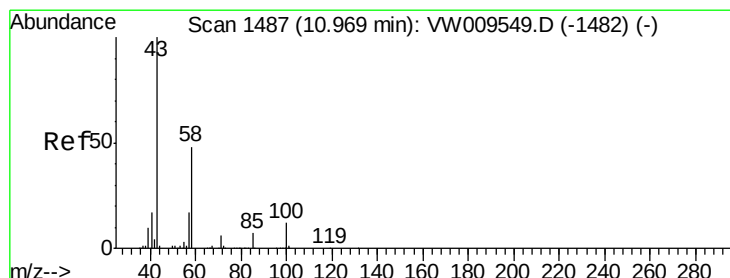
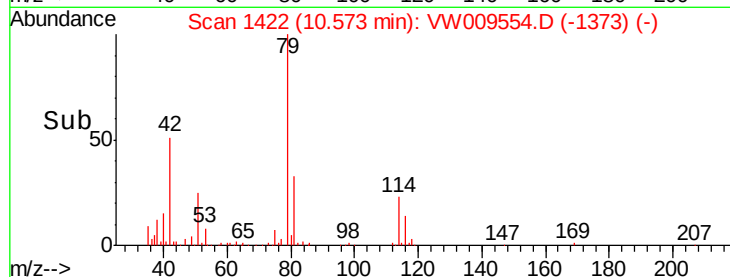
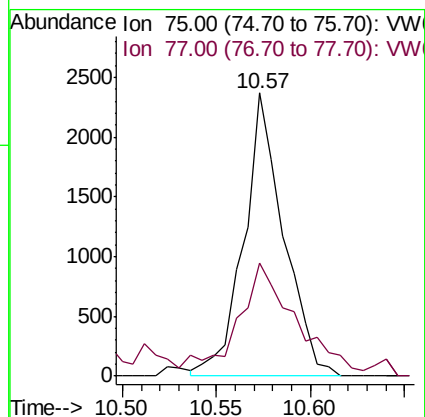
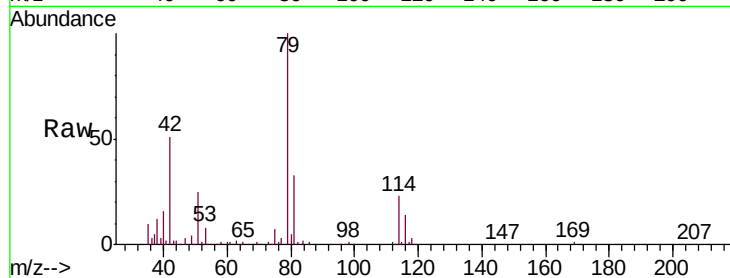
BF5K3

Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

75 100

77 39.9 22.5 41.7



#49

2-Hexanone

Concen: 3.955 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009554.D

Acq: 28 Mar 2019 23:56

Tgt Ion: 43 Resp: 12402

Ion Ratio Lower Upper

43 100

58 28.2 39.2 58.8#

57 5.9 14.2 21.2#

100 4.3 8.9 13.3#

