

Data File : VW009179.D
Acq On : 14 Mar 2019 19:42
Operator : SY/VA
Sample : K1794-12
Misc : 4.89G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5N1RE

Quant Time: Mar 15 06:57:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	95239	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154074	32.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.80%
7) Chloroethane-d5	2.90	69	143629	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	4.01	63	219190	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.08%
20) 2-Butanone-d5	7.07	46	63819	32.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.50%
24) Chloroform-d	7.65	84	273276	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.48	65	83	0.01	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	529270	30.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.56%
33) 1,2-Dichloropropane-d6	9.27	67	160376	30.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.64%#
37) Toluene-d8	10.32	98	436797	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.40%
38) trans-1,3-Dichloropropene-	10.57	79	62530	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.00%
39) 2-Hexanone-d5	10.93	63	51276	40.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122355	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	90295	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

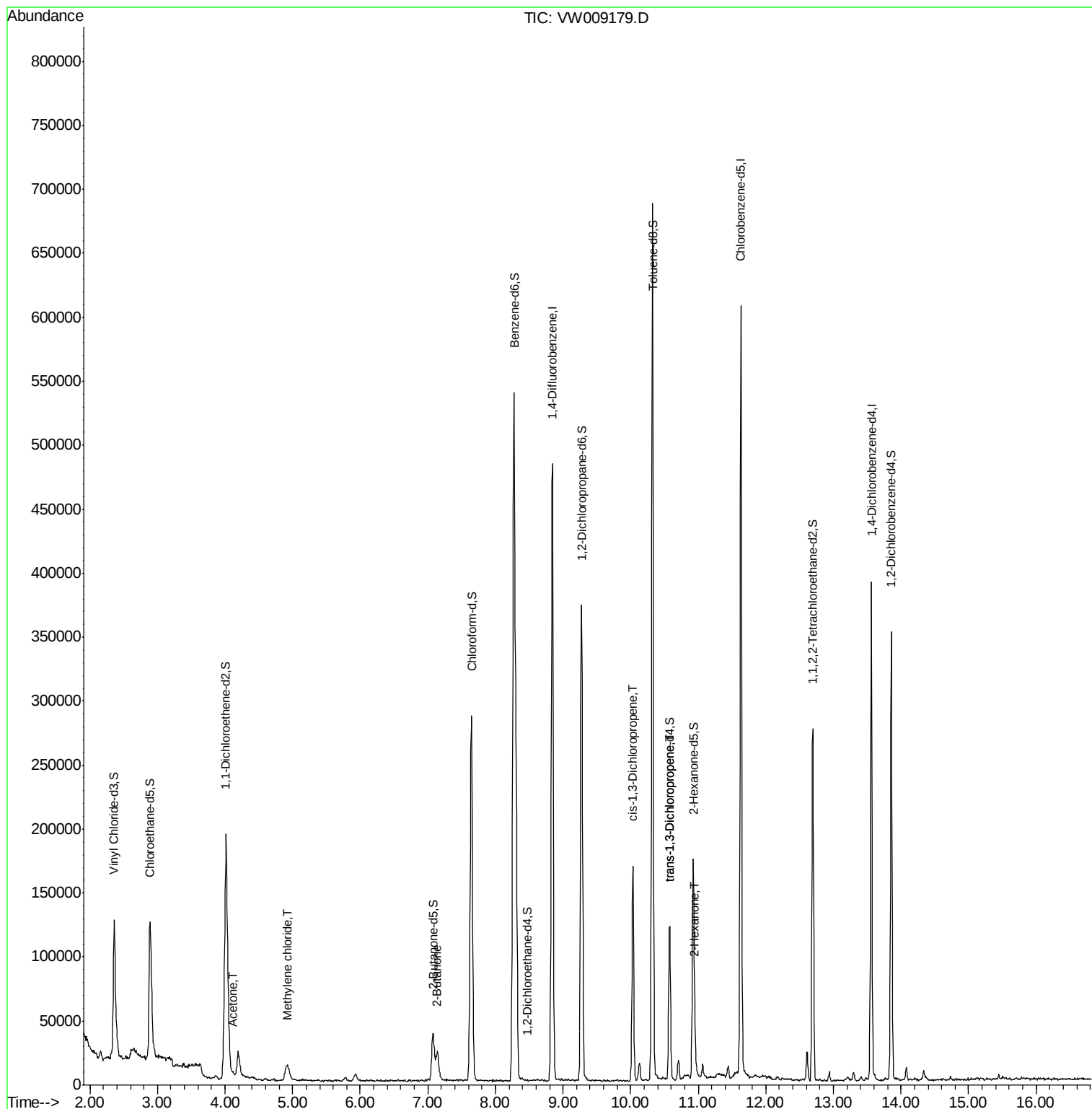
					Qvalue
13) Acetone	4.12	43	4008	2.508 ug/L	63
16) Methylene chloride	4.92	84	10703	1.861 ug/L	95
21) 2-Butanone	7.14	43	16818	7.621 ug/L #	51
42) cis-1,3-Dichloropropene	10.03	75	4959	0.692 ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	3808	0.611 ug/L	89
49) 2-Hexanone	10.95	43	14108	5.025 ug/L #	43

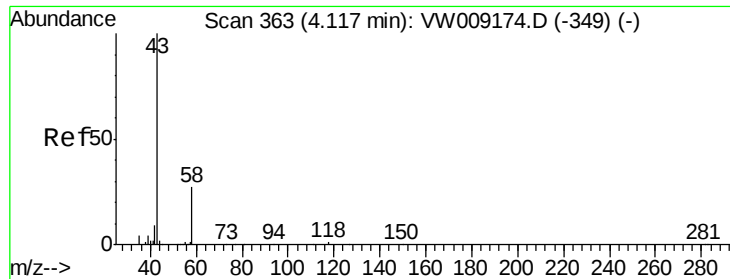
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.508 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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ClientSampleId :

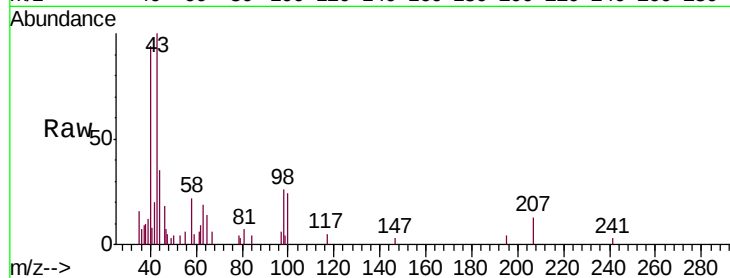
BF5N1RE

Tgt Ion: 43 Resp: 4008

Ion Ratio Lower Upper

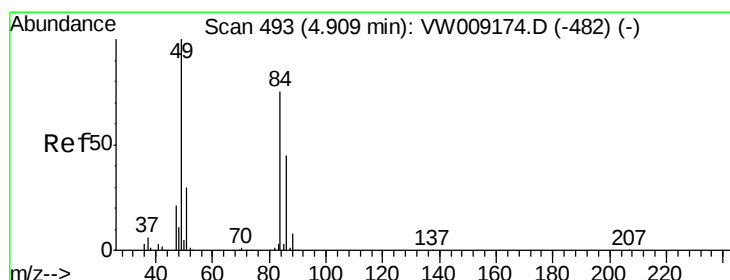
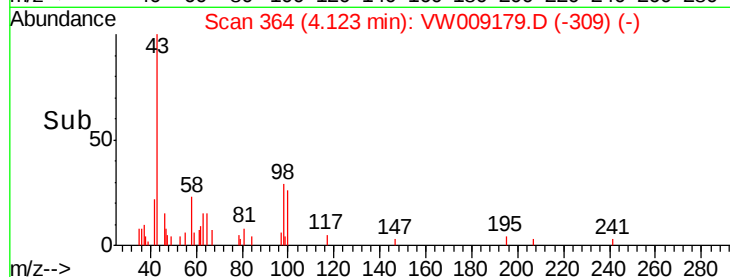
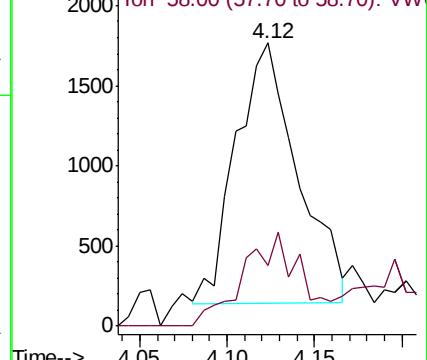
43 100

58 8.5 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: 1.861 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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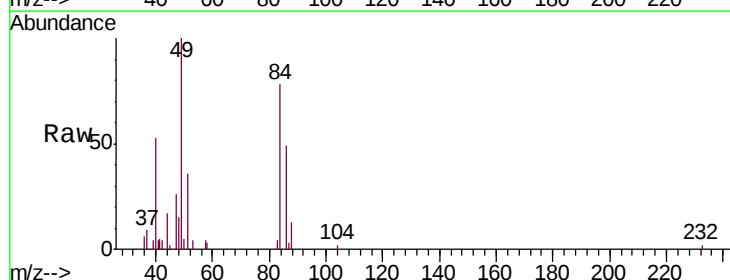
Tgt Ion: 84 Resp: 10703

Ion Ratio Lower Upper

84 100

49 129.0 96.0 178.2

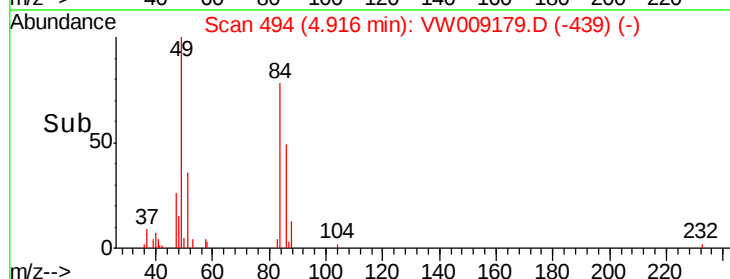
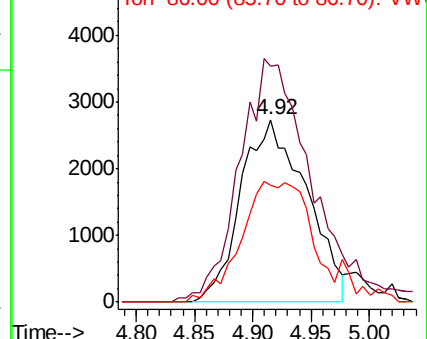
86 63.8 44.4 82.5

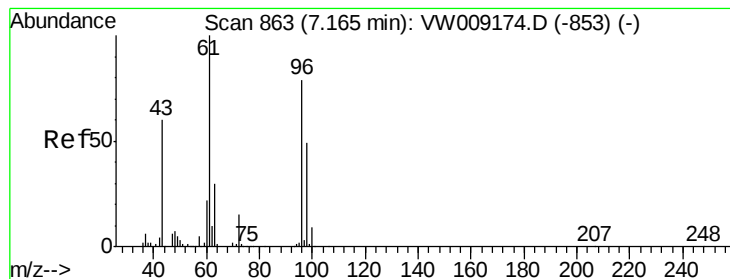


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 7.621 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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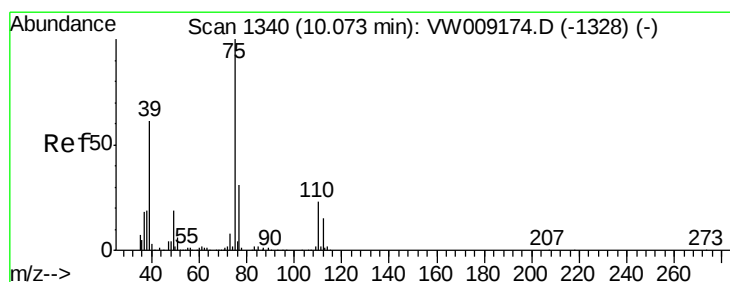
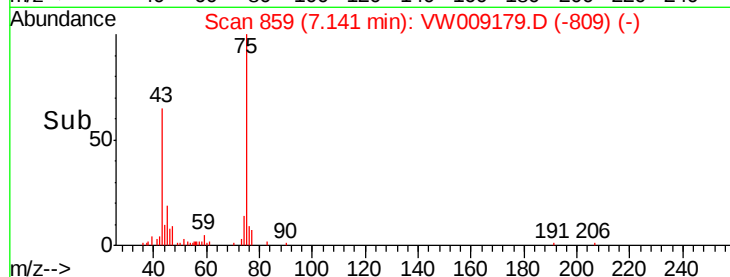
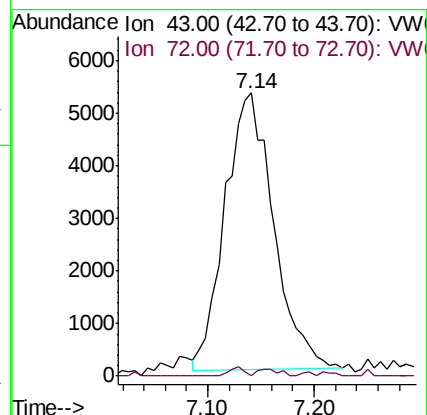
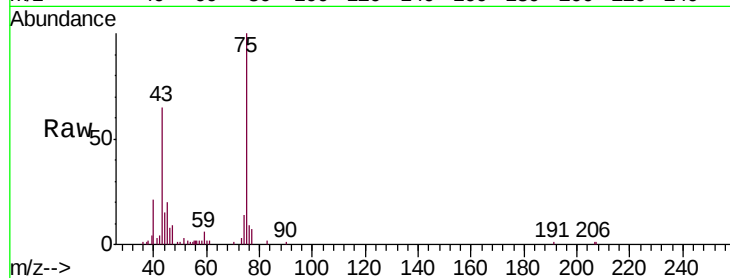
BF5N1RE

Tgt Ion: 43 Resp: 16818

Ion Ratio Lower Upper

43 100

72 1.0 13.1 39.1#



#42

cis-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009179.D

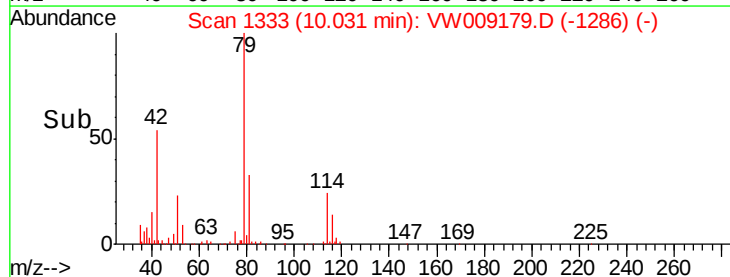
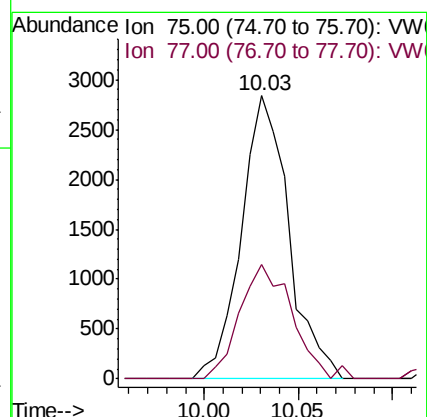
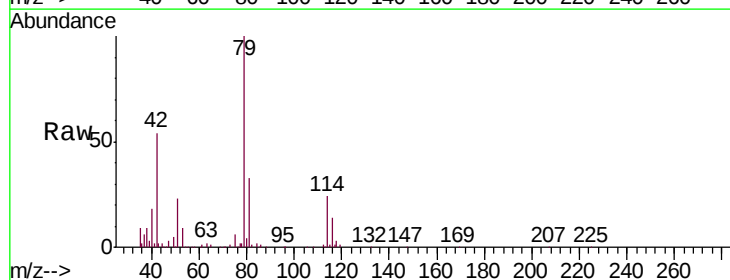
Acq: 14 Mar 2019 19:42

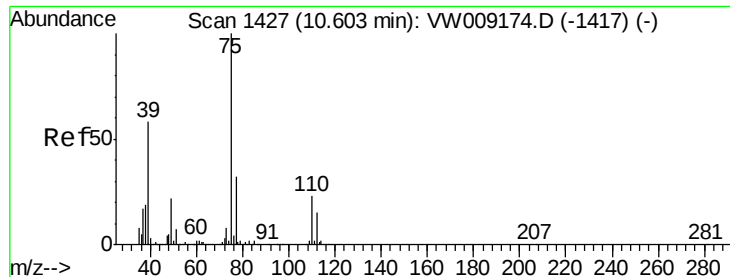
Tgt Ion: 75 Resp: 4959

Ion Ratio Lower Upper

75 100

77 40.3 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Acq: 14 Mar 2019 19:42

Instrument :

MSVOA_W

ClientSampleId :

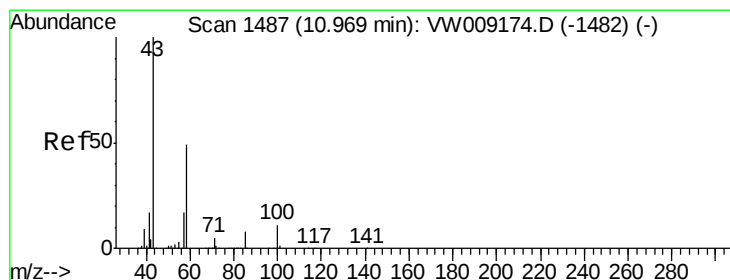
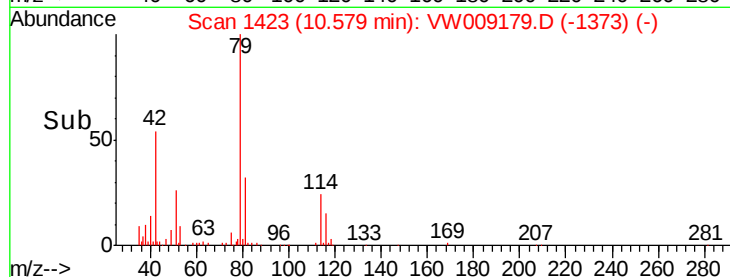
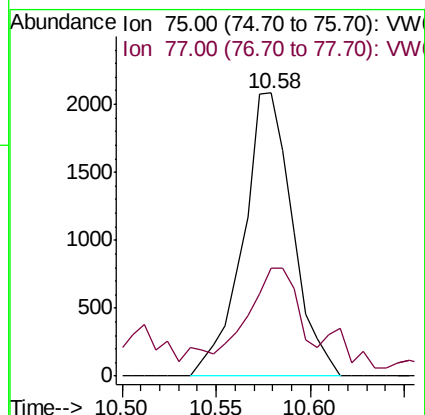
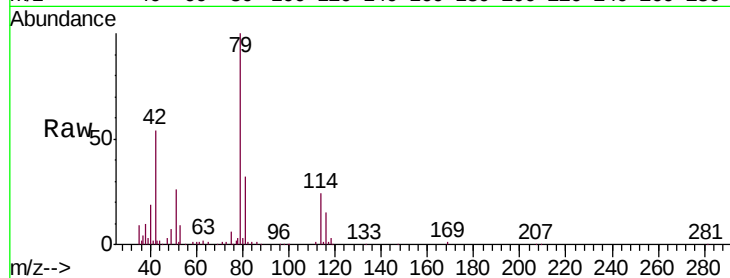
BF5N1RE

Tgt Ion: 75 Resp: 3808

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7



#49

2-Hexanone

Concen: 5.025 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009179.D

Acq: 14 Mar 2019 19:42

Tgt Ion: 43 Resp: 14108

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 2.1 14.2 21.2#

100 2.0 8.9 13.3#

