

Data File : VW014411.D
Acq On : 18 Dec 2019 00:01
Operator : SY/VA
Sample : K6279-06
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEX8

Quant Time: Dec 18 03:35:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	861397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	731885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	261434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	266387	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	241685	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.28	63	211	0.01	ug/L	0.26
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	115604	34.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.02%
24) Chloroform-d	7.65	84	564358	25.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	8.30	65	323481	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.52%
29) Benzene-d6	8.27	84	1138474	26.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.16%
33) 1,2-Dichloropropane-d6	9.27	67	373209	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.12%
37) Toluene-d8	10.32	98	927655	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.57	79	83352	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.20%
39) 2-Hexanone-d5	10.92	63	87144	33.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	277171	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	222770	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds

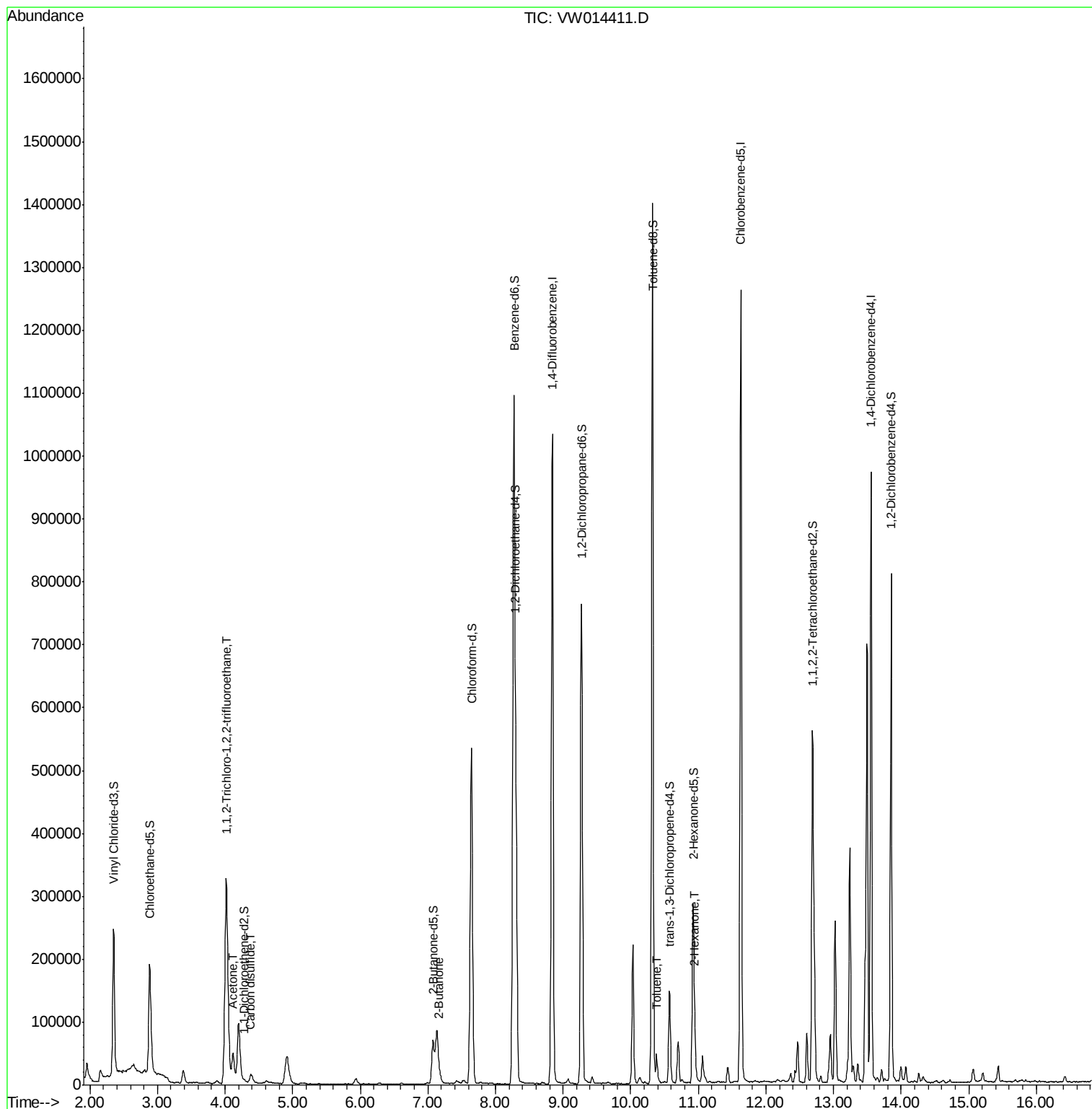
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	4333	0.381 ug/L #	17
13) Acetone	4.12	43	82646	25.218 ug/L	96
14) Carbon disulfide	4.38	76	17310	0.491 ug/L	97
21) 2-Butanone	7.17	43	20089	4.566 ug/L	99
44) Toluene	10.38	91	30856	0.635 ug/L	94
49) 2-Hexanone	10.95	43	40753	7.291 ug/L #	38

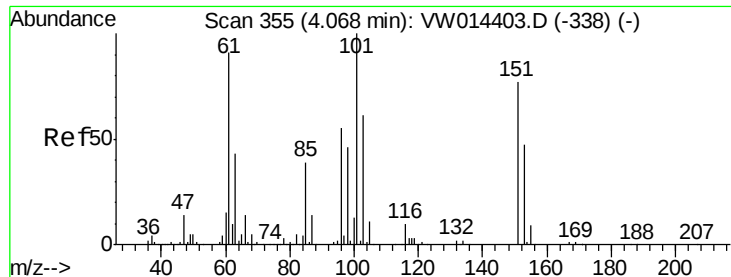
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.381 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW014411.D

Acq: 18 Dec 2019 00:01

Instrument :

MSVOA_W

ClientSampled :

BFEX8

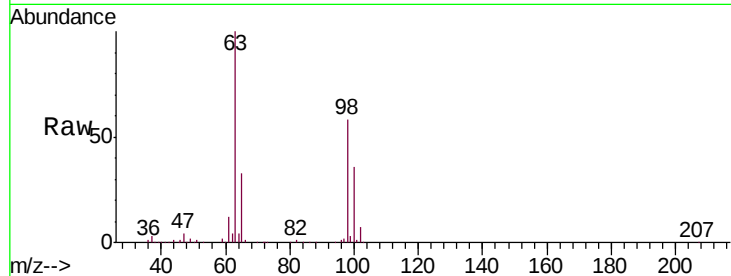
Tgt Ion:101 Resp: 4333

Ion Ratio Lower Upper

101 100

85 0.0 31.4 47.2#

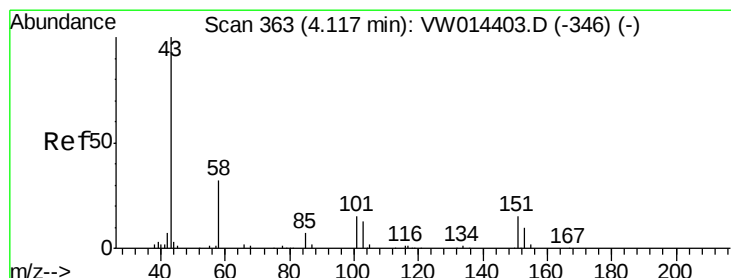
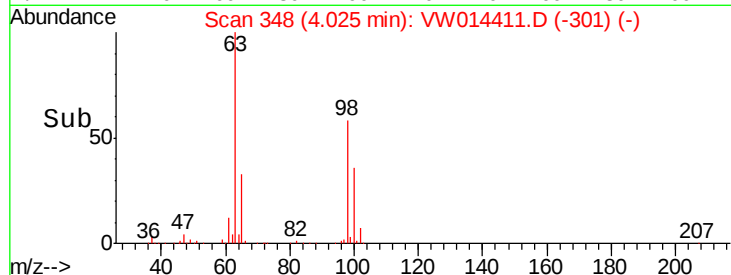
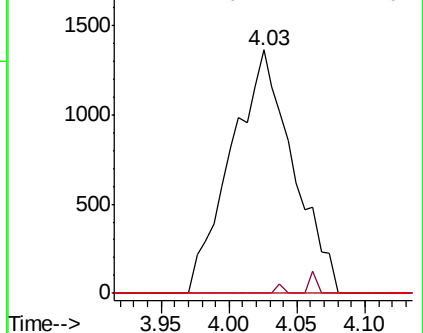
151 0.0 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 25.218 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014411.D

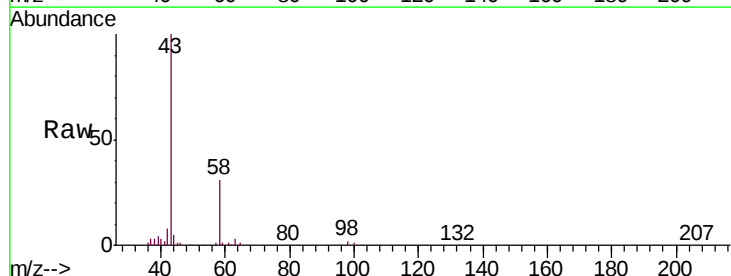
Acq: 18 Dec 2019 00:01

Tgt Ion: 43 Resp: 82646

Ion Ratio Lower Upper

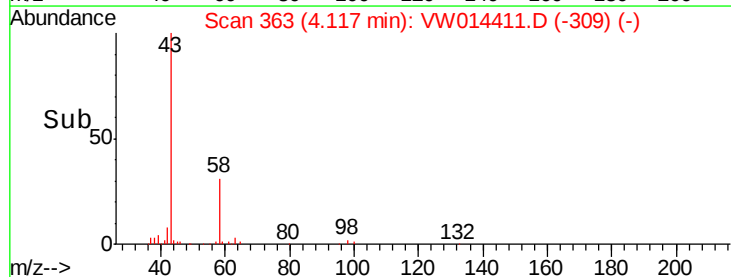
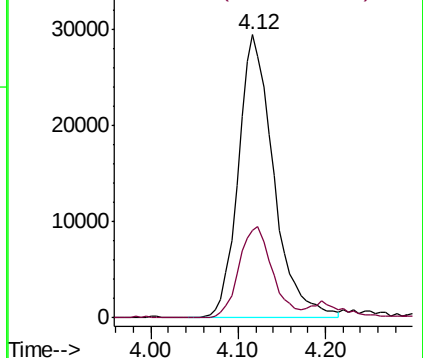
43 100

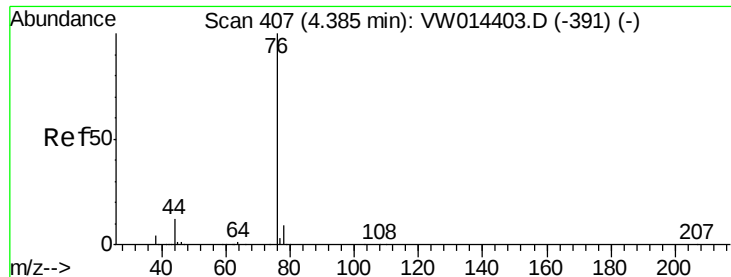
58 30.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

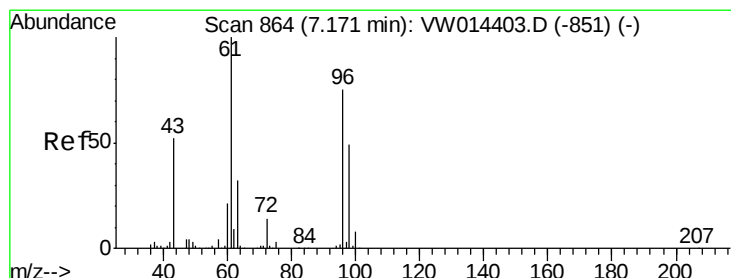
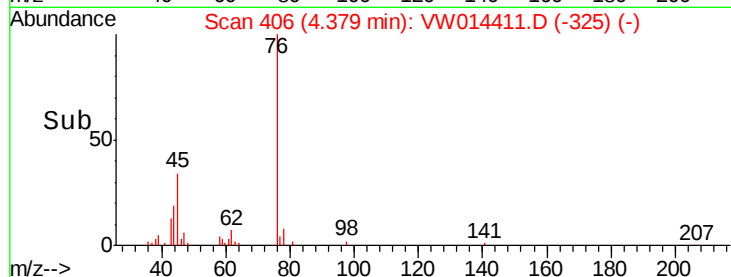
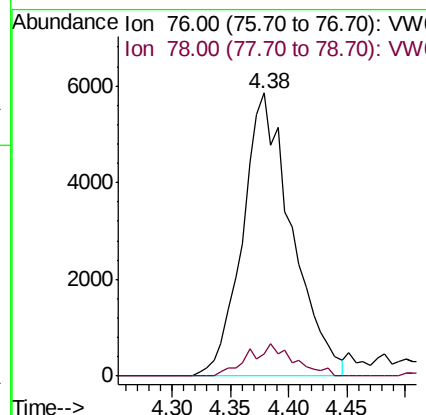
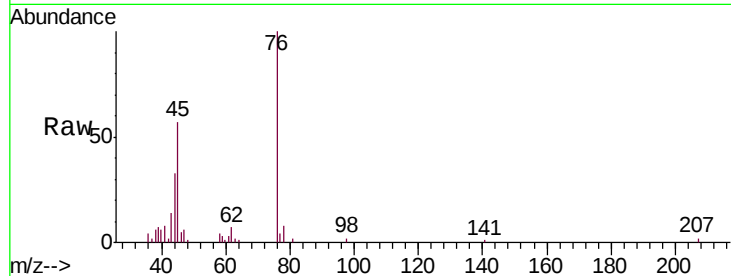




#14
Carbon disulfide
Concen: 0.491 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014411.D
Acq: 18 Dec 2019 00:01

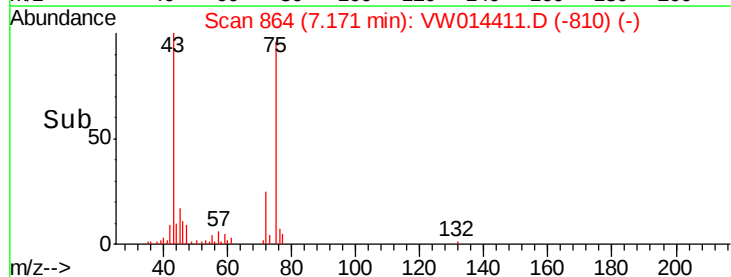
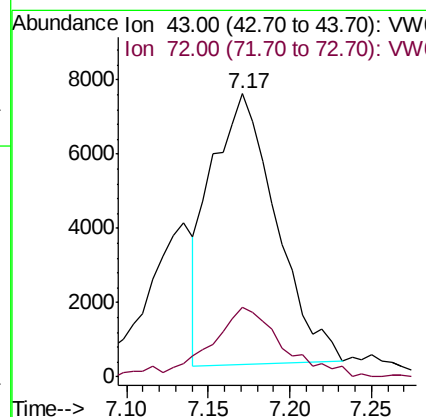
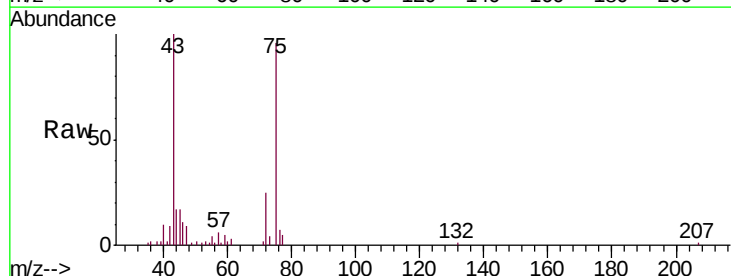
Instrument :
MSVOA_W
ClientSampled :
BFEX8

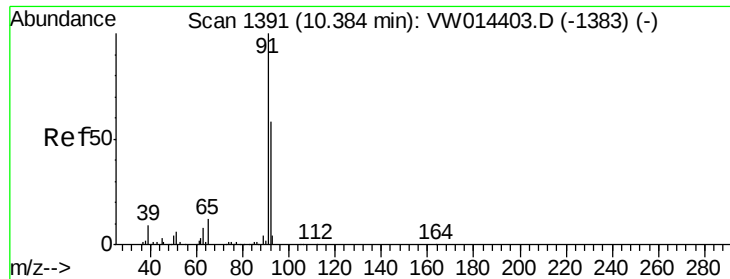
Tgt Ion: 76 Resp: 17310
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#21
2-Butanone
Concen: 4.566 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW014411.D
Acq: 18 Dec 2019 00:01

Tgt Ion: 43 Resp: 20089
Ion Ratio Lower Upper
43 100
72 27.5 14.1 42.2





#44

Toluene

Concen: 0.635 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014411.D

Acq: 18 Dec 2019 00:01

Instrument :

MSVOA_W

ClientSampleId :

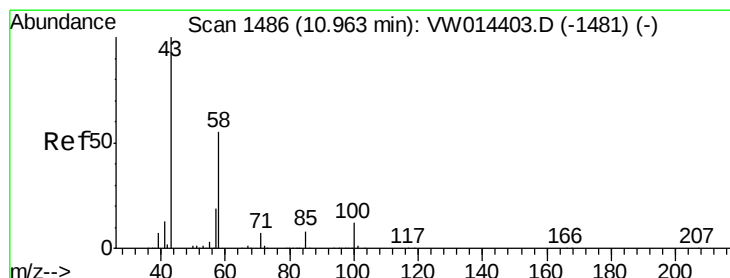
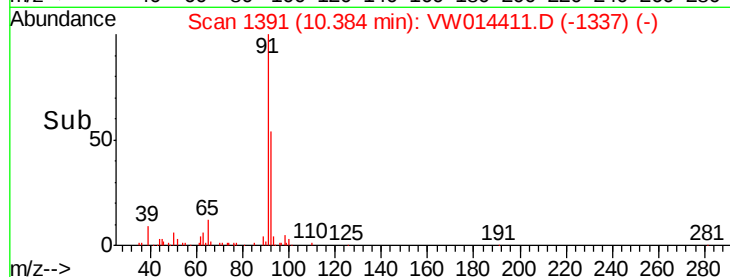
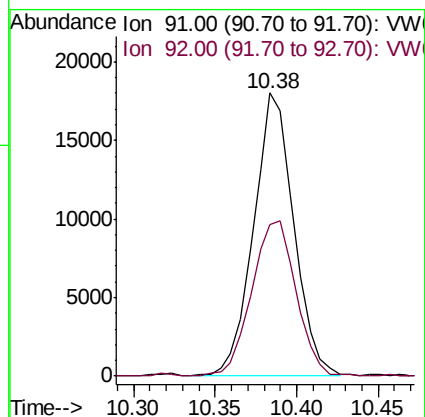
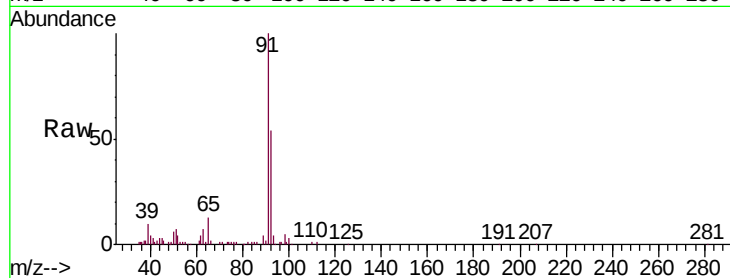
BFEX8

Tgt Ion: 91 Resp: 30856

Ion Ratio Lower Upper

91 100

92 53.6 40.7 75.7



#49

2-Hexanone

Concen: 7.291 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.01 min

Lab File: VW014411.D

Acq: 18 Dec 2019 00:01

Tgt Ion: 43 Resp: 40753

Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 0.0 16.5 24.7#

100 0.8 11.1 16.7#

