

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009758.D
 Acq On : 06 Apr 2019 05:41
 Operator : SY/VA
 Sample : K2188-09
 Misc : 5.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF653

Quant Time: Apr 06 07:10:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367252	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116133	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.89	69	110377	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	4.01	63	197599	18.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.08	46	79212	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.65	84	262180	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	171109	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.27	84	502794	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.27	67	158613	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.56%
37) Toluene-d8	10.32	98	436920	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	10.58	79	58038	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.76%
39) 2-Hexanone-d5	10.93	63	51624	46.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123078	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	138000	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

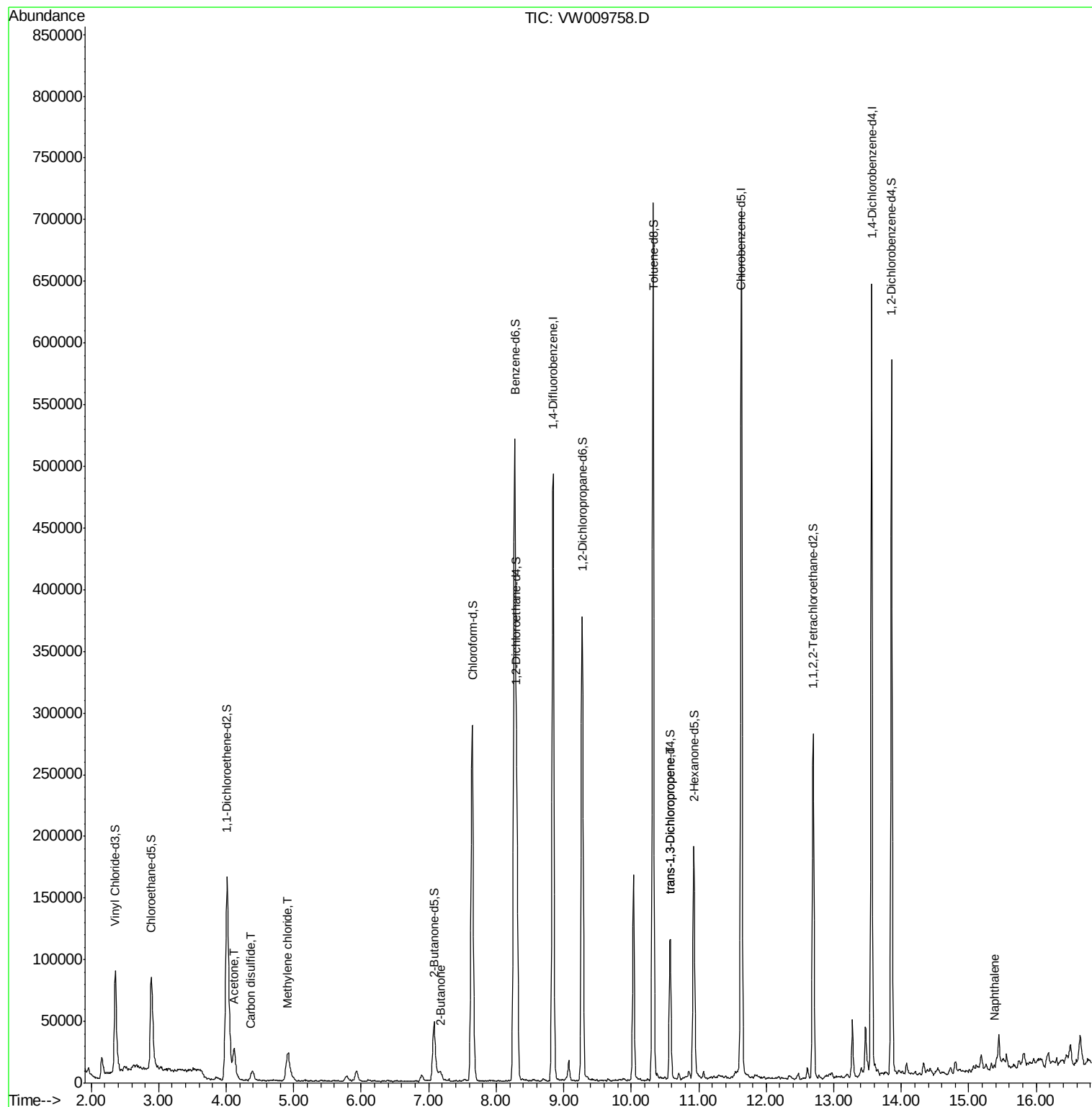
					Qvalue
13) Acetone	4.12	43	42875	24.613 ug/L	96
14) Carbon disulfide	4.37	76	4134	0.262 ug/L #	84
16) Methylene chloride	4.91	84	18857	2.794 ug/L	92
21) 2-Butanone	7.17	43	11163	5.039 ug/L	77
45) trans-1,3-Dichloropropene	10.58	75	3099	0.410 ug/L #	73
69) Naphthalene	15.38	128	3088	0.277 ug/L #	79

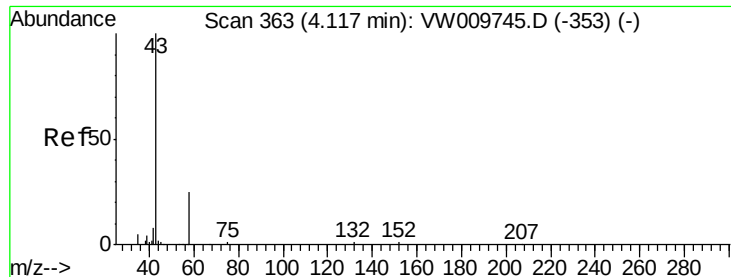
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.613 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

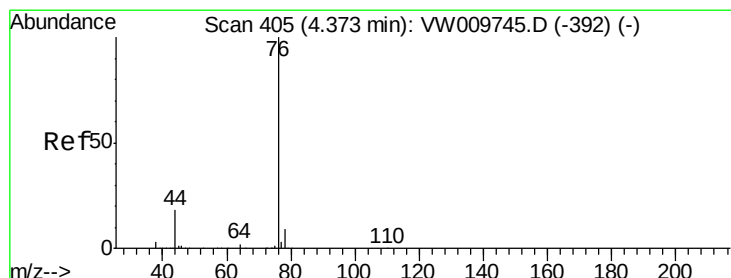
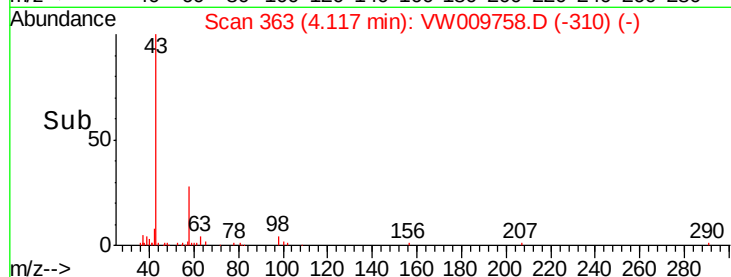
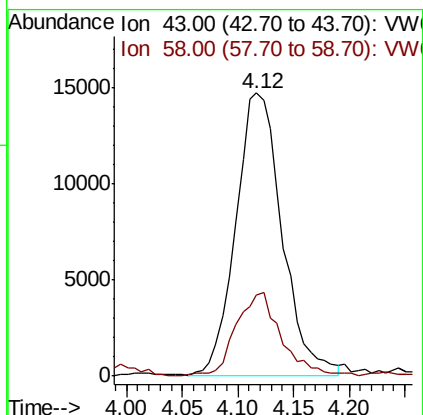
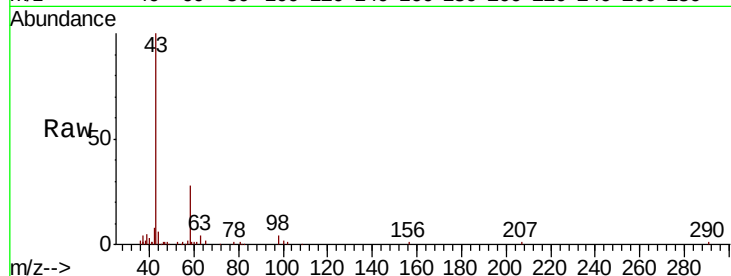
BF653

Tgt Ion: 43 Resp: 42875

Ion Ratio Lower Upper

43 100

58 28.7 0.0 53.0



#14

Carbon disulfide

Concen: 0.262 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009758.D

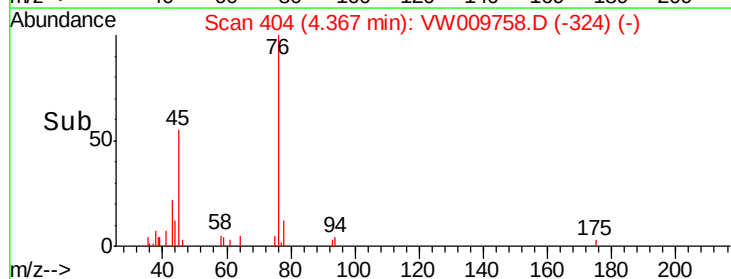
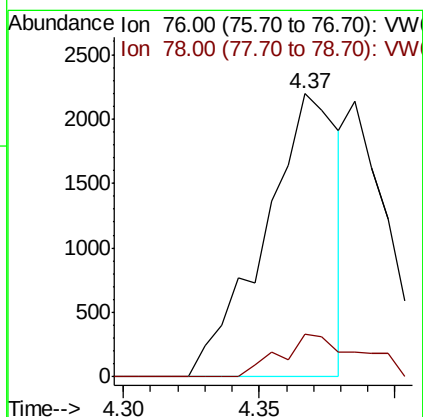
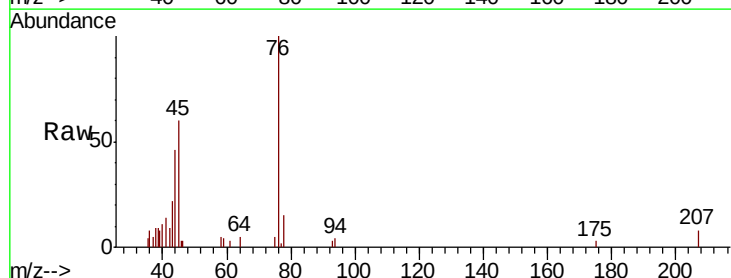
Acq: 06 Apr 2019 05:41

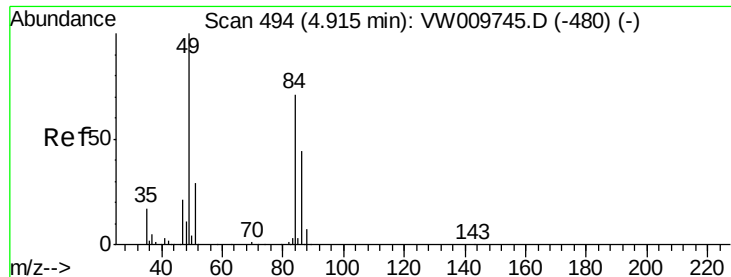
Tgt Ion: 76 Resp: 4134

Ion Ratio Lower Upper

76 100

78 14.9 7.3 10.9#

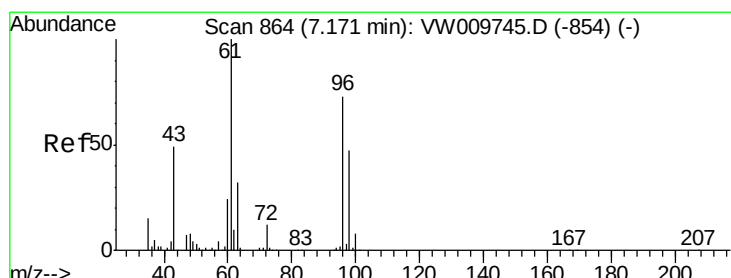
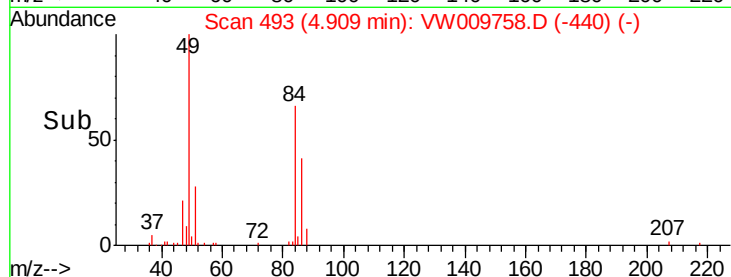
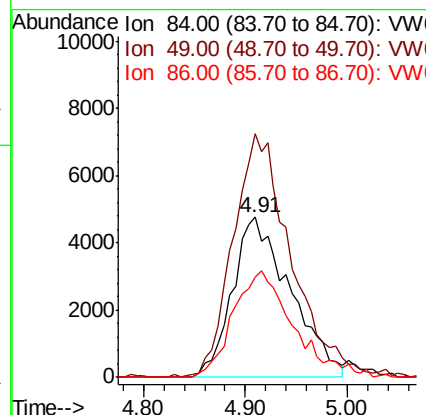
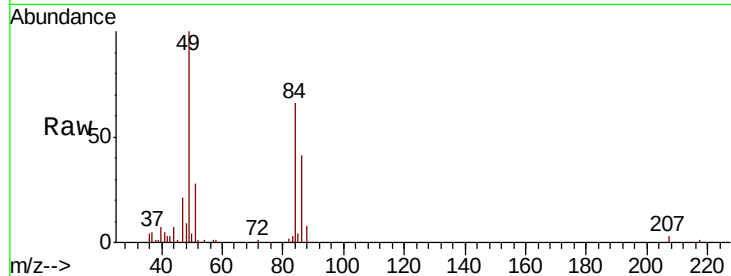




#16
Methylene chloride
Concen: 2.794 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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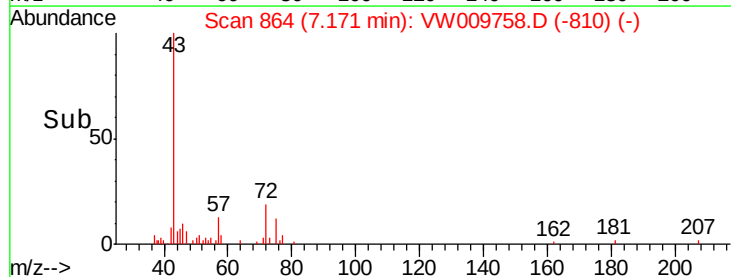
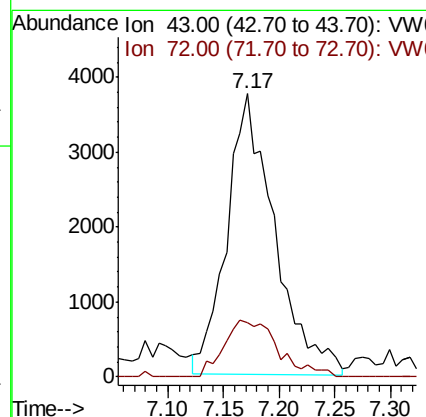
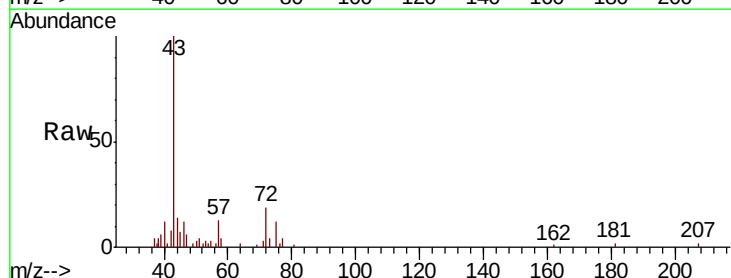
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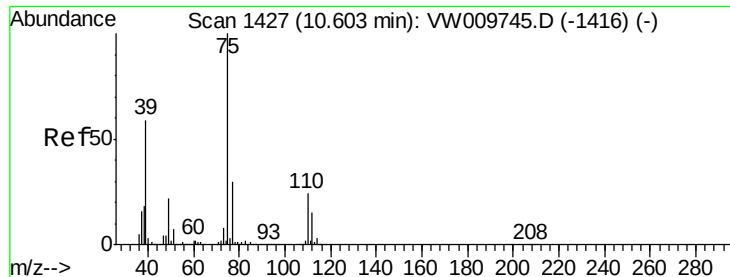
Tgt Ion: 84 Resp: 18857
Ion Ratio Lower Upper
84 100
49 152.3 98.3 182.5
86 62.8 46.4 86.2



#21
2-Butanone
Concen: 5.039 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009758.D
Acq: 06 Apr 2019 05:41

Tgt Ion: 43 Resp: 11163
Ion Ratio Lower Upper
43 100
72 12.9 12.0 36.1





#45

trans-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009758.D

Acq: 06 Apr 2019 05:41

Instrument :

MSVOA_W

ClientSampleId :

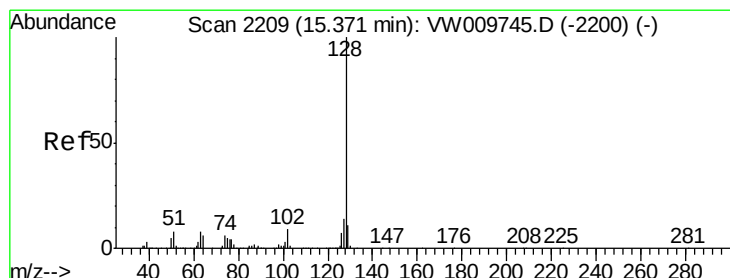
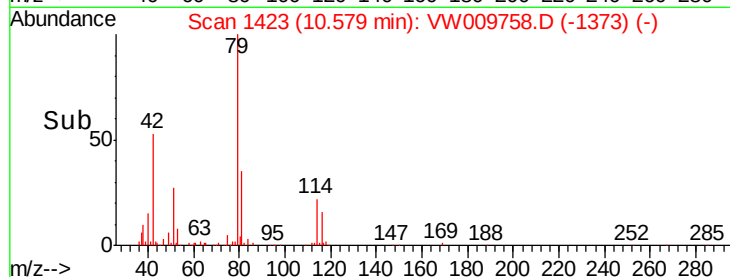
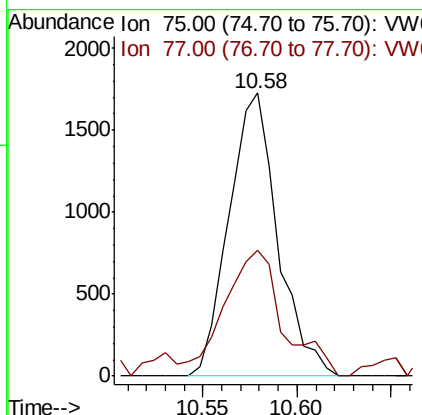
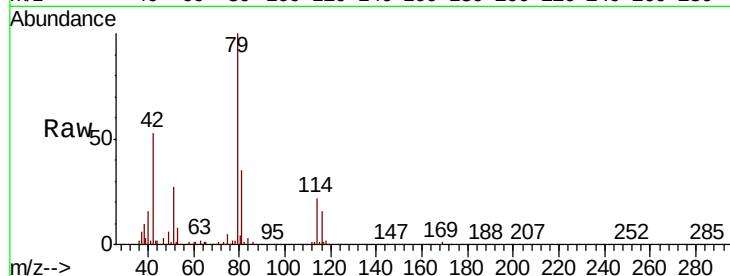
BF653

Tgt Ion: 75 Resp: 3099

Ion Ratio Lower Upper

75 100

77 44.7 21.1 39.3#



#69

Naphthalene

Concen: 0.277 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW009758.D

Acq: 06 Apr 2019 05:41

Tgt Ion: 128 Resp: 3088

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 7.3 10.8 16.2#

