

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010062.D
 Acq On : 19 Apr 2019 12:55
 Operator : SY/VA
 Sample : K2455-01
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85013	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.80%
7) Chloroethane-d5	2.89	69	73329	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.00	63	178266	20.76	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.04%
20) 2-Butanone-d5	7.07	46	69714	41.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.22%
24) Chloroform-d	7.64	84	238871	25.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	8.37	65	166	0.03	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	444885	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	9.27	67	144051	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.68%
37) Toluene-d8	10.32	98	375712	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	10.58	79	57044	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.40%
39) 2-Hexanone-d5	10.93	63	46559	38.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113701	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	131923	26.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.96%

Target Compounds

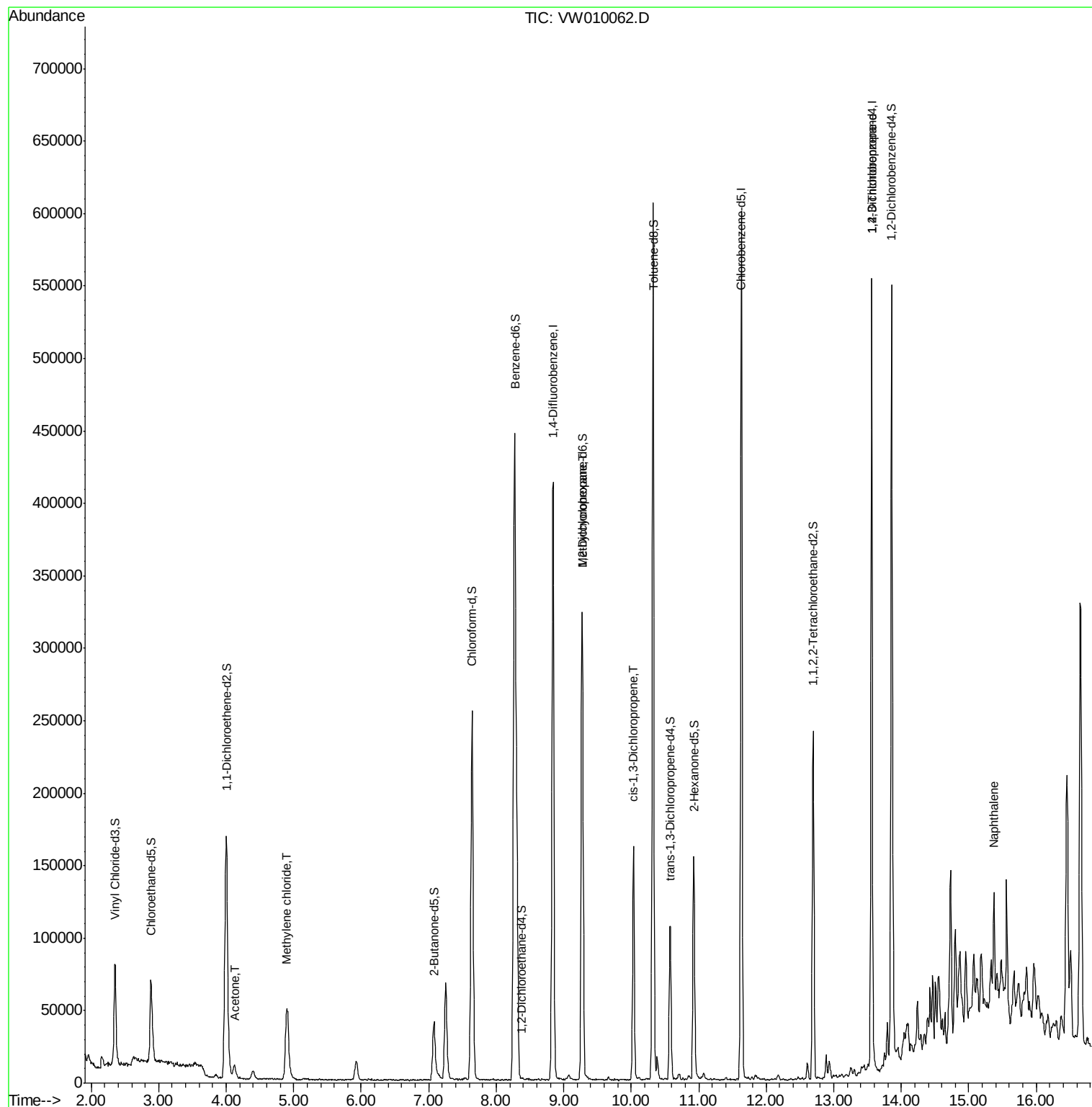
					Ovalue
13) Acetone	4.13	43	14138	9.490	ug/L 73
16) Methylene chloride	4.90	84	36395	6.133	ug/L 93
36) Methylcyclohexane	9.27	83	35239	4.553	ug/L # 16
42) cis-1,3-Dichloropropene	10.03	75	4481	0.593	ug/L # 68
59) 1,2,3-Trichloropropane	13.56	75	18057	4.800	ug/L 92
69) Naphthalene	15.37	128	57752	5.656	ug/L # 95

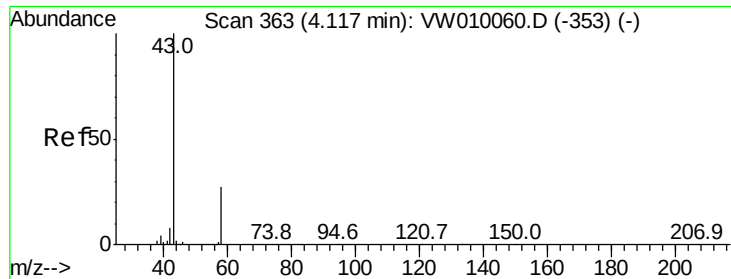
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.490 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010062.D

Acq: 19 Apr 2019 12:55

Instrument :

MSVOA_W

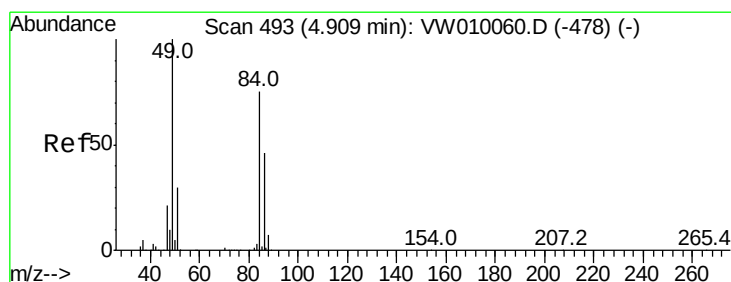
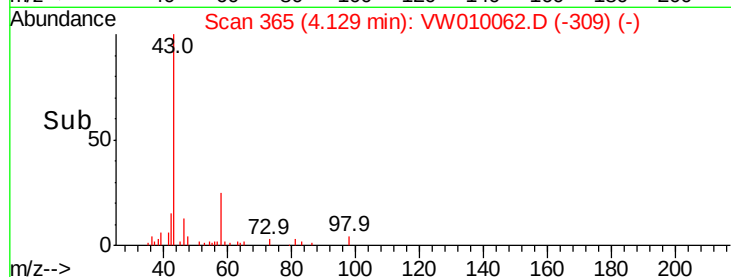
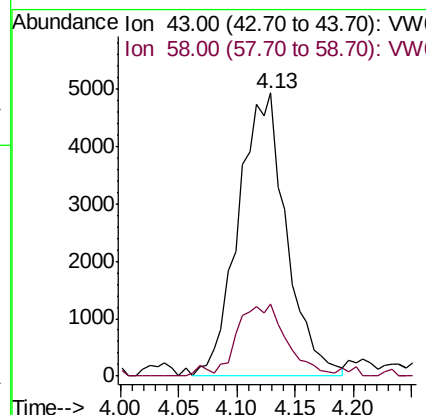
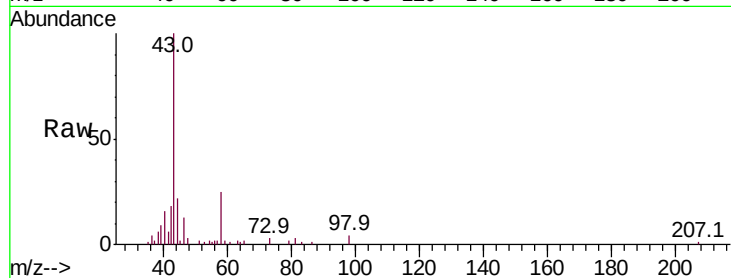
ClientSampled :

Tot Ion: 43 Resp: 14138

Ion Ratio Lower Upper

43 100

58 13.7 0.0 56.2



#16

Methylene chloride

Concen: 6.133 ug/L

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW010062.D

Acq: 19 Apr 2019 12:55

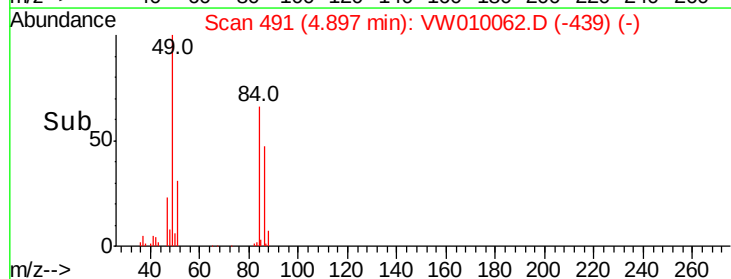
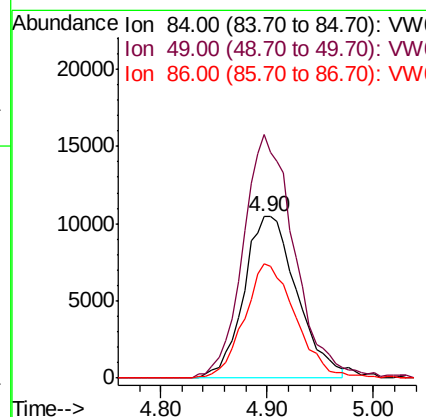
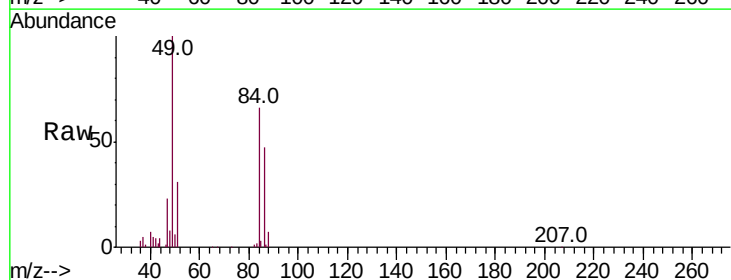
Tgt Ion: 84 Resp: 36395

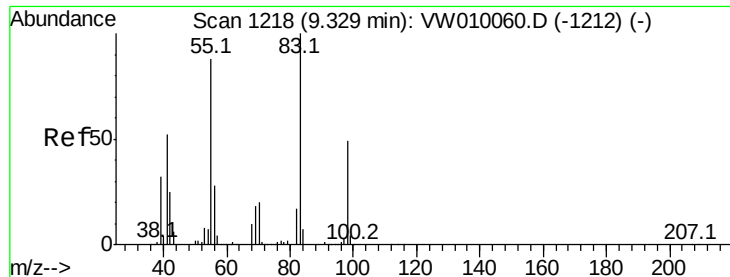
Ion Ratio Lower Upper

84 100

49 150.7 100.7 187.1

86 70.7 43.8 81.3

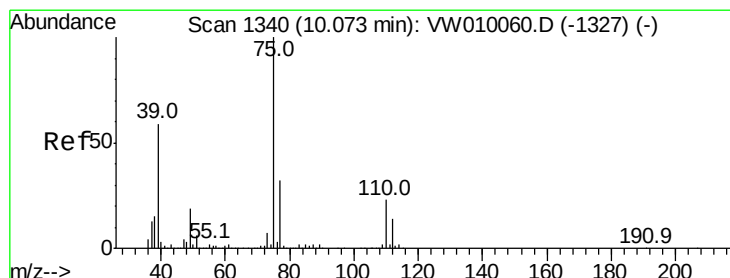
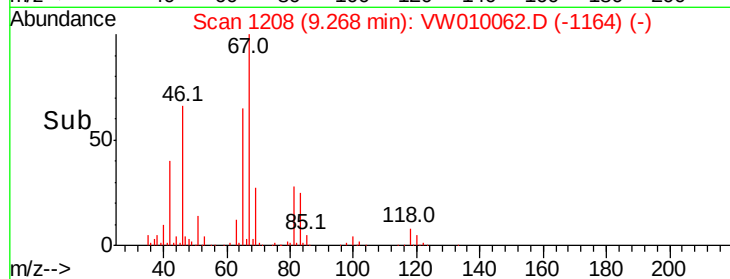
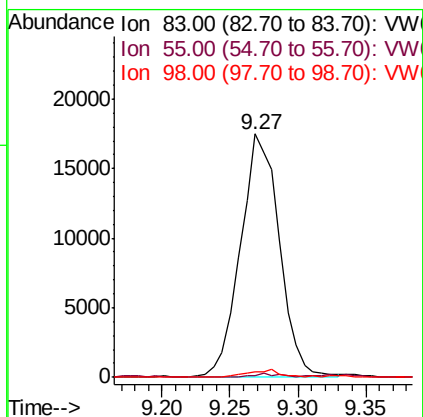
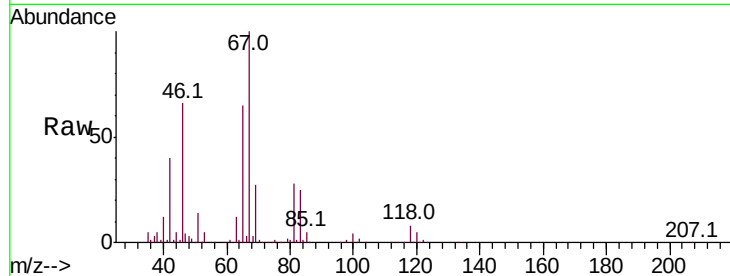




#36
Methylcyclohexane
Concen: 4.553 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW010062.D
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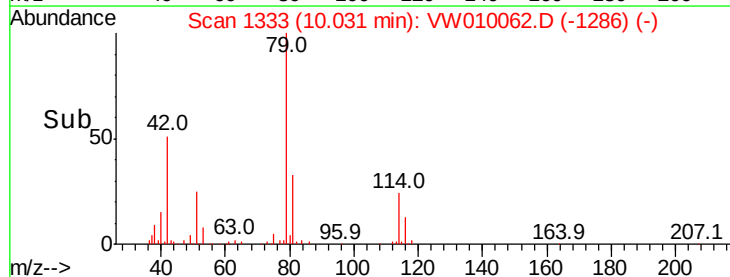
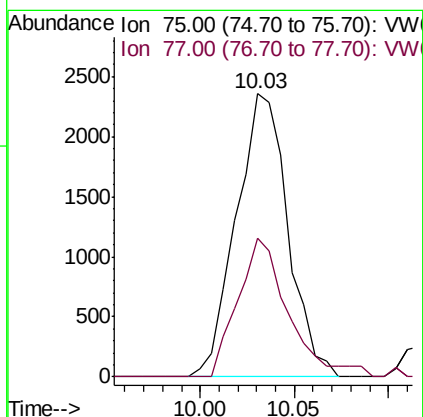
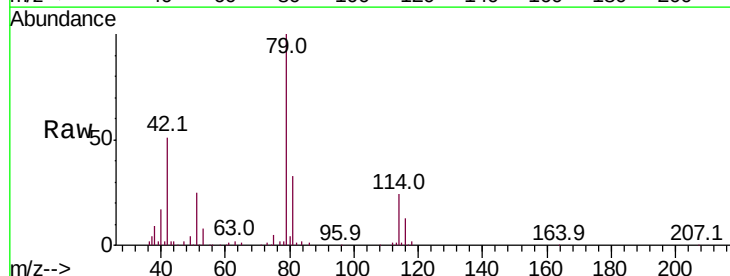
Instrument :
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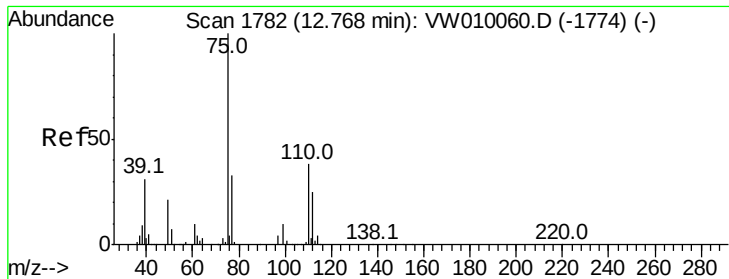
Tot Ion: 83 Resp: 35239
Ion Ratio Lower Upper
83 100
55 0.7 68.4 102.6#
98 1.5 40.0 60.0#



#42
cis-1,3-Dichloropropene
Concen: 0.593 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW010062.D
Acq: 19 Apr 2019 12:55

Tgt Ion: 75 Resp: 4481
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 4.800 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010062.D

Acq: 19 Apr 2019 12:55

Instrument :

MSVOA_W

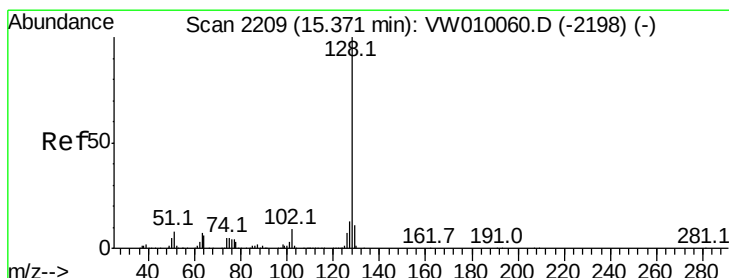
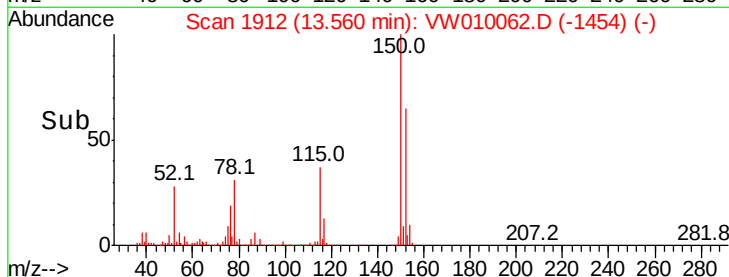
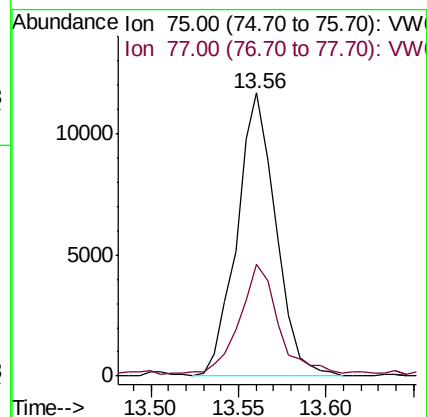
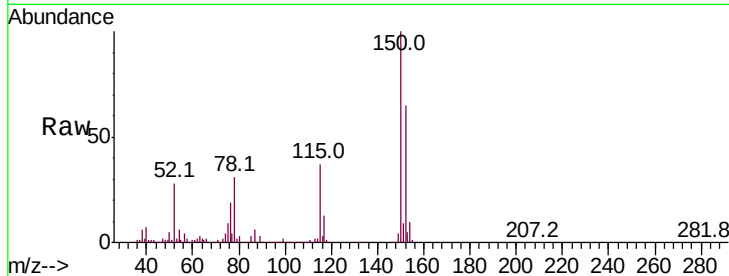
ClientSampled :

Tot Ion: 75 Resp: 18057

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.6



#69

Naphthalene

Concen: 5.656 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010062.D

Acq: 19 Apr 2019 12:55

Tgt Ion: 128 Resp: 57752

Ion Ratio Lower Upper

128 100

129 13.6 8.6 12.8#

127 14.6 10.6 16.0

