

Data File : VW014078.D
Acq On : 19 Nov 2019 11:42
Operator : SY/VA
Sample : K5845-02
Misc : 3.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLW6

Quant Time: Nov 20 06:02:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 20 05:59:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	122770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108807	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	2.89	69	102545	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.01	63	179743	16.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.04%
20) 2-Butanone-d5	7.07	46	95381	62.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.64%
24) Chloroform-d	7.65	84	271319	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	149509	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.08%
29) Benzene-d6	8.27	84	566107	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.27	67	174850	29.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.80%
37) Toluene-d8	10.32	98	485193	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.57	79	64748	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.72%
39) 2-Hexanone-d5	10.92	63	75745	67.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138834	31.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133024	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

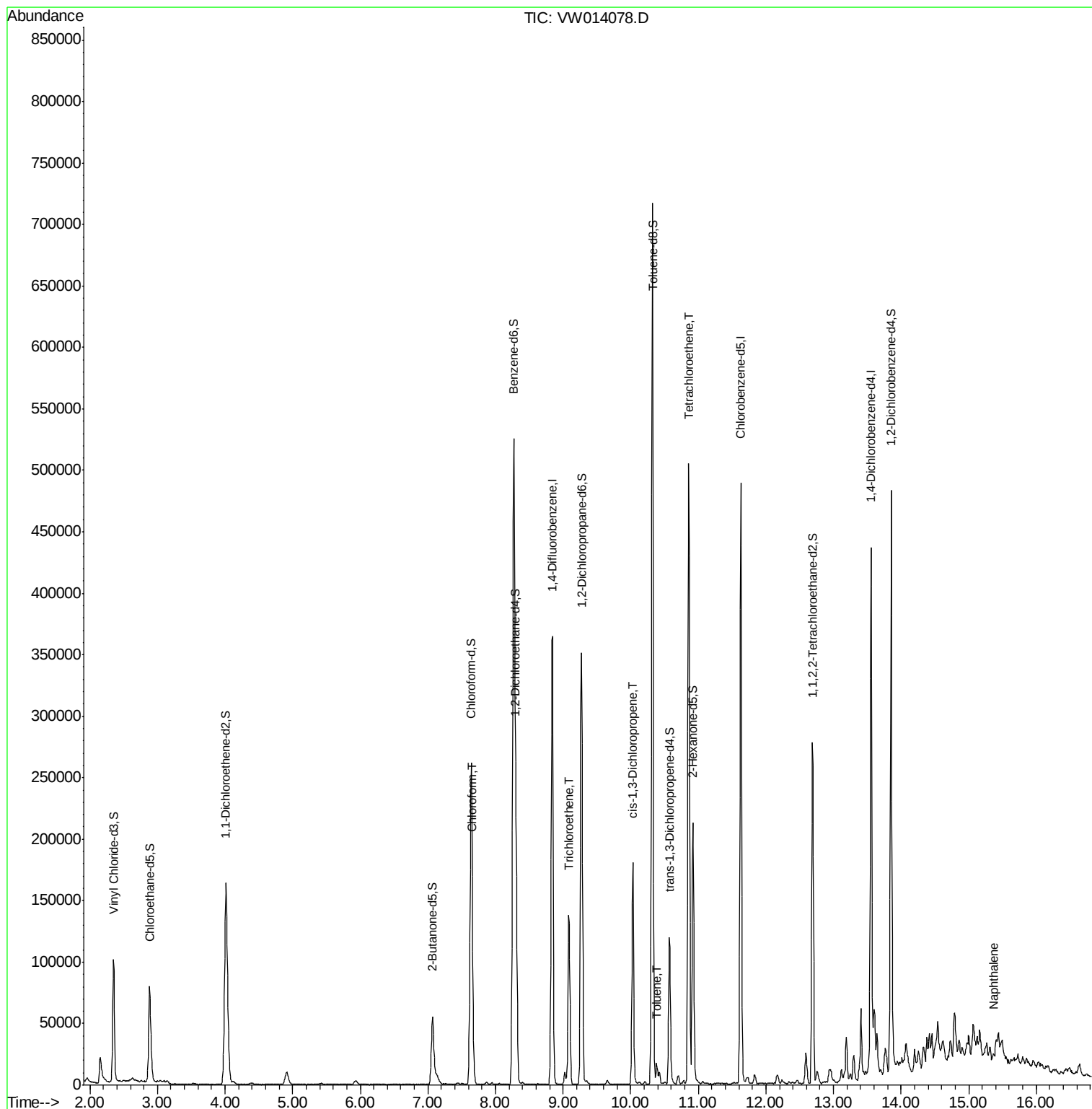
					Qvalue	
25) Chloroform	7.66	83	6911	0.725	ug/L #	54
35) Trichloroethene	9.09	95	47269	8.528	ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	4307	0.546	ug/L #	47
44) Toluene	10.39	91	10589	0.467	ug/L	91
47) Tetrachloroethene	10.86	164	124424	25.184	ug/L	99
69) Naphthalene	15.36	128	4315	0.470	ug/L #	92

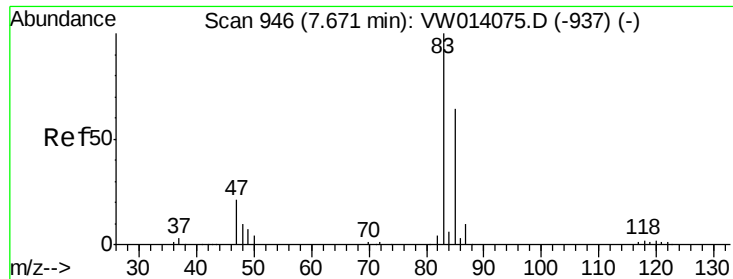
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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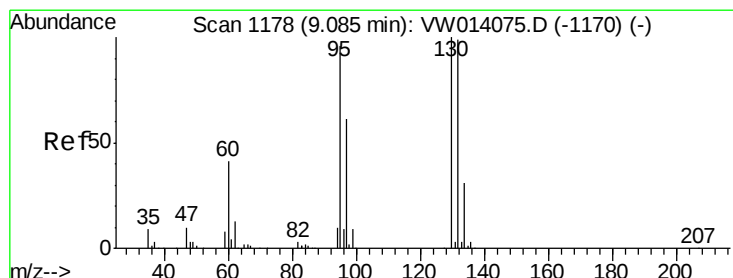
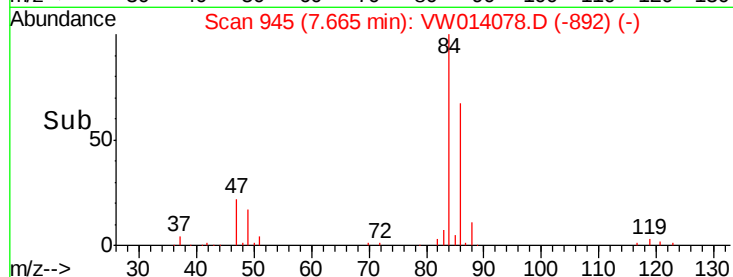
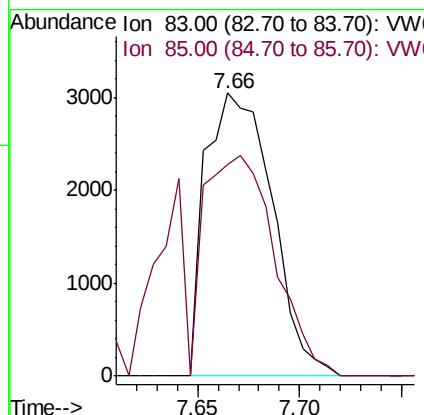
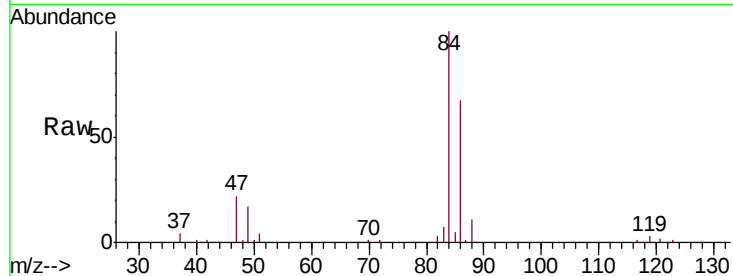




#25
Chloroform
Concen: 0.725 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014078.D
Acq: 19 Nov 2019 11:42

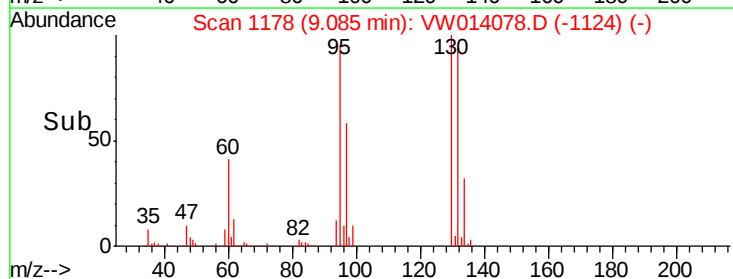
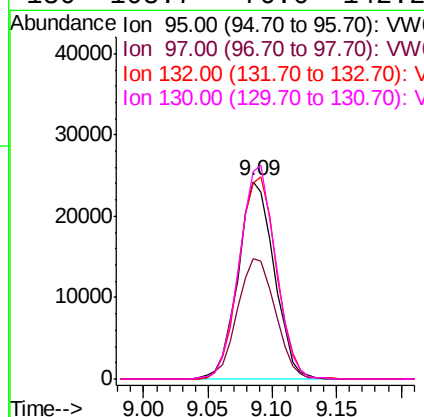
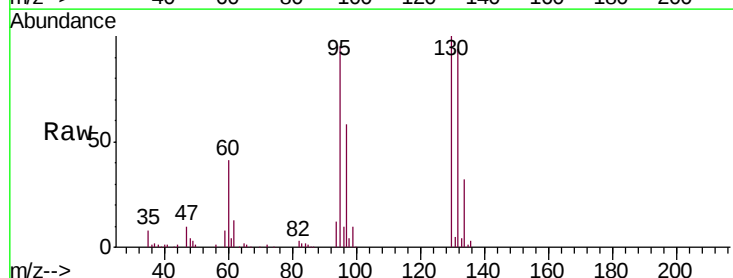
Instrument :
MSVOA_W
ClientSampleId :
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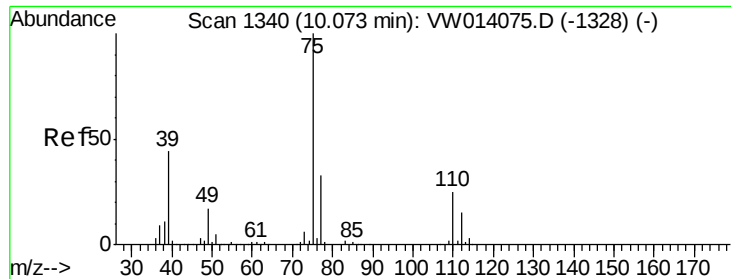
Tgt Ion: 83 Resp: 6911
Ion Ratio Lower Upper
83 100
85 29.0 46.1 85.7#



#35
Trichloroethene
Concen: 8.528 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014078.D
Acq: 19 Nov 2019 11:42

Tgt Ion: 95 Resp: 47269
Ion Ratio Lower Upper
95 100
97 63.9 45.1 83.9
132 105.7 73.7 136.9
130 108.7 76.6 142.2

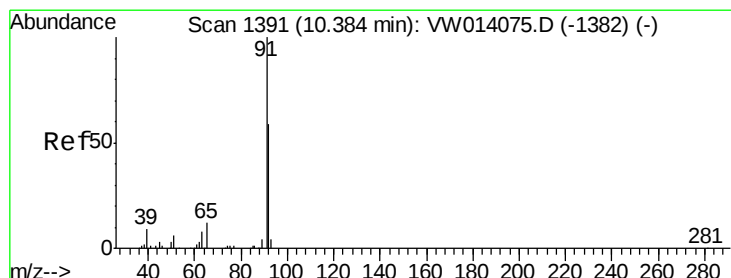
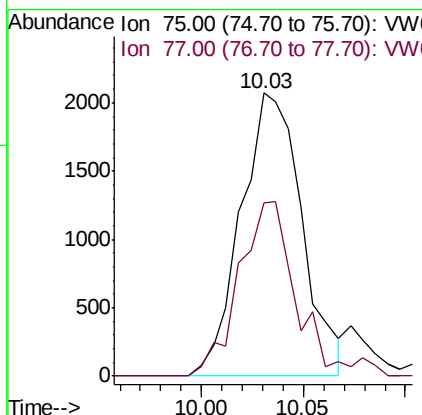
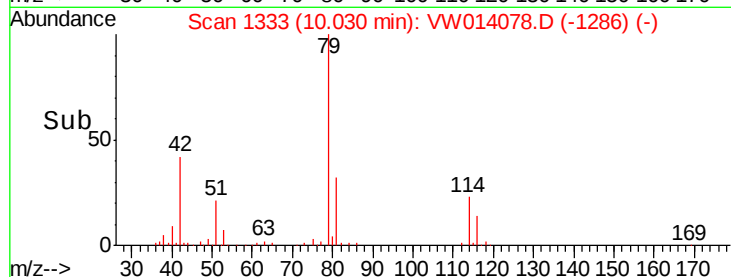
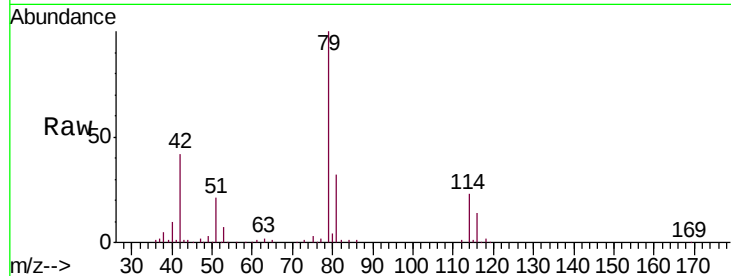




#42
 cis-1,3-Dichloropropene
 Concen: 0.546 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014078.D
 Acq: 19 Nov 2019 11:42

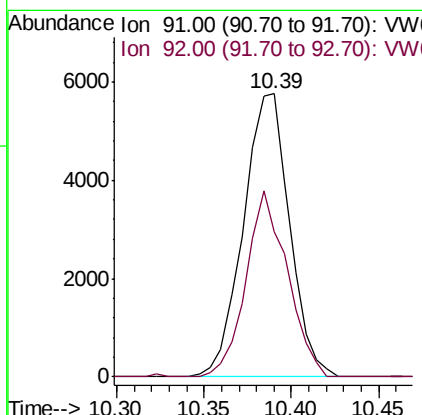
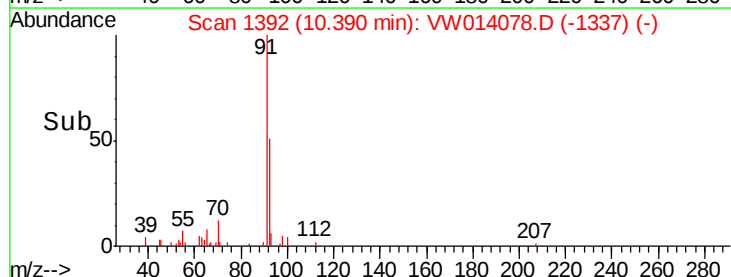
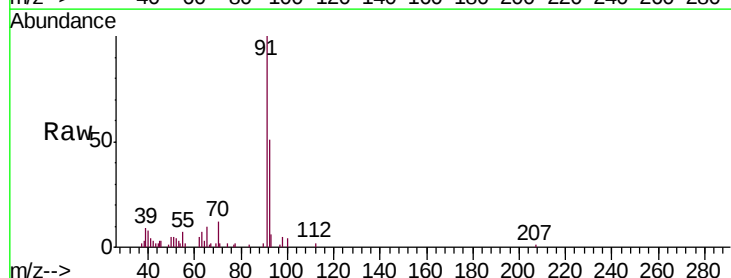
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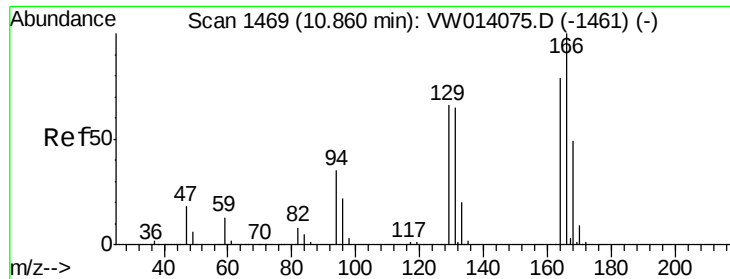
Tgt Ion: 75 Resp: 4307
 Ion Ratio Lower Upper
 75 100
 77 61.1 22.1 41.1#



#44
 Toluene
 Concen: 0.467 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW014078.D
 Acq: 19 Nov 2019 11:42

Tgt Ion: 91 Resp: 10589
 Ion Ratio Lower Upper
 91 100
 92 51.3 40.7 75.7





#47

Tetrachloroethene

Concen: 25.184 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

BFLW6

Tgt Ion:164 Resp: 124424

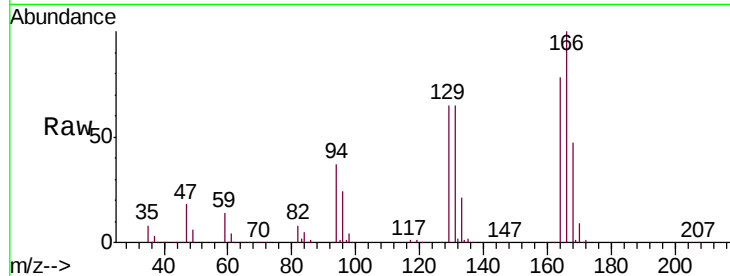
Ion Ratio Lower Upper

164 100

129 83.8 60.6 112.6

131 84.1 59.1 109.7

166 128.9 90.8 168.6



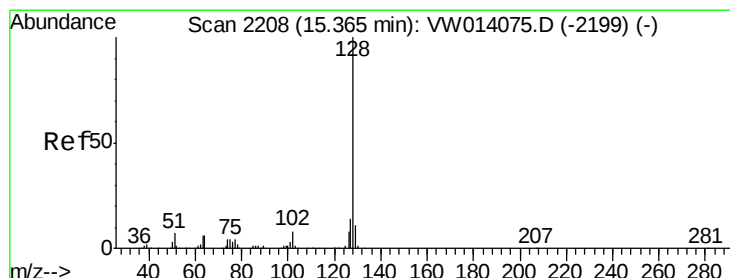
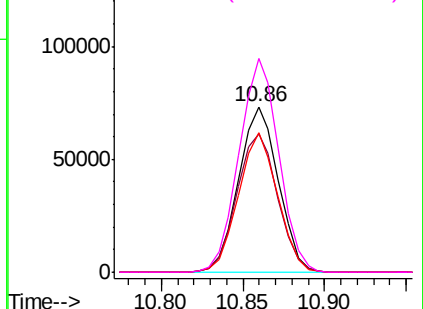
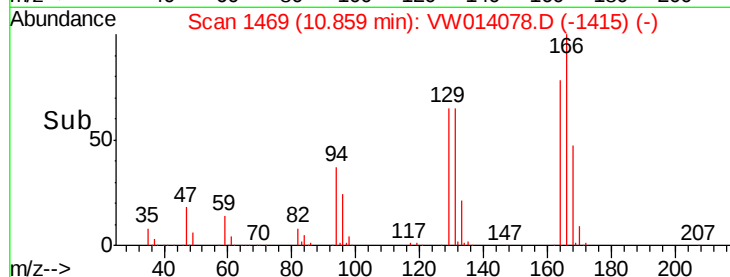
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#69

Naphthalene

Concen: 0.470 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

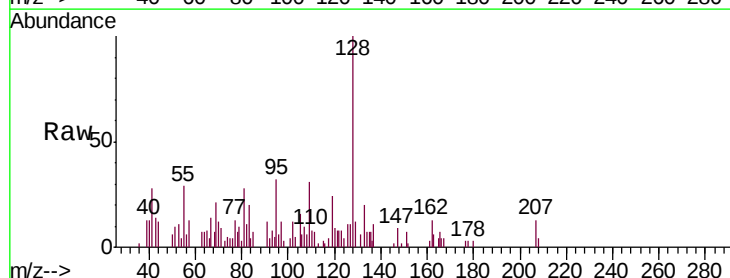
Tgt Ion:128 Resp: 4315

Ion Ratio Lower Upper

128 100

129 8.1 8.8 13.2#

127 9.6 10.4 15.6#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

