

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014639.D
 Acq On : 14 Jan 2020 17:58
 Operator : SY/VA
 Sample : L1109-18
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:52:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128911	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	121276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33908	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42976	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
7) Chloroethane-d5	2.88	69	38290	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
10) 1,1-Dichloroethene-d2	4.02	63	63551	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	7.08	46	22375	51.74	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.48%
24) Chloroform-d	7.65	84	83726	28.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.92%
26) 1,2-Dichloroethane-d4	8.31	65	48159	31.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.16%
29) Benzene-d6	8.27	84	176634	27.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.56%
33) 1,2-Dichloropropane-d6	9.27	67	55160	28.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.80%
37) Toluene-d8	10.32	98	140935	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	20704	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.40%
39) 2-Hexanone-d5	10.93	63	12274	37.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	43076	29.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	36570	32.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.92%#

Target Compounds

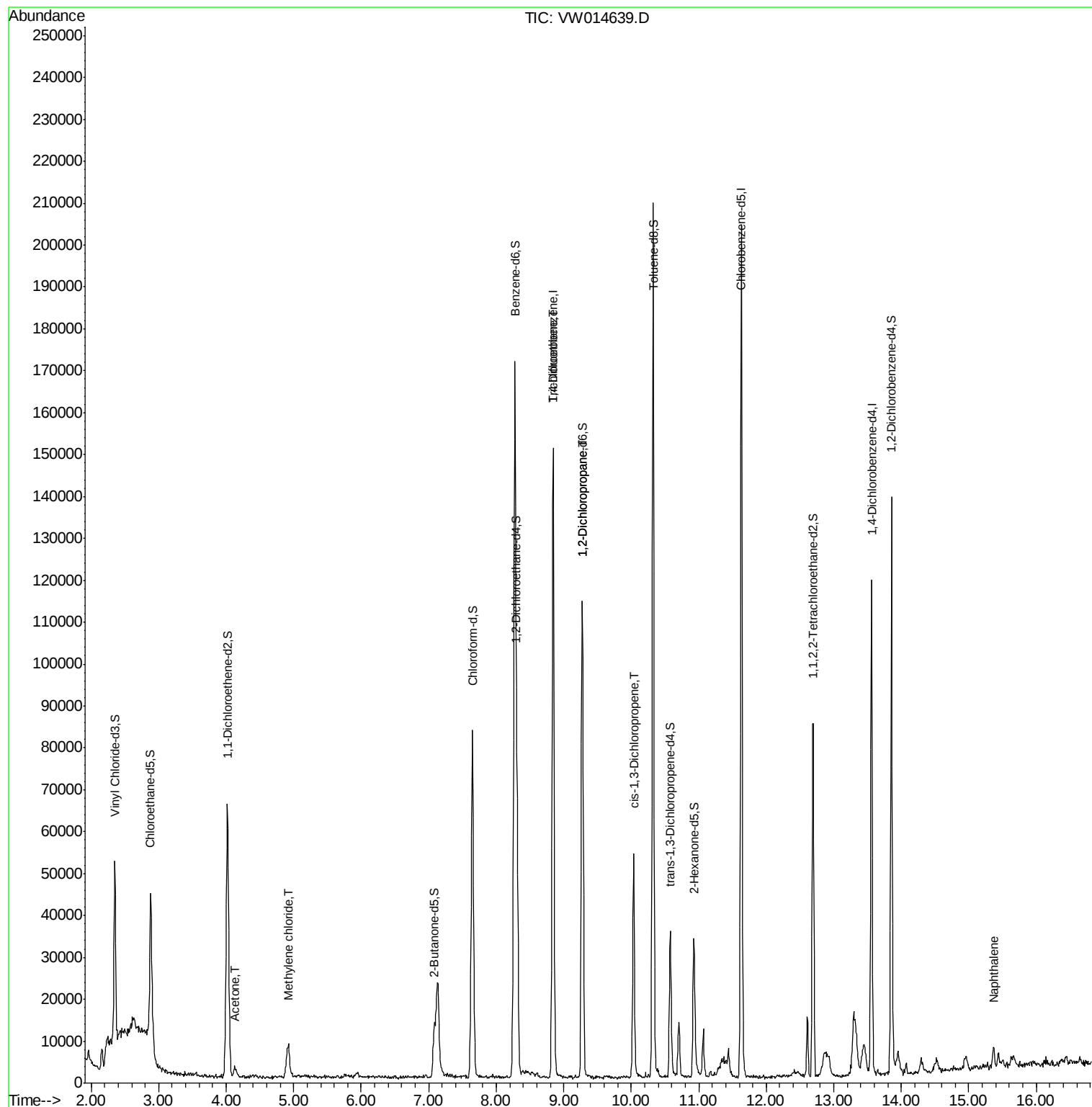
					Ovalue
13) Acetone	4.13	43	2302	3.845 ug/L	77
16) Methylene chloride	4.91	84	5957	2.834 ug/L	84
35) Trichloroethene	8.85	95	3787	2.011 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5932	3.211 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1337	0.485 ug/L #	83
69) Naphthalene	15.36	128	4890	2.376 ug/L	99

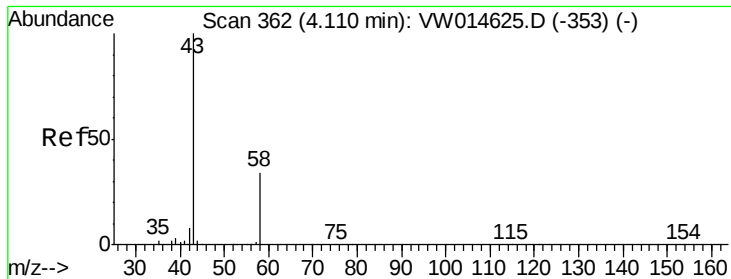
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 01:48:42 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.845 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.02 min

Lab File: VW014639.D

Acq: 14 Jan 2020 17:58

Instrument :

MSVOA_W

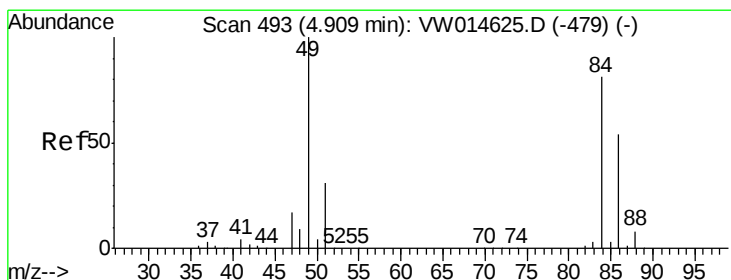
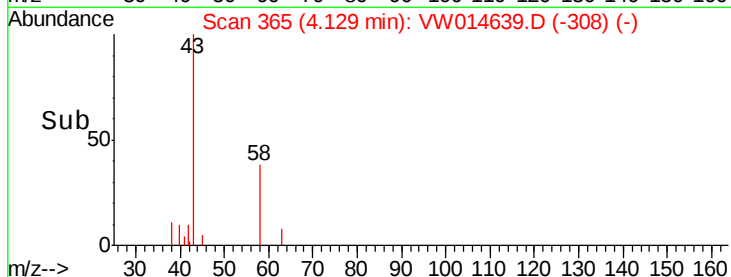
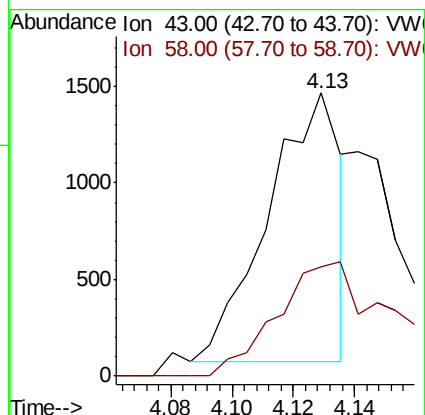
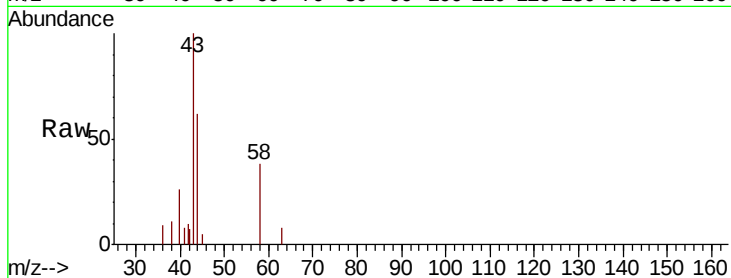
ClientSampleId :

Tot Ion: 43 Resp: 2302

Ion Ratio Lower Upper

43 100

58 44.8 0.0 64.0



#16

Methylene chloride

Concen: 2.834 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014639.D

Acq: 14 Jan 2020 17:58

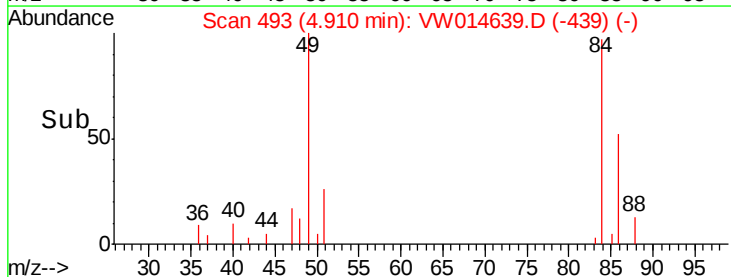
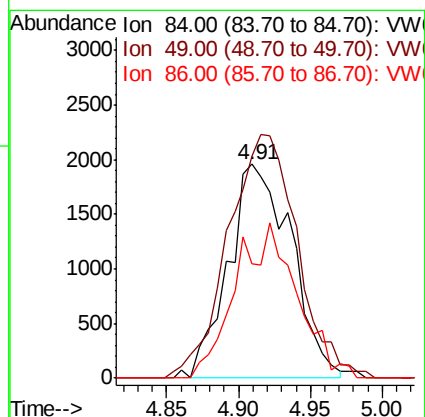
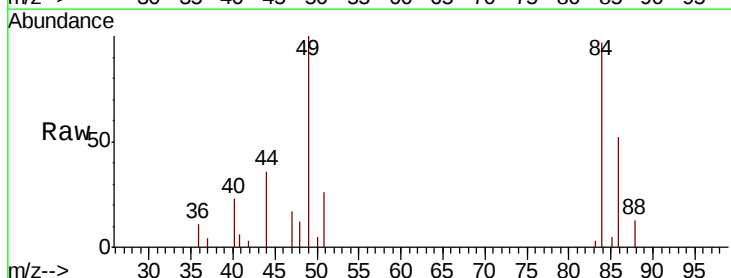
Tgt Ion: 84 Resp: 5957

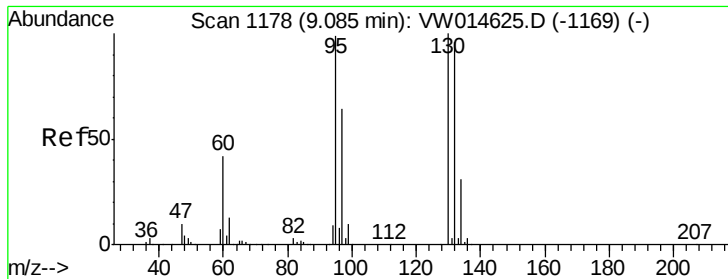
Ion Ratio Lower Upper

84 100

49 103.6 85.8 159.4

86 53.3 44.5 82.7

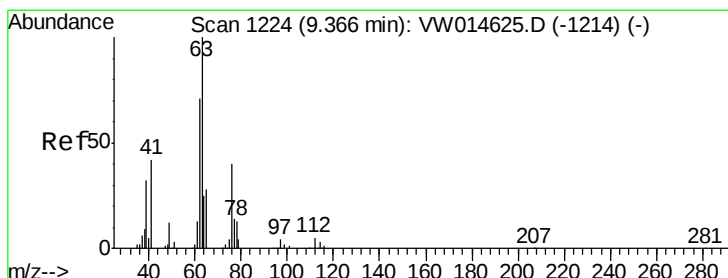
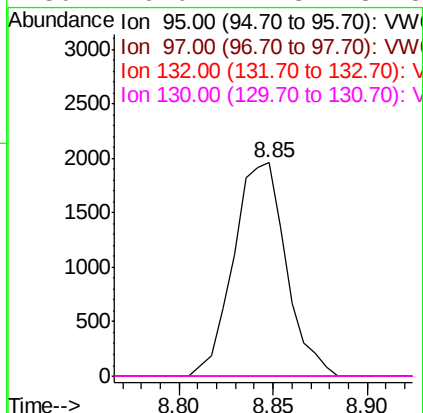
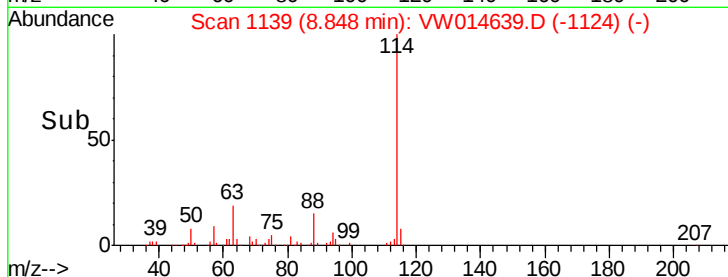
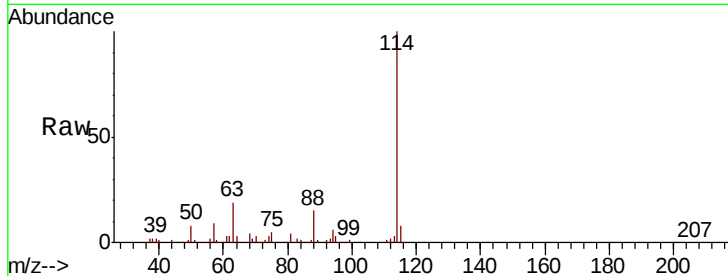




#35
 Trichloroethene
 Concen: 2.011 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW014639.D
 Acq: 14 Jan 2020 17:58

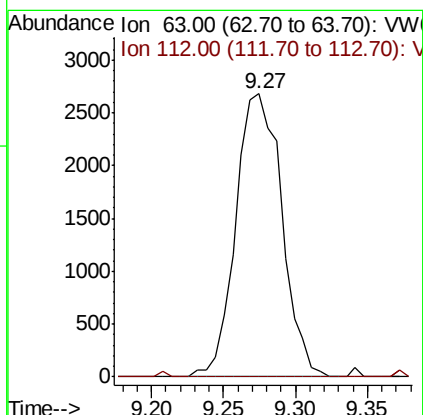
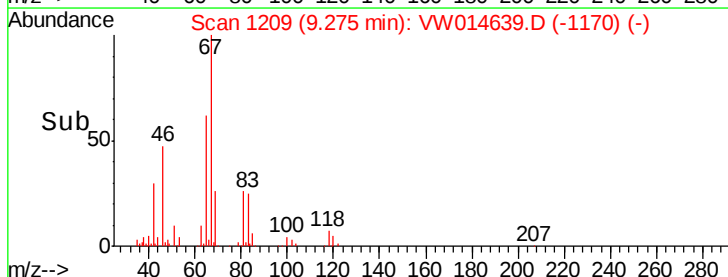
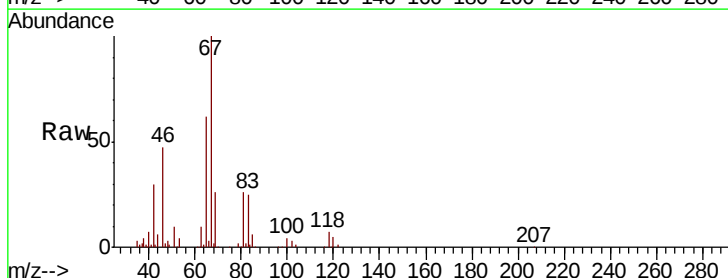
Instrument :
 MSVOA_W
 ClientSampleId :

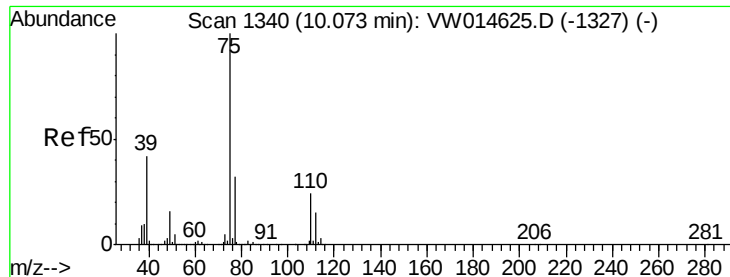
Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	69.2	128.6#
130	0.0	72.3	134.3#



#40
 1,2-Dichloropropane
 Concen: 3.211 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014639.D
 Acq: 14 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014639.D

Acq: 14 Jan 2020 17:58

Instrument :

MSVOA_W

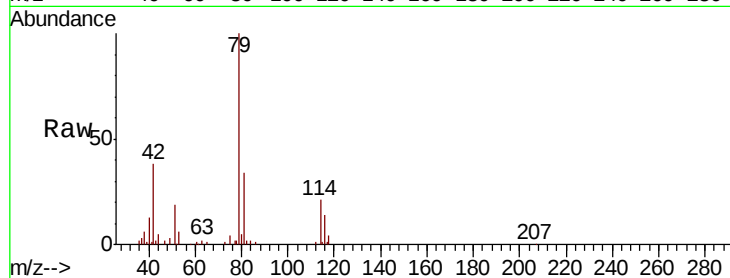
ClientSampleId :

Tot Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 39.5 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

800

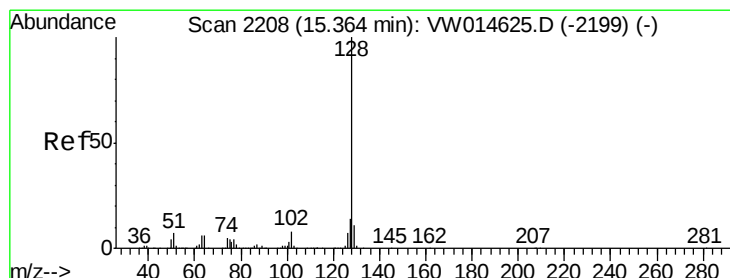
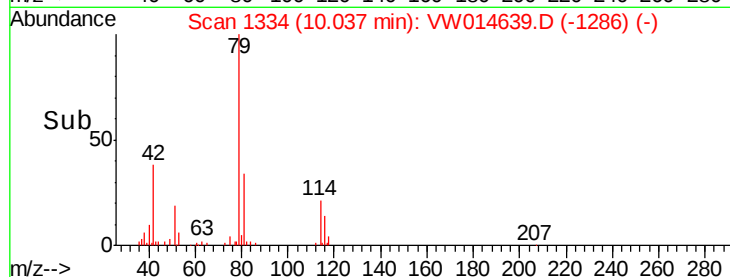
600

400

200

0

Time-->



#69

Naphthalene

Concen: 2.376 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014639.D

Acq: 14 Jan 2020 17:58

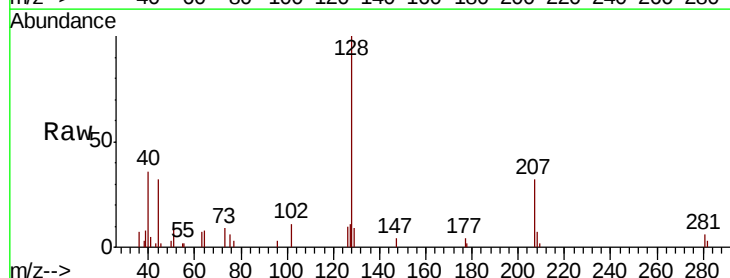
Tgt Ion: 128 Resp: 4890

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.5 10.6 16.0



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

15.36

3000

2000

1000

0

Time-->

