

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025608.D
 Acq On : 23 Jul 2018 17:54
 Operator : MD/SY
 Sample : J4072-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T0

Quant Time: Jul 24 02:09:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311609	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65438	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.56%
7) Chloroethane-d5	1.68	69	59003	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.42%
11) 1,1-Dichloroethene-d2	2.27	63	107322	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.96%#
21) 2-Butanone-d5	4.18	46	154616	112.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	4.65	84	175935	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	121660	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
32) Benzene-d6	5.35	84	333165	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
36) 1,2-Dichloropropane-d6	6.34	67	111739	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.94%
41) Toluene-d8	7.57	98	311672	43.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.10%
43) trans-1,3-Dichloropropene-	7.85	79	54237	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	112869	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160349	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	141485	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%

Target Compounds

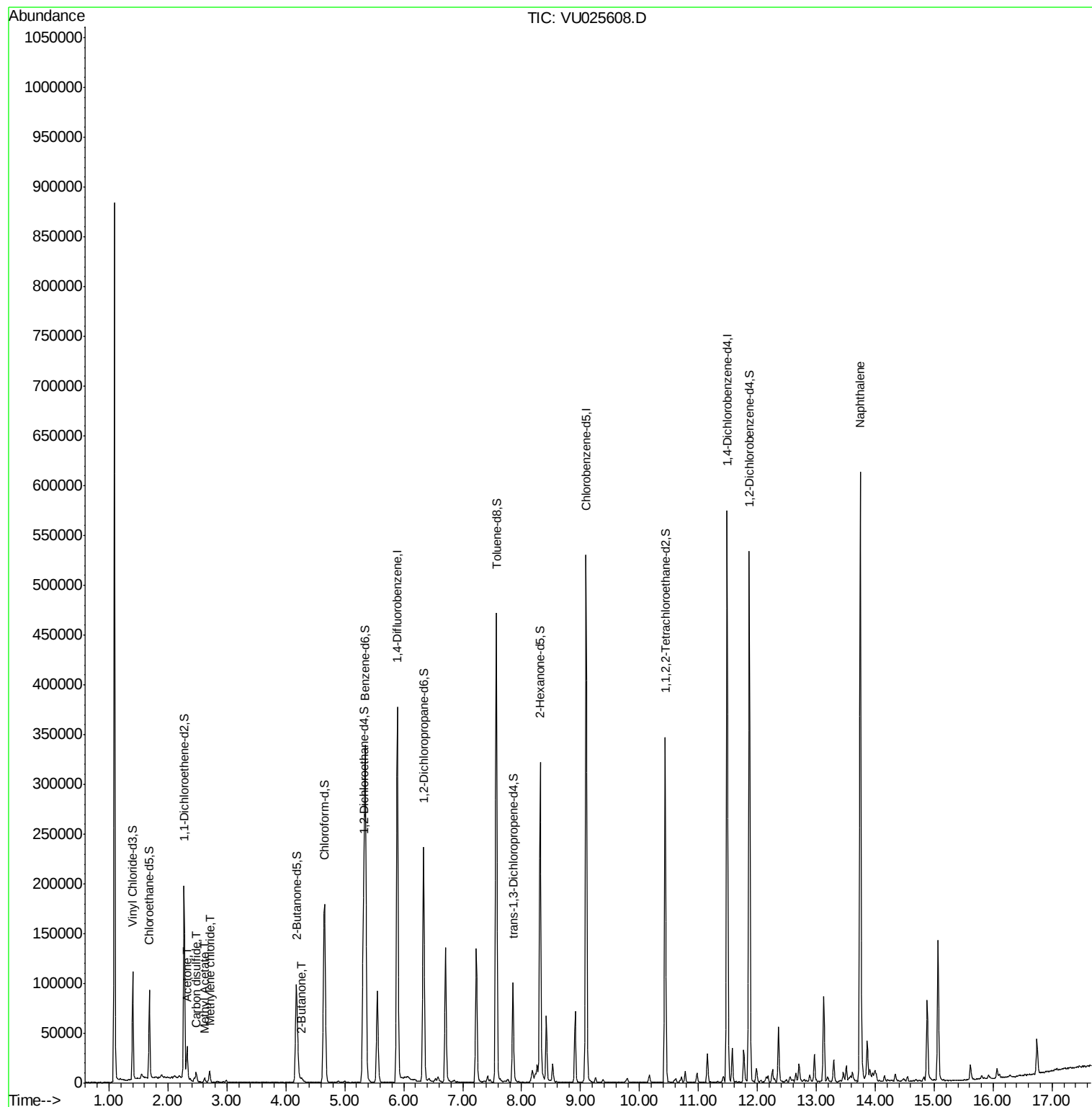
					Ovalue
13) Acetone	2.32	43	33621	20.857	ug/L 100
14) Carbon disulfide	2.48	76	10848	1.894	ug/L # 93
15) Methyl Acetate	2.62	43	4771	2.141	ug/L 99
16) Methylene chloride	2.71	84	4610	2.104	ug/L 93
22) 2-Butanone	4.27	43	5976	3.330	ug/L 78
69) Naphthalene	13.74	128	474068	51.991	ug/L 100

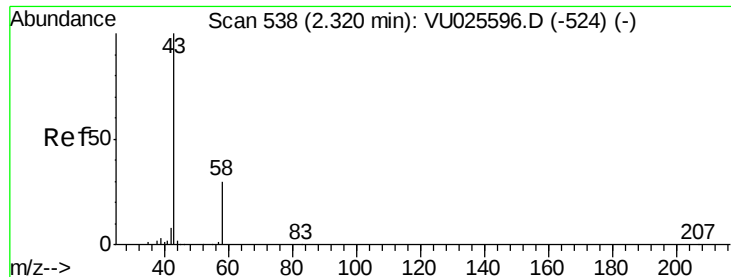
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.857 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025608.D

Acq: 23 Jul 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

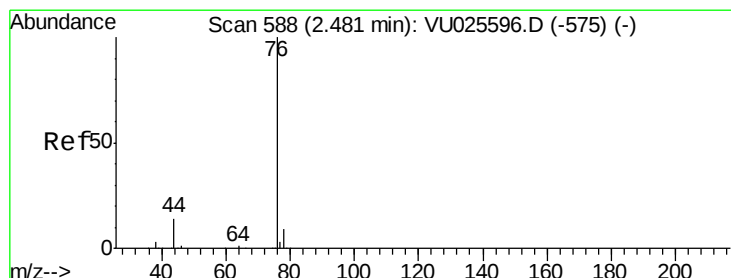
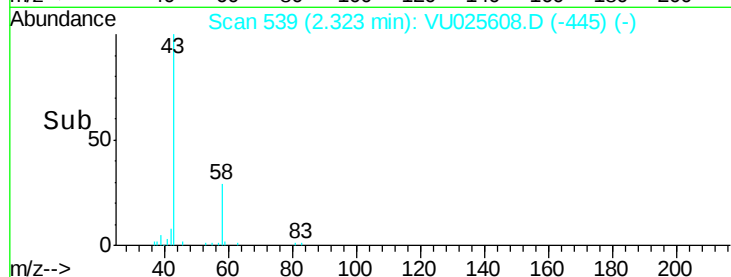
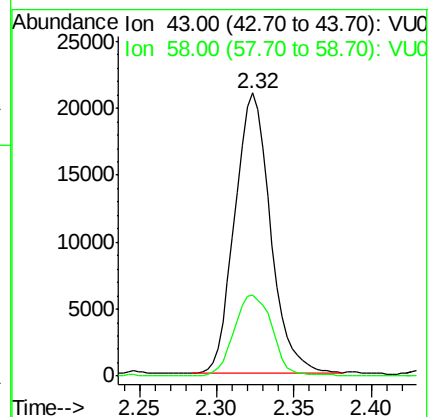
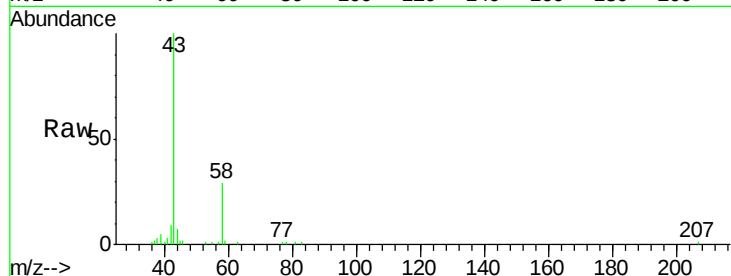
JJ1T0

Tot Ion: 43 Resp: 33621

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.2



#14

Carbon disulfide

Concen: 1.894 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025608.D

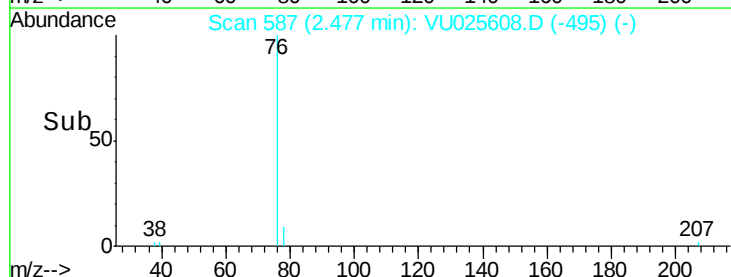
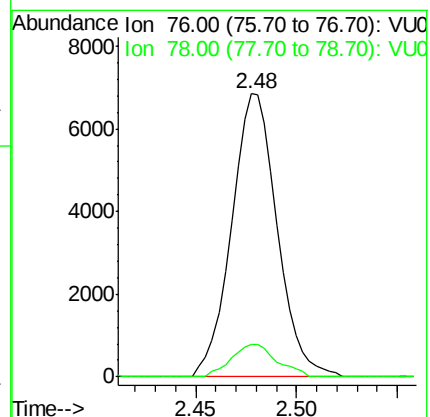
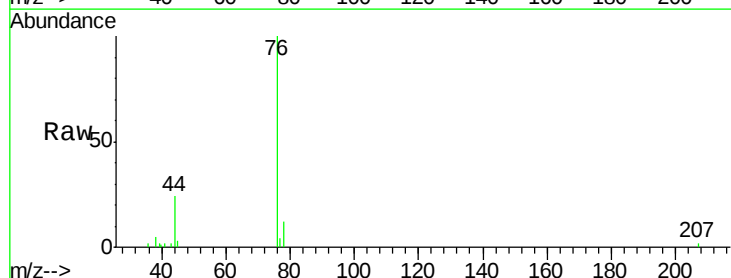
Acq: 23 Jul 2018 17:54

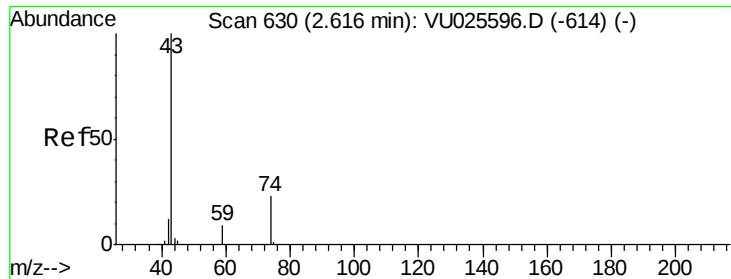
Tgt Ion: 76 Resp: 10848

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.0#





#15

Methvl Acetate

Concen: 2.141 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025608.D

Acq: 23 Jul 2018 17:54

Instrument :

MSVOA_U

ClientSampled :

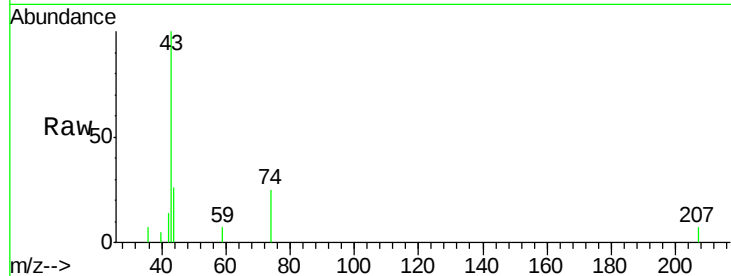
JJ1T0

Tot Ion: 43 Resp: 4771

Ion Ratio Lower Upper

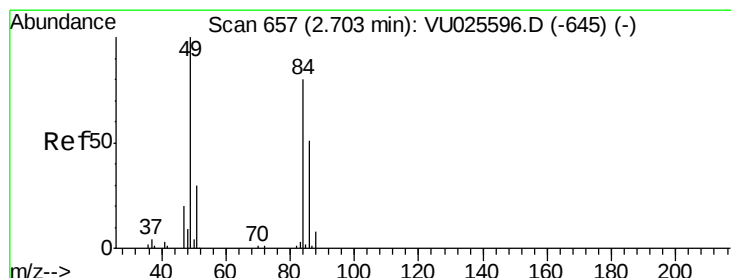
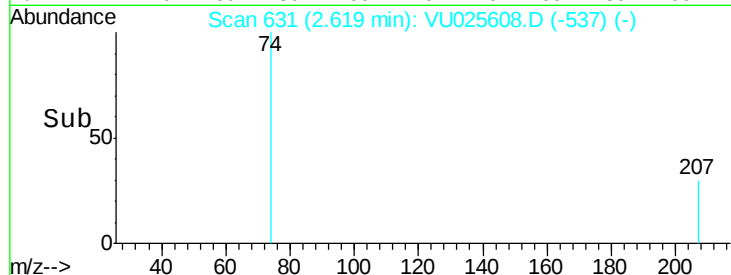
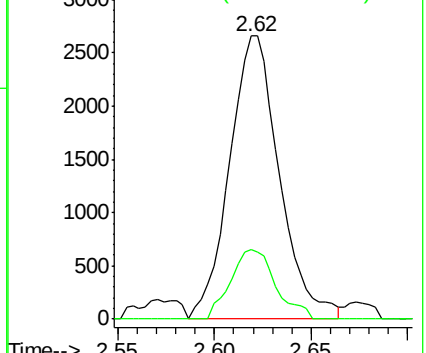
43 100

74 22.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#16

Methylene chloride

Concen: 2.104 ug/L

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025608.D

Acq: 23 Jul 2018 17:54

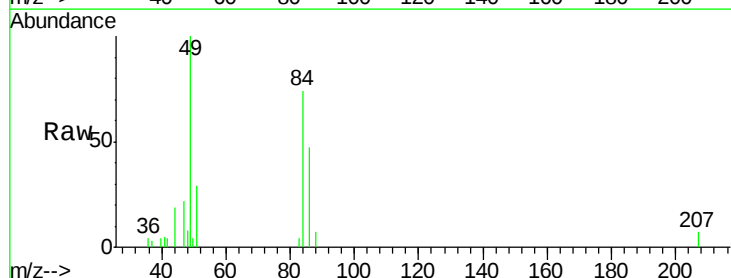
Tgt Ion: 84 Resp: 4610

Ion Ratio Lower Upper

84 100

86 62.9 45.6 84.6

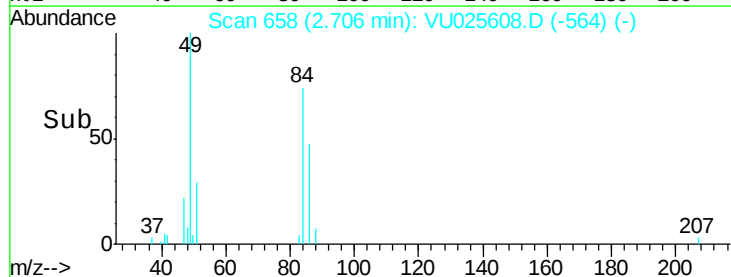
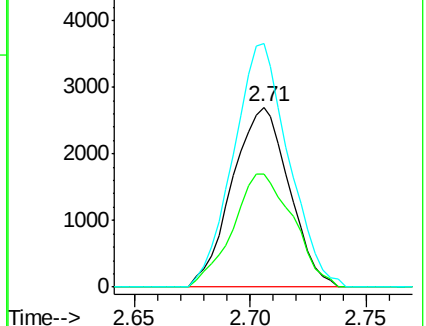
49 135.1 87.0 161.6

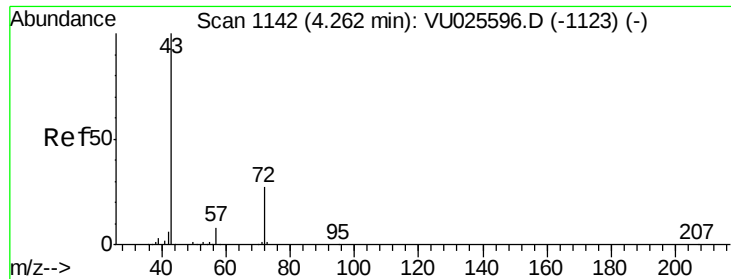


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#22

2-Butanone

Concen: 3.330 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025608.D

Acq: 23 Jul 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

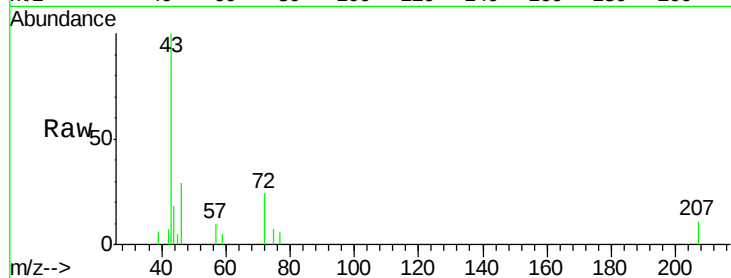
JJ1T0

Tot Ion: 43 Resp: 5976

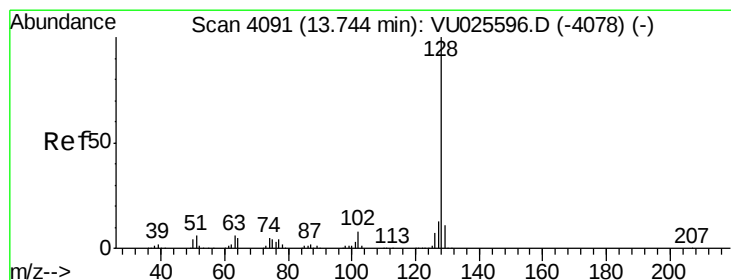
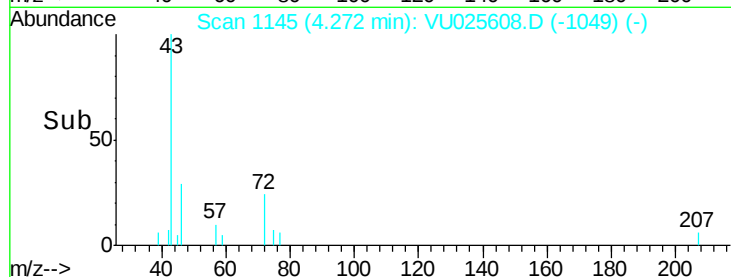
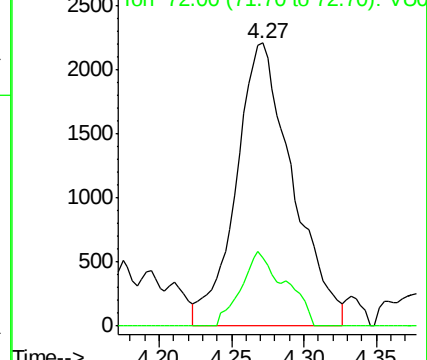
Ion Ratio Lower Upper

43 100

72 15.6 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU025596.D (-1123) (-)



#69

Naphthalene

Concen: 51.991 ug/L

RT: 13.74 min Scan# 4091

Delta R.T. -0.00 min

Lab File: VU025608.D

Acq: 23 Jul 2018 17:54

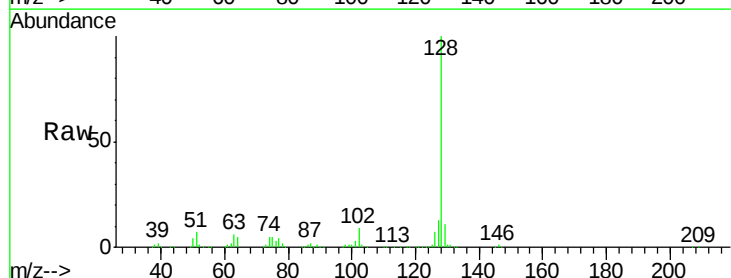
Tgt Ion:128 Resp: 474068

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): VU025596.D (-4078) (-)

