

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025609.D
 Acq On : 23 Jul 2018 18:18
 Operator : MD/SY
 Sample : J4072-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T1

Quant Time: Jul 24 02:09:32 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	315149	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63988	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.14%
7) Chloroethane-d5	1.68	69	58032	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.27	63	110350	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.92%#
21) 2-Butanone-d5	4.18	46	156310	112.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.53%
24) Chloroform-d	4.65	84	172530	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.31	65	120616	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.35	84	327115	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.34	67	108609	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.57	98	307378	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.85	79	52194	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.31	63	116570	115.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157737	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	137966	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%

Target Compounds

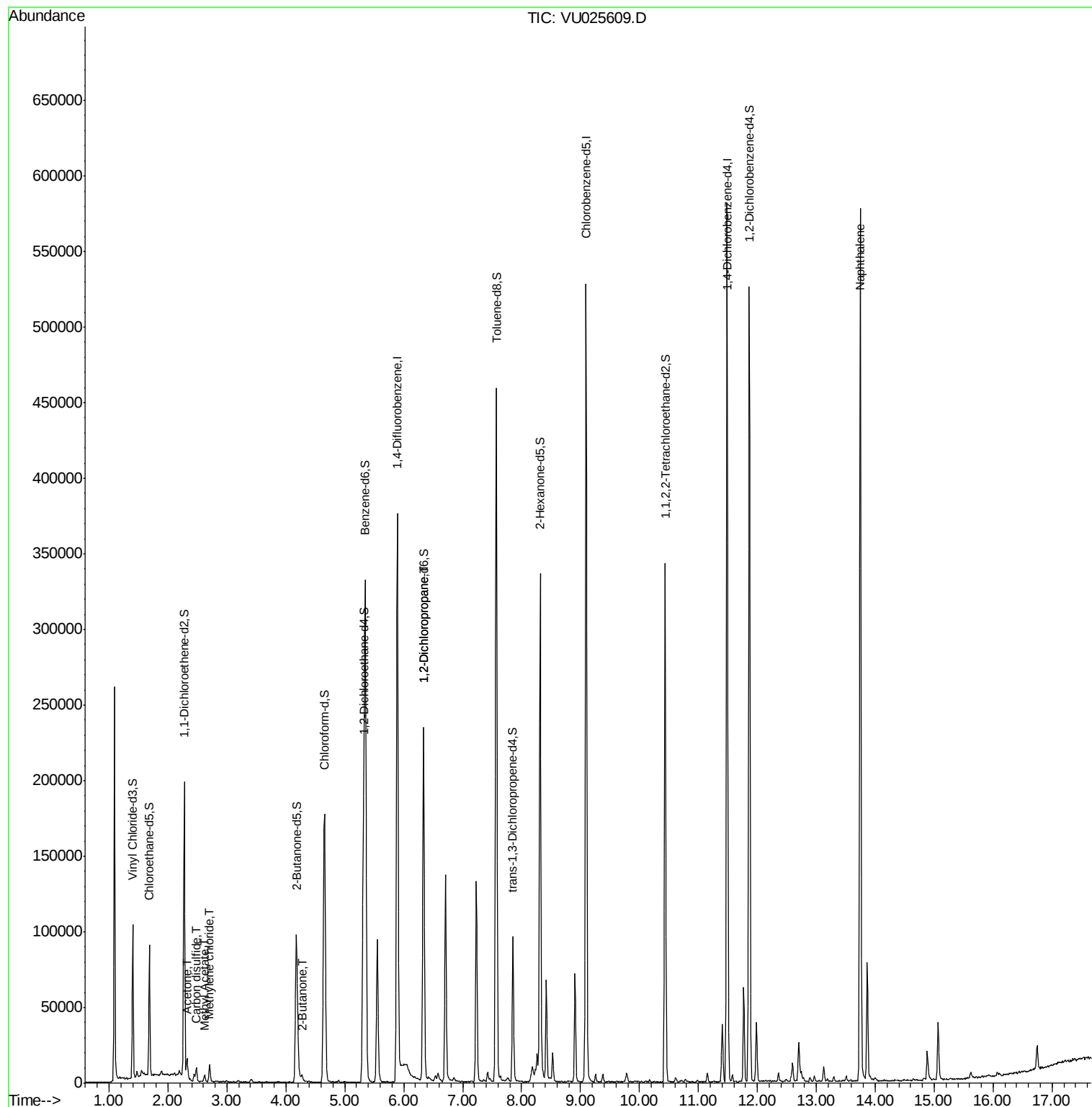
					Ovalue
13) Acetone	2.32	43	12919	7.924	ug/L 100
14) Carbon disulfide	2.48	76	10333	1.784	ug/L # 95
15) Methyl Acetate	2.62	43	5084	2.256	ug/L 92
16) Methylene chloride	2.70	84	4831	2.181	ug/L 98
22) 2-Butanone	4.27	43	5902	3.252	ug/L 74
37) 1,2-Dichloropropane	6.34	63	12920	5.629	ug/L # 88
69) Naphthalene	13.74	128	454067	49.144	ug/L 99

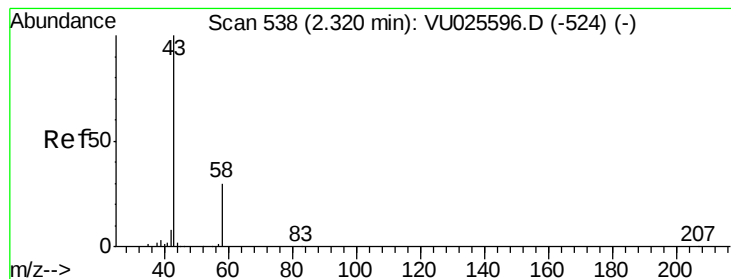
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.924 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025609.D

Acq: 23 Jul 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

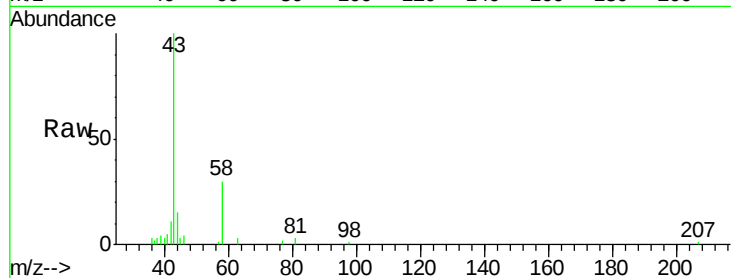
JJ1T1

Tot Ion: 43 Resp: 12919

Ion Ratio Lower Upper

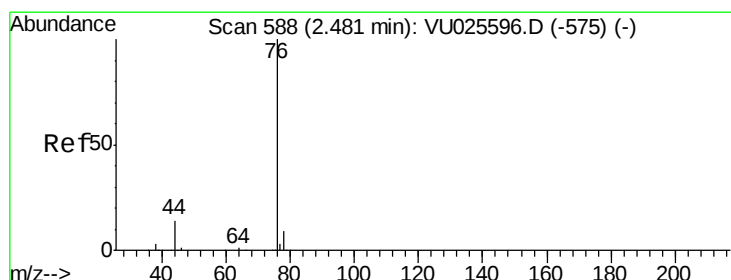
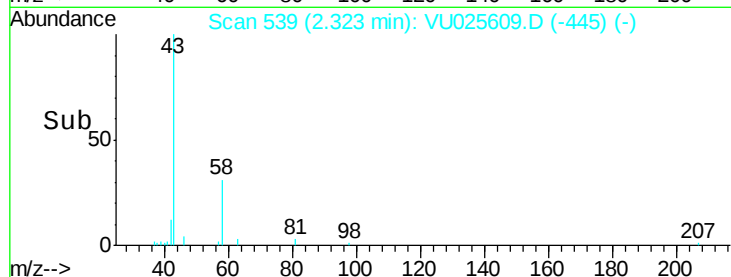
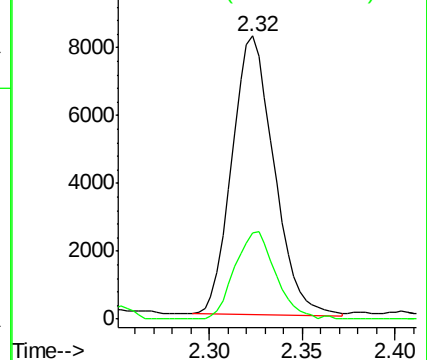
43 100

58 30.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 1.784 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025609.D

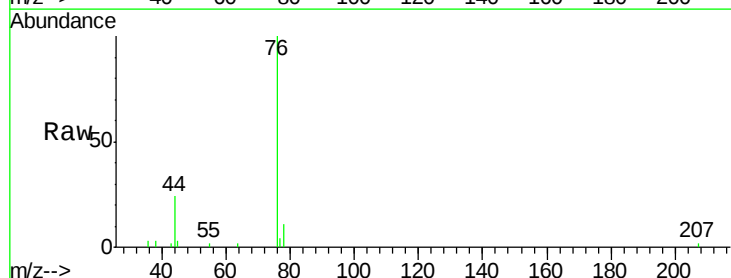
Acq: 23 Jul 2018 18:18

Tgt Ion: 76 Resp: 10333

Ion Ratio Lower Upper

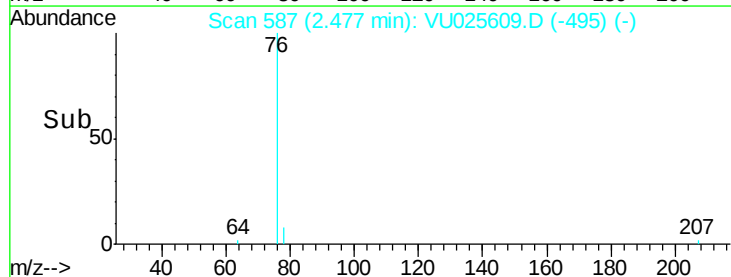
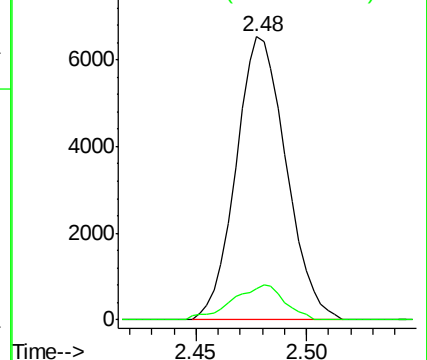
76 100

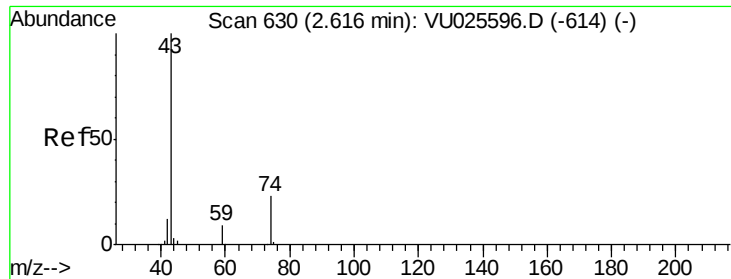
78 11.1 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methyl Acetate

Concen: 2.256 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025609.D

Acq: 23 Jul 2018 18:18

Instrument :

MSVOA_U

ClientSampled :

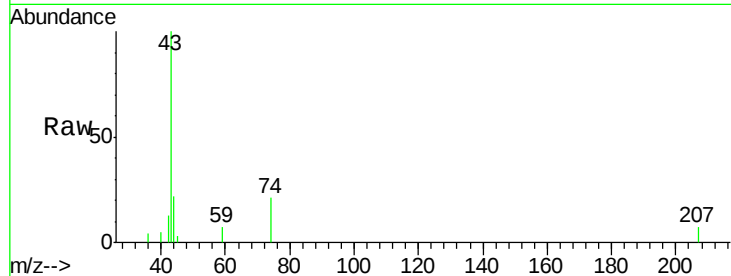
JJ1T1

Tot Ion: 43 Resp: 5084

Ion Ratio Lower Upper

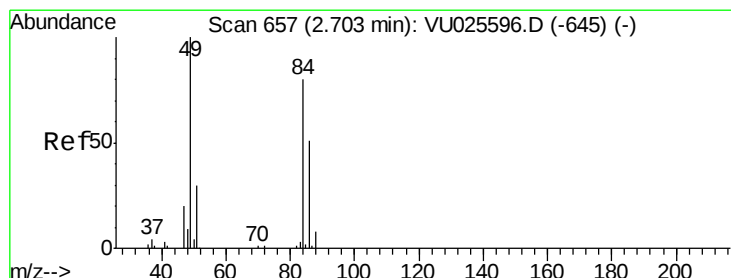
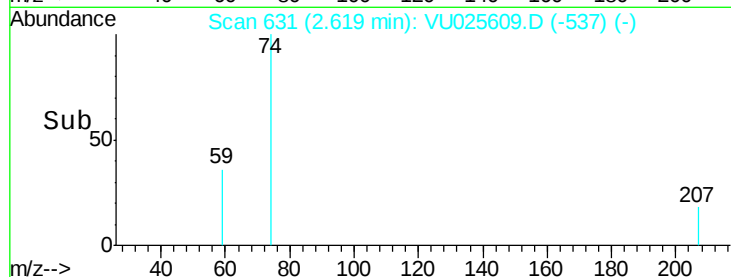
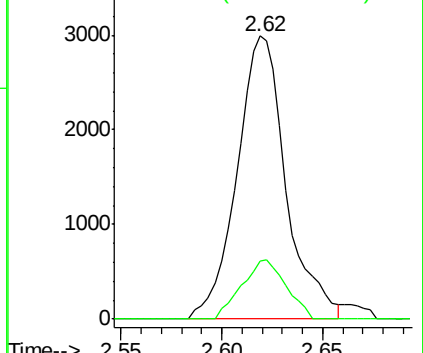
43 100

74 18.9 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: 2.181 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025609.D

Acq: 23 Jul 2018 18:18

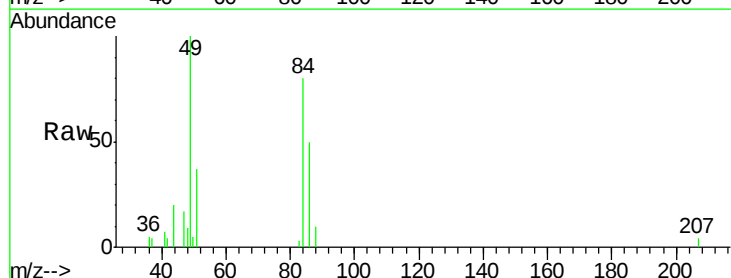
Tgt Ion: 84 Resp: 4831

Ion Ratio Lower Upper

84 100

86 62.4 45.6 84.6

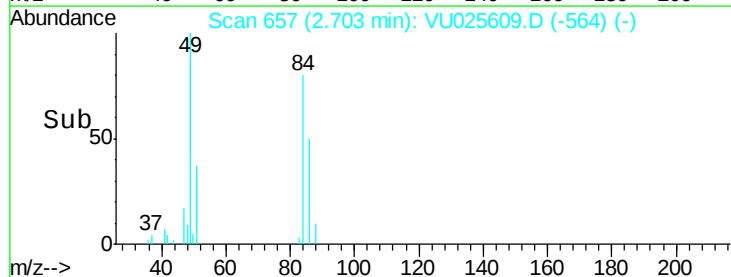
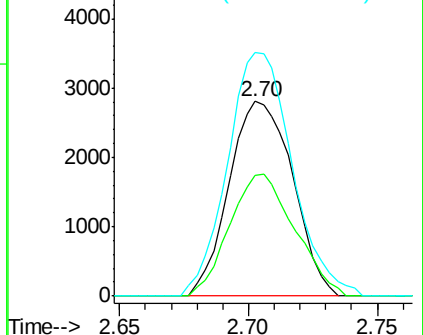
49 125.2 87.0 161.6

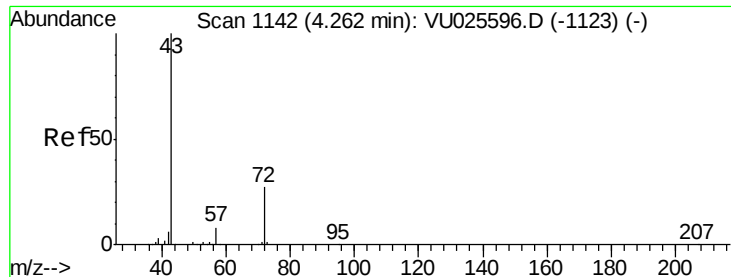


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#22

2-Butanone

Concen: 3.252 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025609.D

Acq: 23 Jul 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

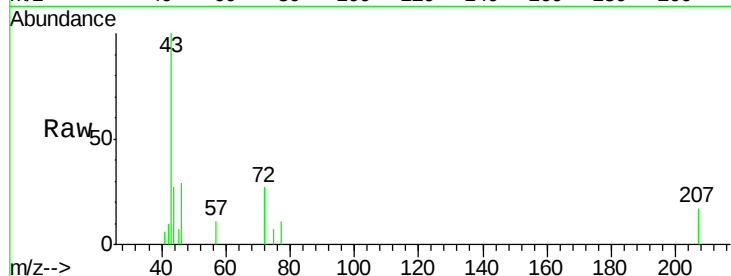
JJ1T1

Tot Ion: 43 Resp: 5902

Ion Ratio Lower Upper

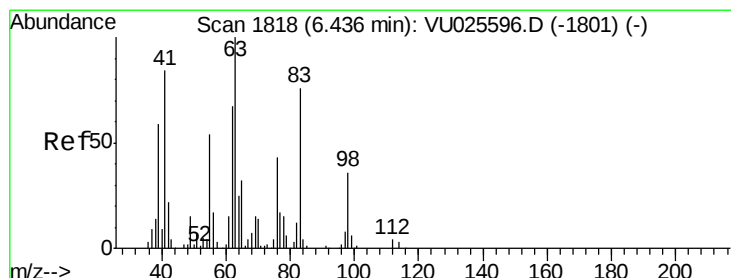
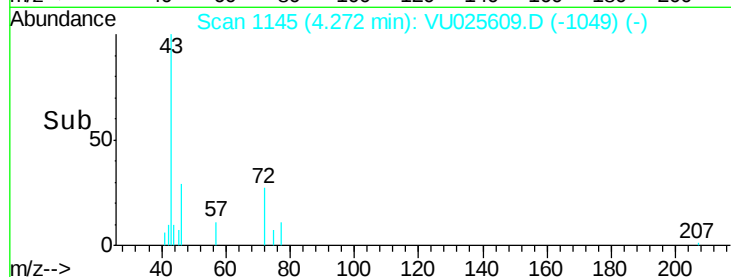
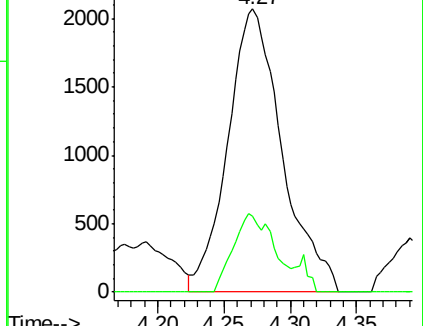
43 100

72 13.8 13.6 40.8



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

Ion 72.00 (71.70 to 72.70): VU025596.D (-1123) (-)



#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025609.D

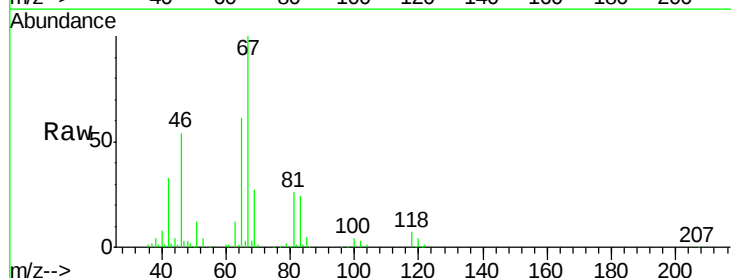
Acq: 23 Jul 2018 18:18

Tgt Ion: 63 Resp: 12920

Ion Ratio Lower Upper

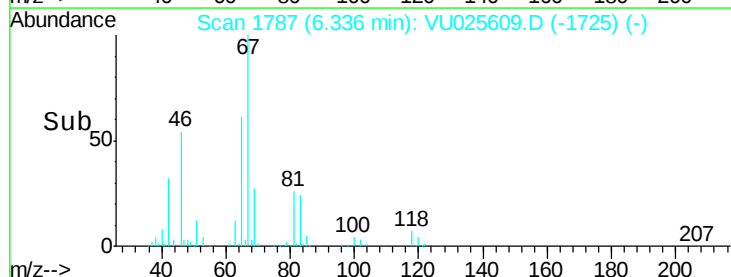
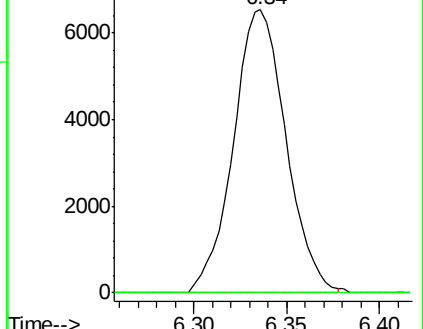
63 100

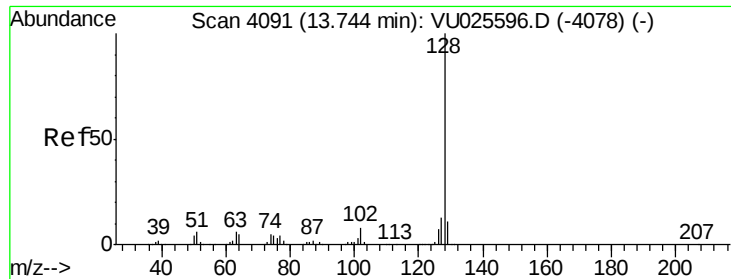
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025596.D (-1801) (-)

Ion 112.00 (111.70 to 112.70): VU025596.D (-1801) (-)





#69

Naphthalene

Concen: 49.144 ug/L

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025609.D

Acq: 23 Jul 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

JJ1T1

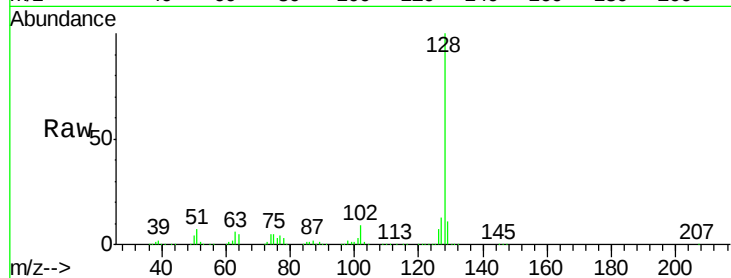
Tot Ion:128 Resp: 454067

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

