

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025614.D
 Acq On : 23 Jul 2018 20:15
 Operator : MD/SY
 Sample : J4072-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T4

Quant Time: Jul 24 02:10:13 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	331764	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67727	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.52%
7) Chloroethane-d5	1.68	69	61234	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.27	63	115556	29.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.62%#
21) 2-Butanone-d5	4.18	46	165386	113.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.11%
24) Chloroform-d	4.65	84	177273	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	5.31	65	123760	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
32) Benzene-d6	5.35	84	346718	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
36) 1,2-Dichloropropane-d6	6.34	67	112866	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.56%
41) Toluene-d8	7.57	98	328214	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.85	79	55618	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.46%
47) 2-Hexanone-d5	8.31	63	127693	118.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164725	45.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	145119	44.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.16%

Target Compounds

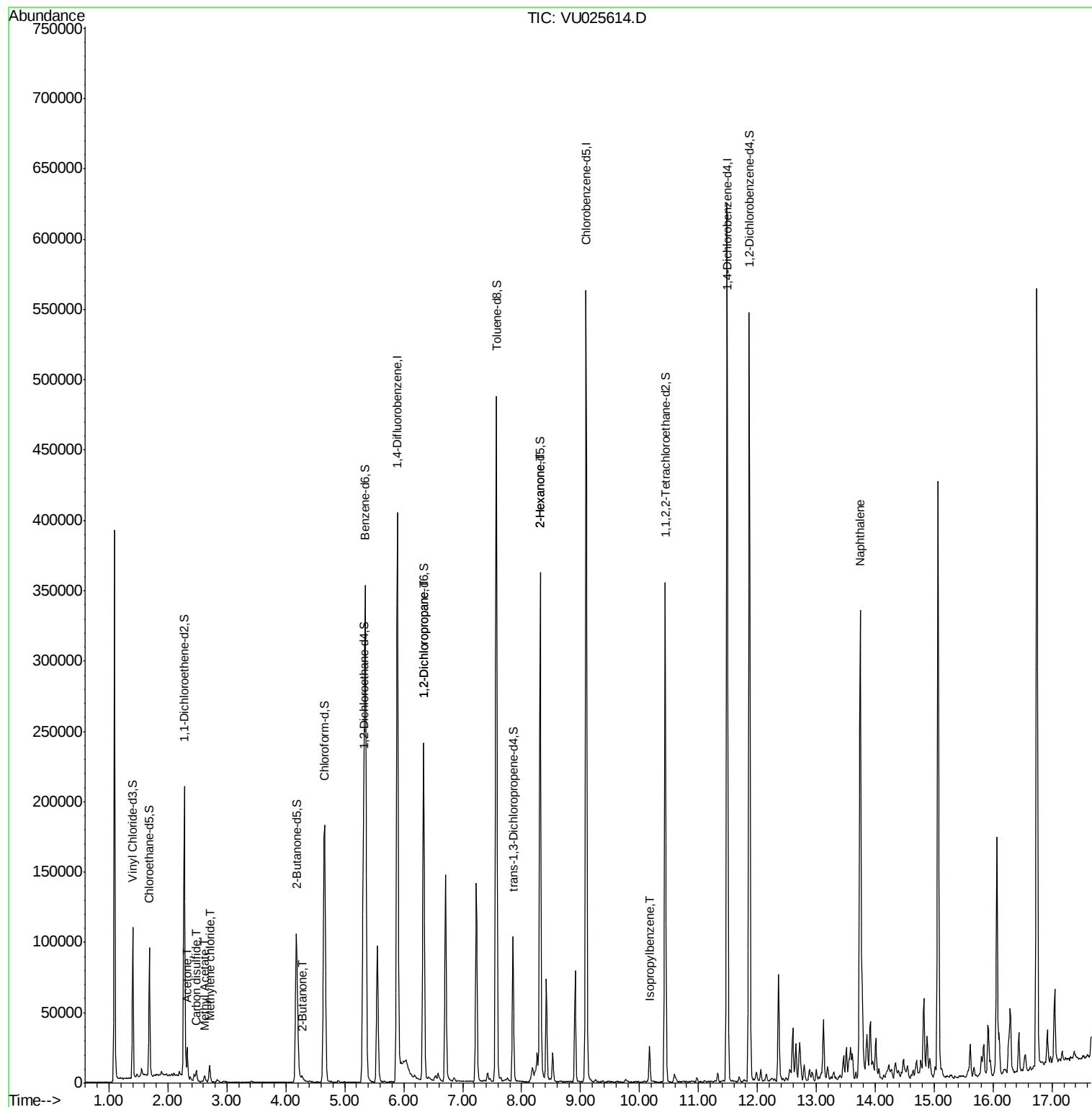
					Ovalue
13) Acetone	2.32	43	21738	12.666	ug/L 100
14) Carbon disulfide	2.48	76	8824	1.447	ug/L 96
15) Methyl Acetate	2.62	43	5311	2.239	ug/L 92
16) Methylene chloride	2.71	84	5031	2.157	ug/L 95
22) 2-Butanone	4.27	43	3265	1.709	ug/L 97
37) 1,2-Dichloropropane	6.34	63	13141	5.364	ug/L # 88
48) 2-Hexanone	8.31	43	13894	5.111	ug/L # 68
56) Isopropylbenzene	10.17	105	17039	1.592	ug/L 98
69) Naphthalene	13.74	128	228351	22.777	ug/L 99

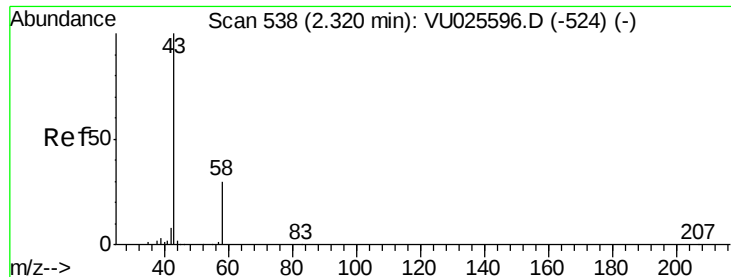
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.666 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025614.D

Acq: 23 Jul 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

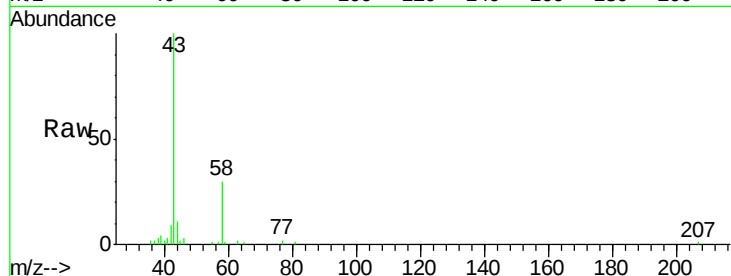
JJ1T4

Tot Ion: 43 Resp: 21738

Ion Ratio Lower Upper

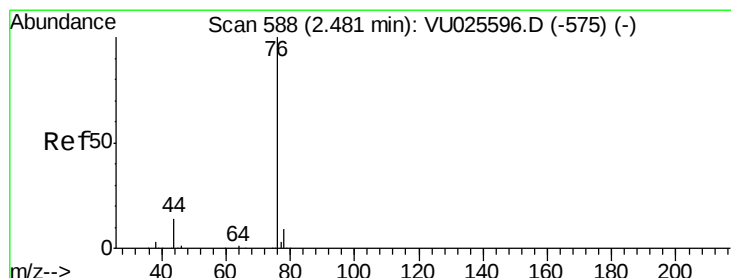
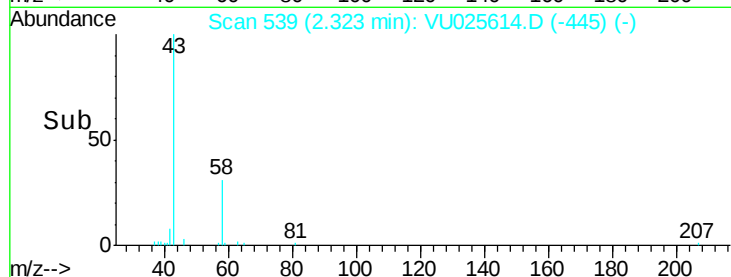
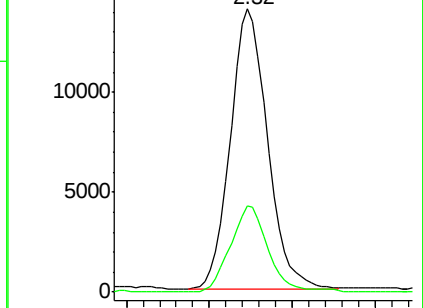
43 100

58 30.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025596.D (-524) (-)

Ion 58.00 (57.70 to 58.70): VU025596.D (-524) (-)



#14

Carbon disulfide

Concen: 1.447 ug/L

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025614.D

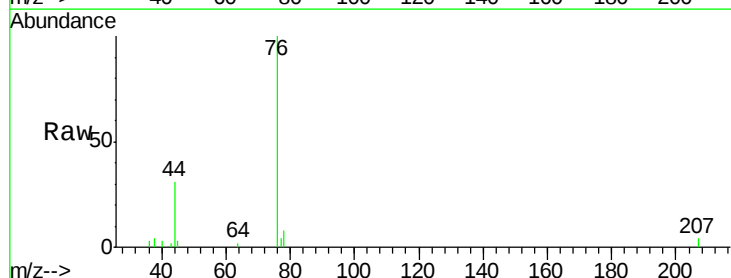
Acq: 23 Jul 2018 20:15

Tgt Ion: 76 Resp: 8824

Ion Ratio Lower Upper

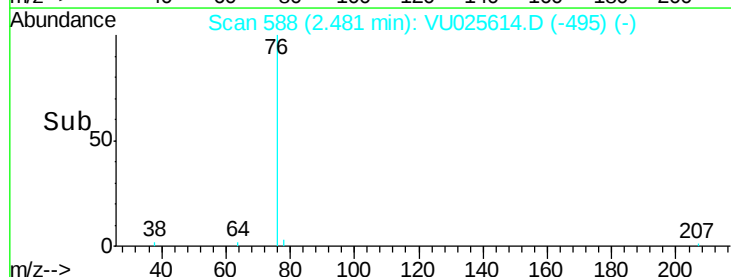
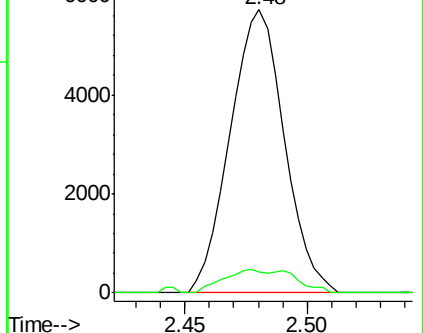
76 100

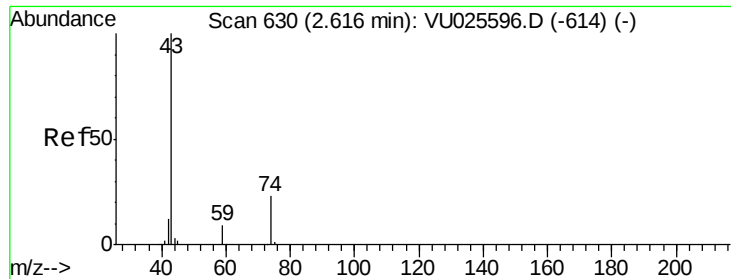
78 7.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU025596.D (-575) (-)

Ion 78.00 (77.70 to 78.70): VU025596.D (-575) (-)





#15

Methyl Acetate

Concen: 2.239 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025614.D

Acq: 23 Jul 2018 20:15

Instrument :

MSVOA_U

ClientSampled :

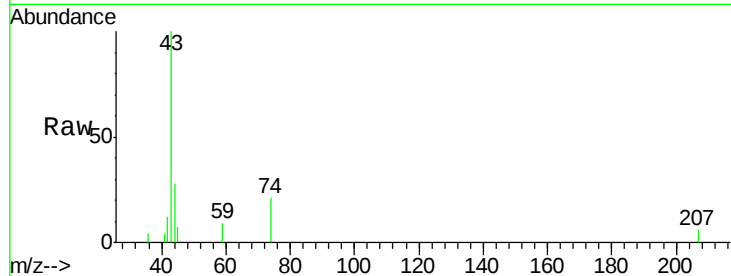
JJ1T4

Tot Ion: 43 Resp: 5311

Ion Ratio Lower Upper

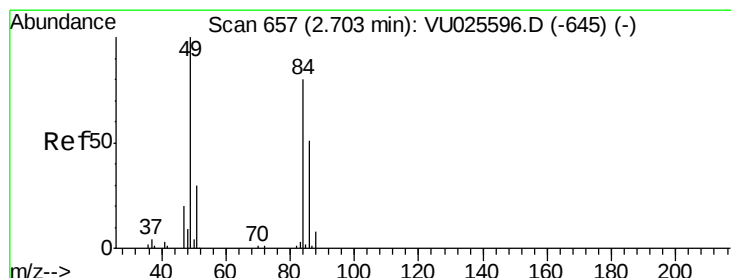
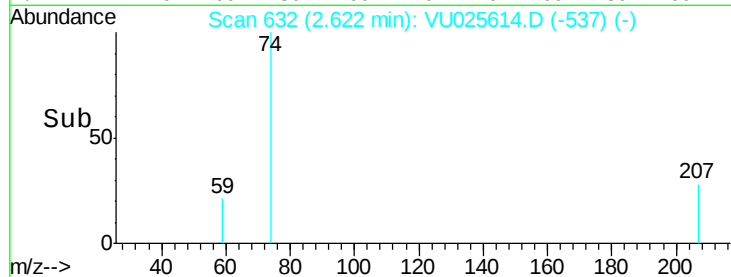
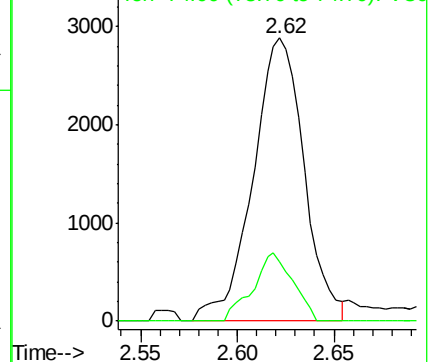
43 100

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: 2.157 ug/L

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025614.D

Acq: 23 Jul 2018 20:15

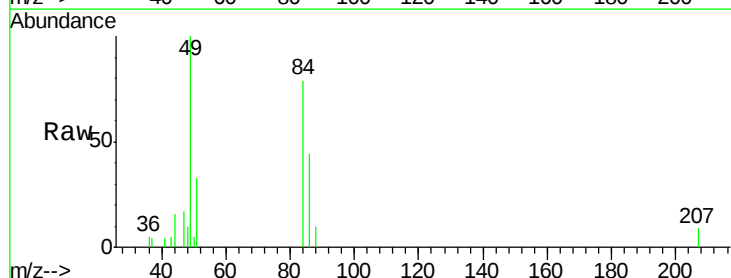
Tgt Ion: 84 Resp: 5031

Ion Ratio Lower Upper

84 100

86 56.0 45.6 84.6

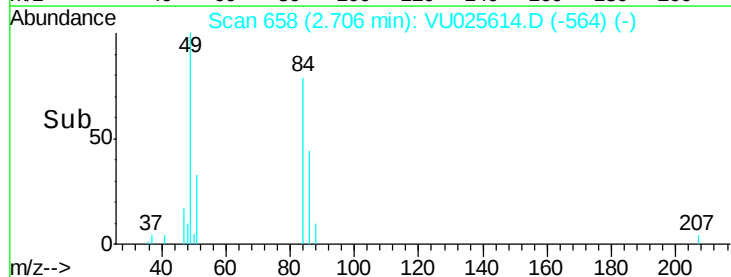
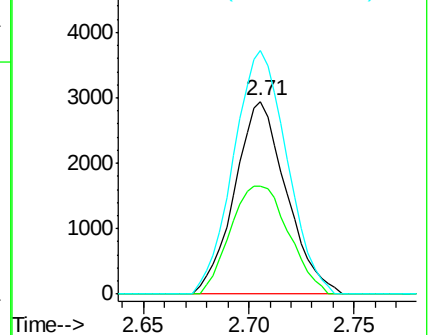
49 126.4 87.0 161.6

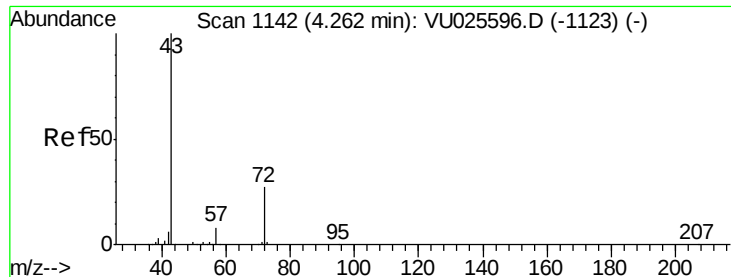


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#22

2-Butanone

Concen: 1.709 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU025614.D

Acq: 23 Jul 2018 20:15

Instrument :

MSVOA_U

ClientSampled :

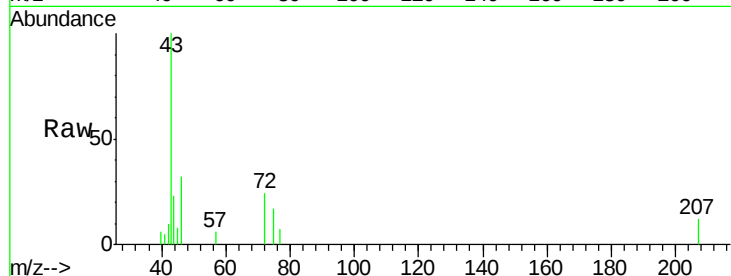
JJ1T4

Tot Ion: 43 Resp: 3265

Ion Ratio Lower Upper

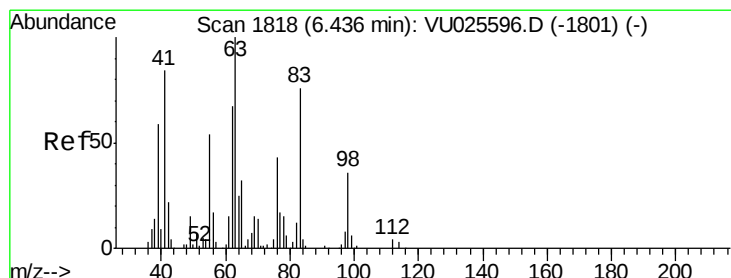
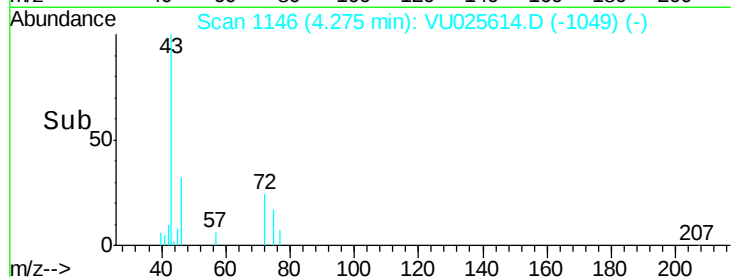
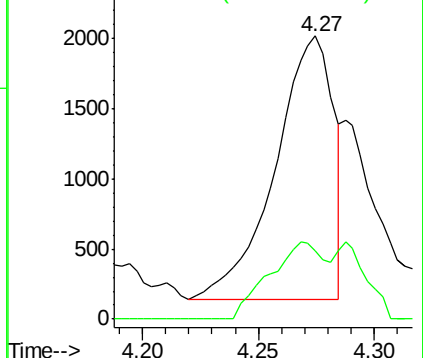
43 100

72 28.5 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#37

1,2-Dichloropropane

Concen: 5.364 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025614.D

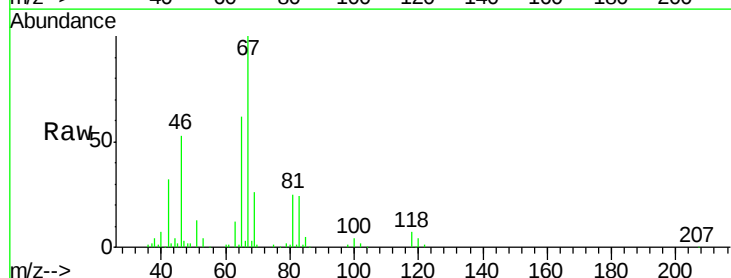
Acq: 23 Jul 2018 20:15

Tgt Ion: 63 Resp: 13141

Ion Ratio Lower Upper

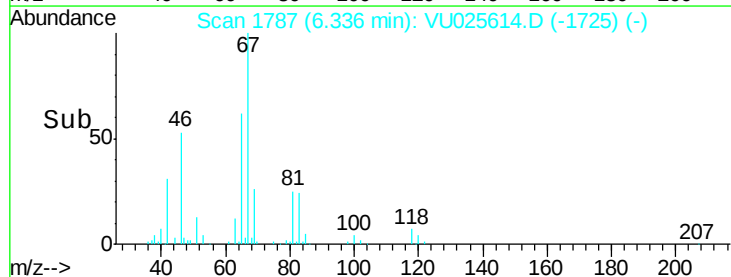
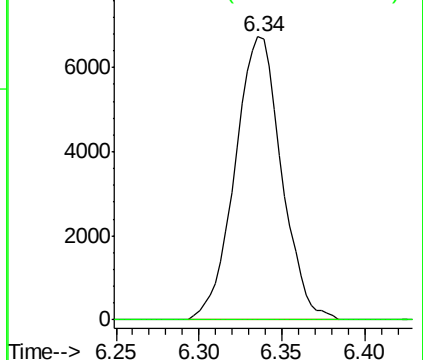
63 100

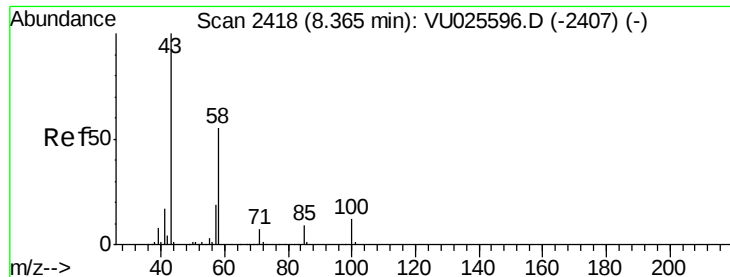
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

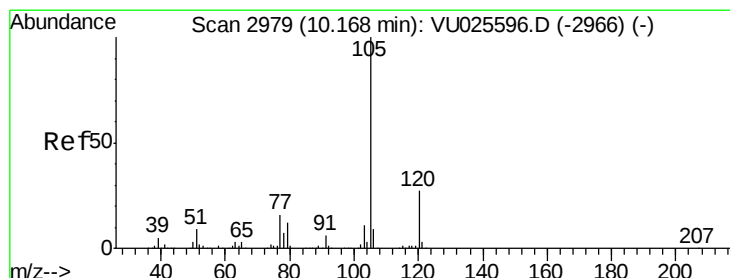
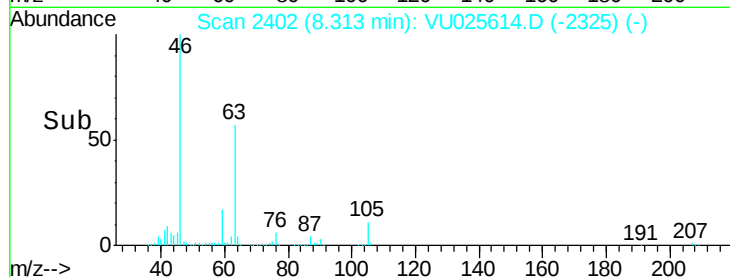
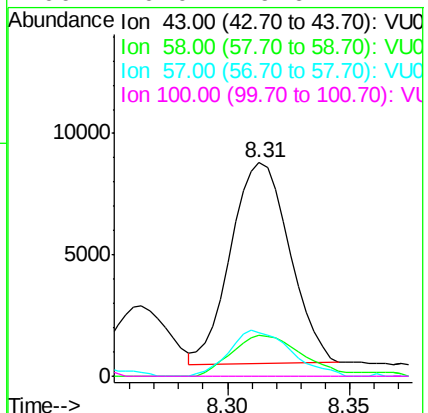
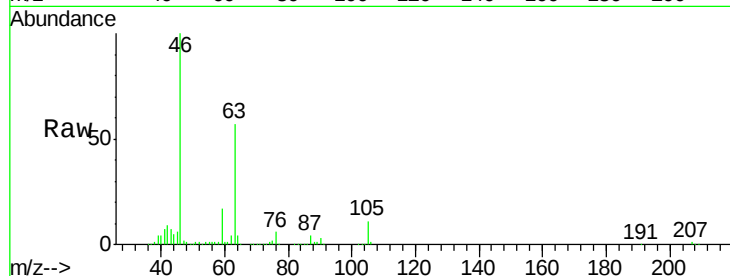




#48
2-Hexanone
Concen: 5.111 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025614.D
Acq: 23 Jul 2018 20:15

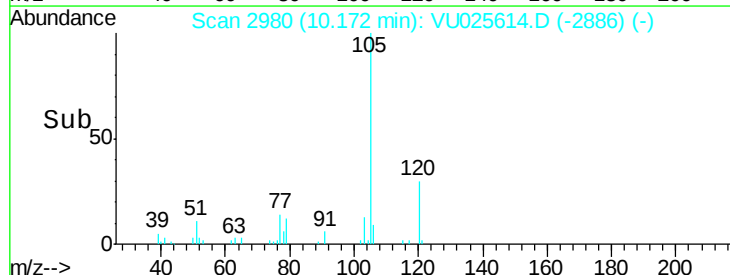
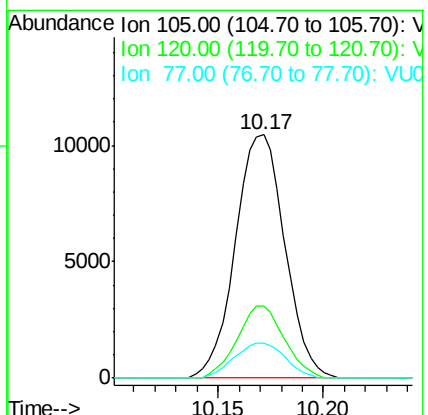
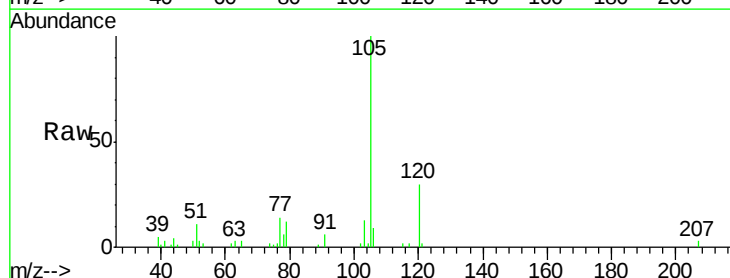
Instrument :
MSVOA_U
ClientSampleId :
JJ1T4

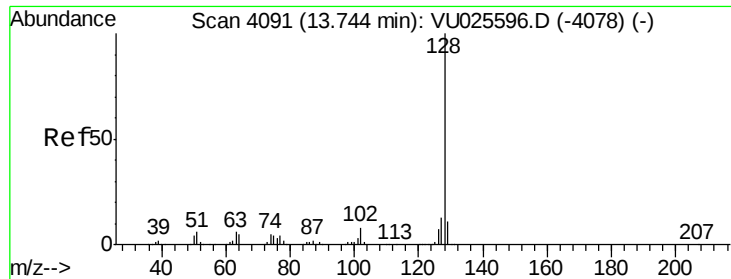
Tot Ion: 43 Resp: 13894
Ion Ratio Lower Upper
43 100
58 24.8 42.9 64.3#
57 24.0 15.4 23.2#
100 0.0 9.6 14.4#



#56
Isopropylbenzene
Concen: 1.592 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU025614.D
Acq: 23 Jul 2018 20:15

Tgt Ion: 105 Resp: 17039
Ion Ratio Lower Upper
105 100
120 28.1 21.7 32.5
77 14.8 12.4 18.6





#69

Naphthalene

Concen: 22.777 ug/L

RT: 13.74 min Scan# 4091

Delta R.T. -0.00 min

Lab File: VU025614.D

Acq: 23 Jul 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

JJ1T4

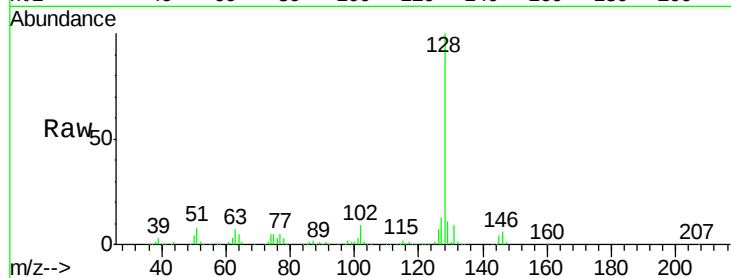
Tot Ion:128 Resp: 228351

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 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

