

Data File : VU026141.D
Acq On : 15 Aug 2018 13:05
Operator : MD/SY
Sample : J4450-08
Misc : 5.44g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAB07ME

Quant Time: Aug 16 02:21:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:19:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	419470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424602	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	226459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115477	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.76%
7) Chloroethane-d5	1.64	69	71173	35.15	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.30%
11) 1,1-Dichloroethene-d2	2.23	63	174893	36.16	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.32%
21) 2-Butanone-d5	4.19	46	205649	108.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.81%
24) Chloroform-d	4.65	84	261104	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.31	65	180337	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.34	84	517508	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.33	67	168330	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.57	98	507112	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.85	79	85729	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.62%
47) 2-Hexanone-d5	8.33	63	174047	118.04	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	264248	52.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.34%
64) 1,2-Dichlorobenzene-d4	11.87	152	236345	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

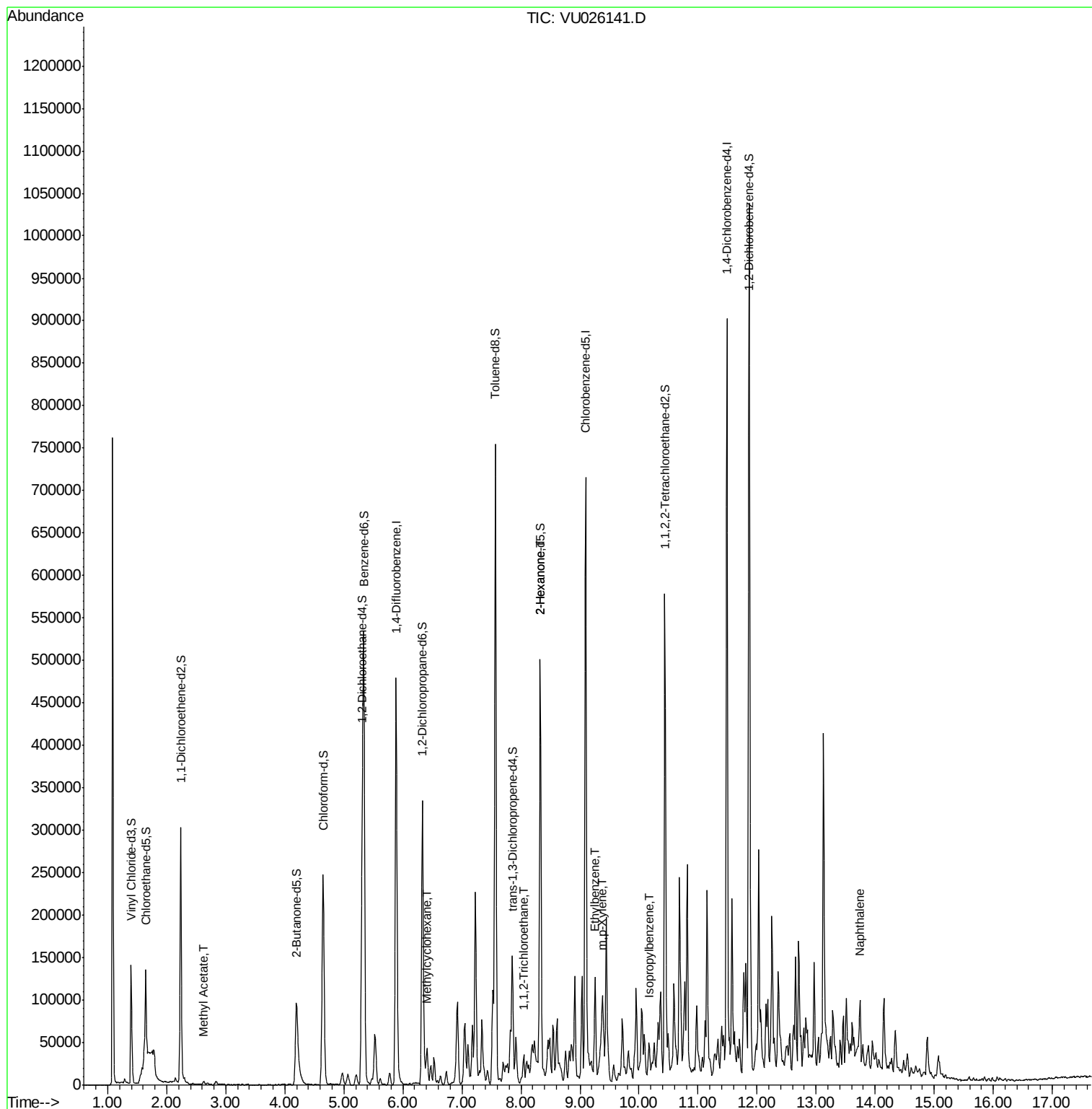
					Qvalue
15) Methyl Acetate	2.63	43	4068	1.356 ug/L #	85
35) Methylcyclohexane	6.41	83	16883	3.755 ug/L	89
45) 1,1,2-Trichloroethane	8.05	97	10602	3.482 ug/L #	21
48) 2-Hexanone	8.33	43	38797	12.431 ug/L #	45
52) Ethylbenzene	9.26	91	58263	4.381 ug/L	99
53) m,p-Xylene	9.38	106	23623	4.609 ug/L	98
56) Isopropylbenzene	10.17	105	17511	1.334 ug/L	99
69) Naphthalene	13.75	128	53407	4.943 ug/L	98

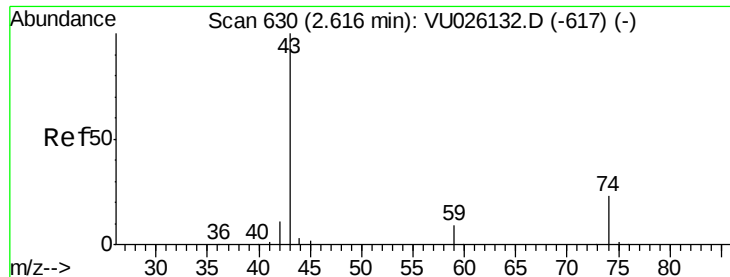
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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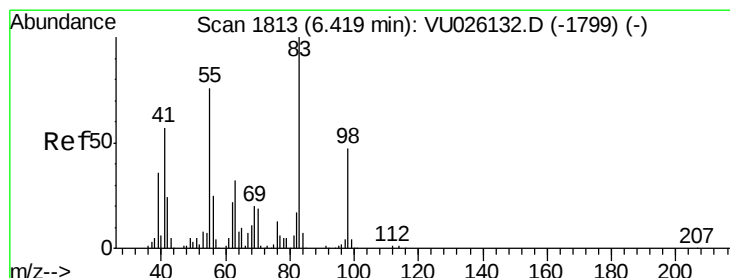
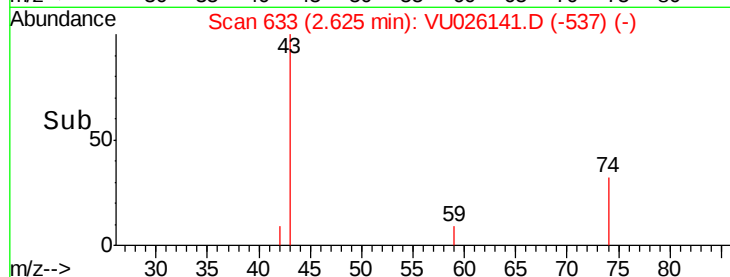
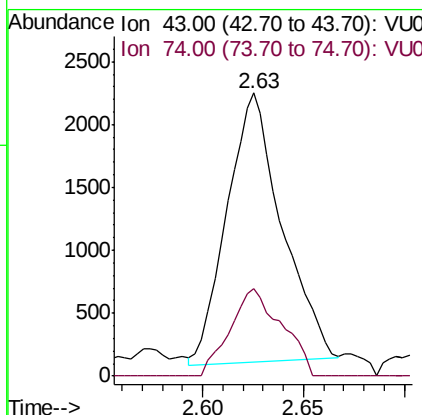
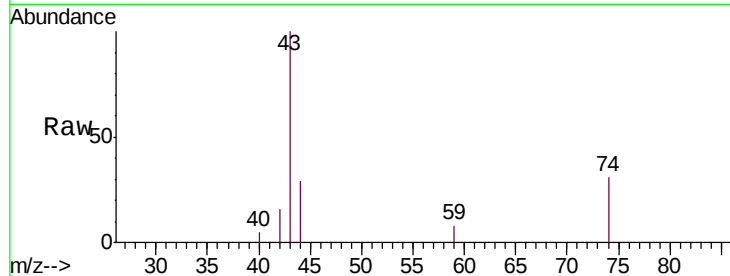




#15
Methyl Acetate
Concen: 1.356 ug/L
RT: 2.63 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU026141.D
Acq: 15 Aug 2018 13:05

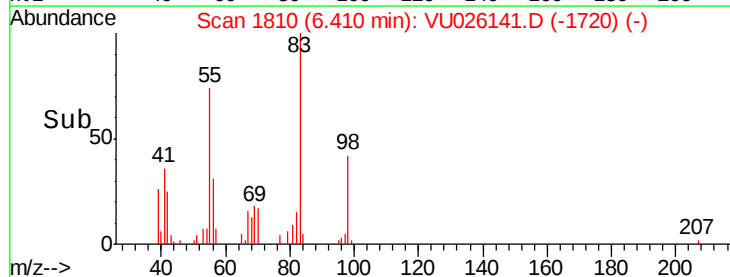
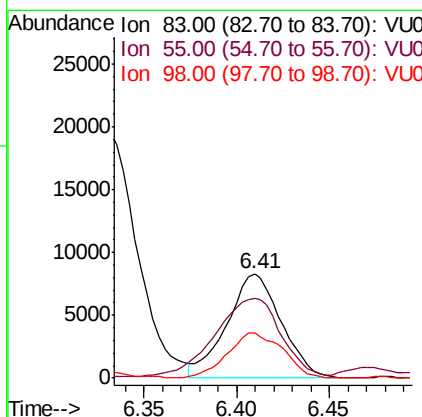
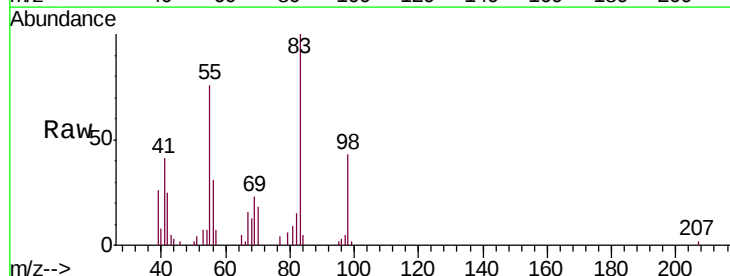
Instrument :
MSVOA_U
ClientSampleId :
GAB07ME

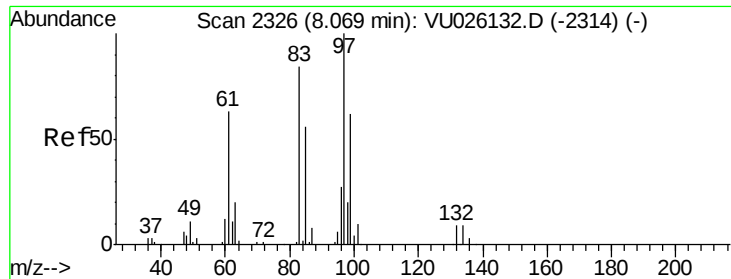
Tgt Ion: 43 Resp: 4068
Ion Ratio Lower Upper
43 100
74 30.4 18.6 28.0#



#35
Methylcyclohexane
Concen: 3.755 ug/L
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU026141.D
Acq: 15 Aug 2018 13:05

Tgt Ion: 83 Resp: 16883
Ion Ratio Lower Upper
83 100
55 89.9 61.0 91.6
98 44.4 37.6 56.4

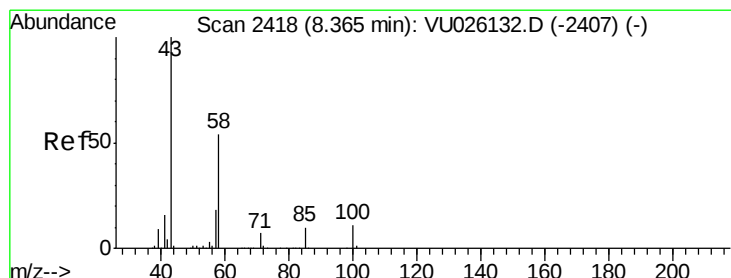
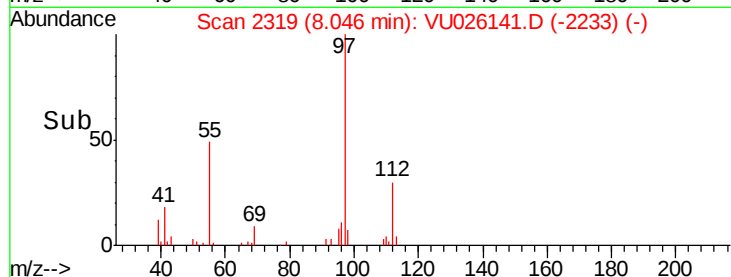
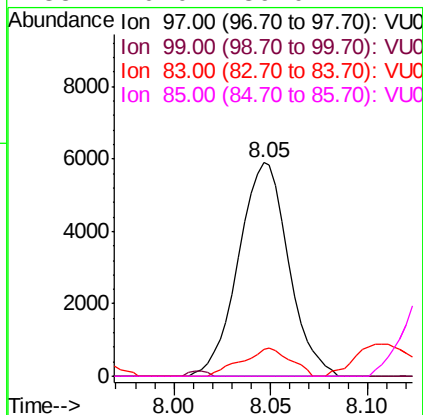
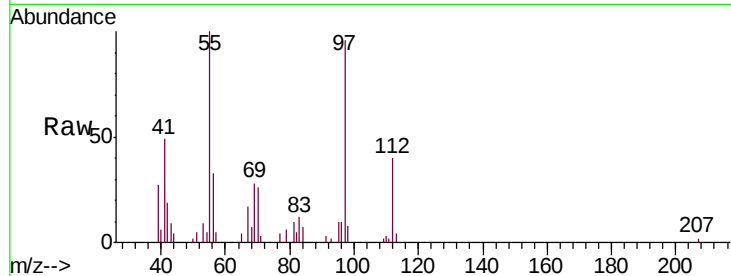




#45
 1,1,2-Trichloroethane
 Concen: 3.482 ug/L
 RT: 8.05 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: VU026141.D
 Acq: 15 Aug 2018 13:05

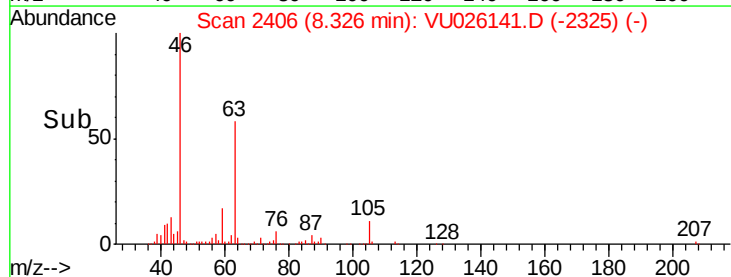
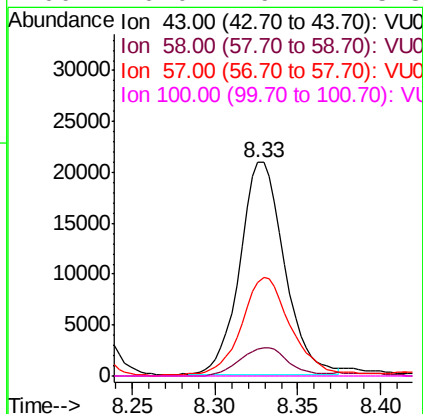
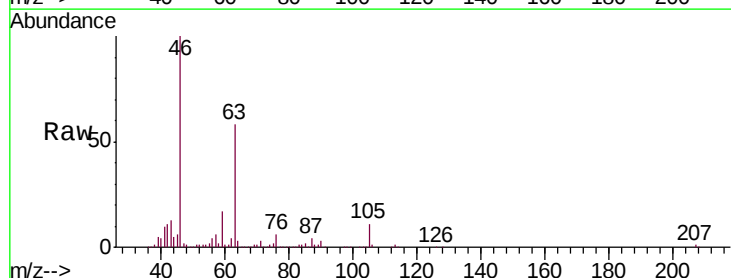
Instrument :
 MSVOA_U
 ClientSampleId :
 GAB07ME

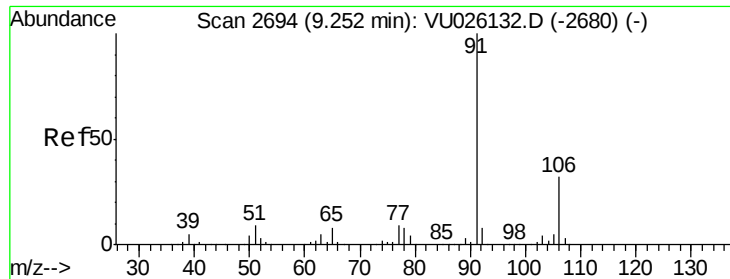
Tgt Ion: 97 Resp: 10602
 Ion Ratio Lower Upper
 97 100
 99 0.0 43.3 80.5#
 83 12.4 58.4 108.6#
 85 0.0 39.0 72.4#



#48
 2-Hexanone
 Concen: 12.431 ug/L
 RT: 8.33 min Scan# 2406
 Delta R.T. -0.04 min
 Lab File: VU026141.D
 Acq: 15 Aug 2018 13:05

Tgt Ion: 43 Resp: 38797
 Ion Ratio Lower Upper
 43 100
 58 14.4 42.9 64.3#
 57 50.0 15.1 22.7#
 100 0.0 9.2 13.8#





#52

Ethylbenzene

Concen: 4.381 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU026141.D

Acq: 15 Aug 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

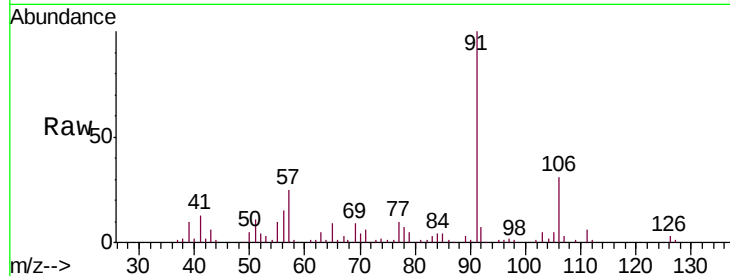
GAB07ME

Tgt Ion: 91 Resp: 58263

Ion Ratio Lower Upper

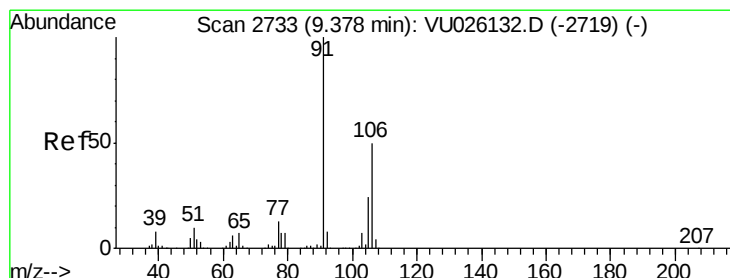
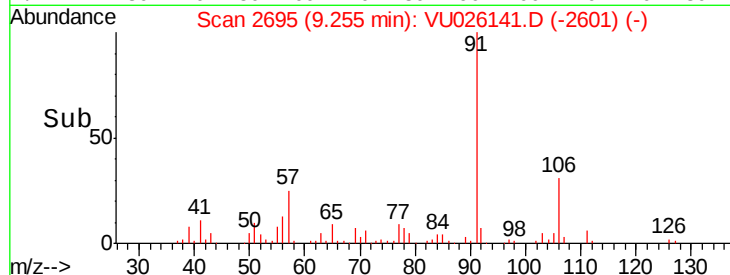
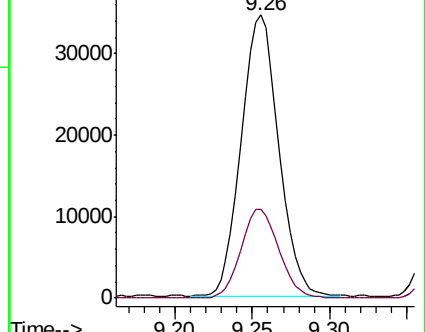
91 100

106 31.2 22.3 41.5



Abundance Ion 91.00 (90.70 to 91.70): VU026141.D (-2695) (-)

Ion 106.00 (105.70 to 106.70): VU026141.D (-2695) (-)



#53

m,p-Xylene

Concen: 4.609 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU026141.D

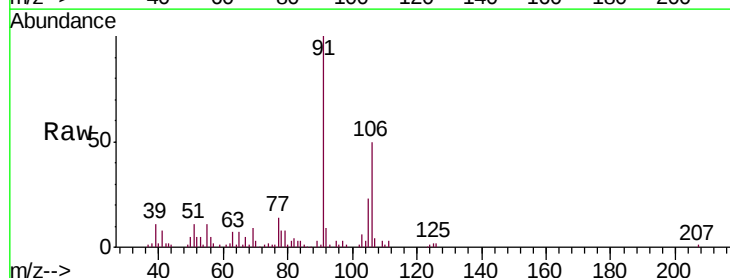
Acq: 15 Aug 2018 13:05

Tgt Ion: 106 Resp: 23623

Ion Ratio Lower Upper

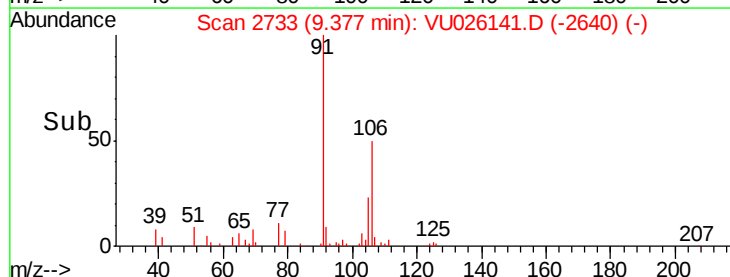
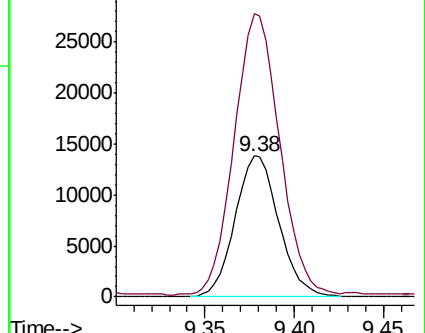
106 100

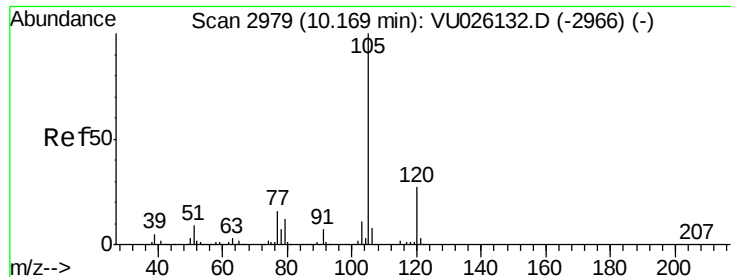
91 201.1 139.2 258.4



Abundance Ion 106.00 (105.70 to 106.70): VU026141.D (-2733) (-)

Ion 91.00 (90.70 to 91.70): VU026141.D (-2733) (-)





#56

Isopropylbenzene

Concen: 1.334 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU026141.D

Acq: 15 Aug 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

GAB07ME

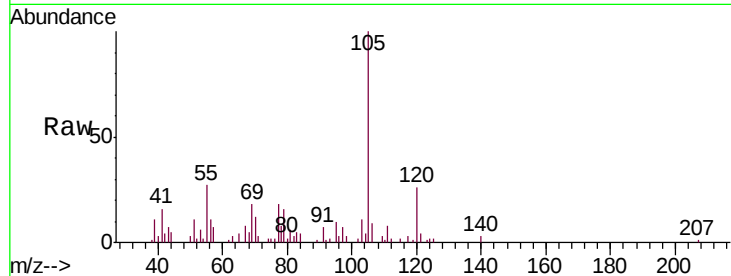
Tgt Ion:105 Resp: 17511

Ion Ratio Lower Upper

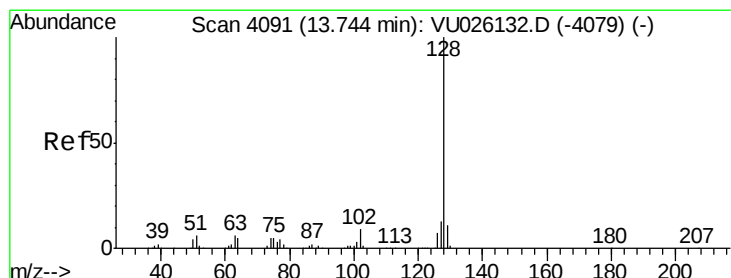
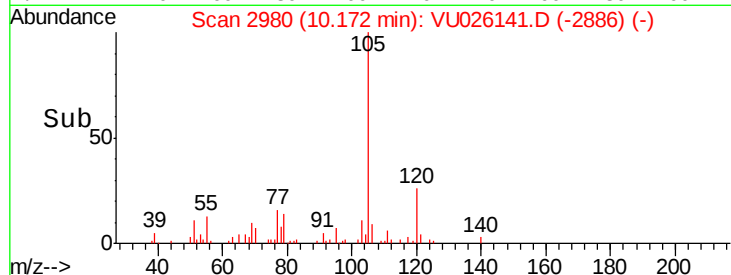
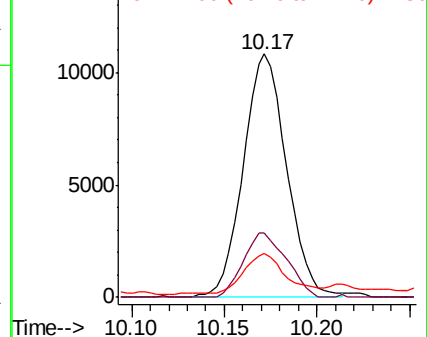
105 100

120 26.3 21.5 32.3

77 15.2 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#69

Naphthalene

Concen: 4.943 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU026141.D

Acq: 15 Aug 2018 13:05

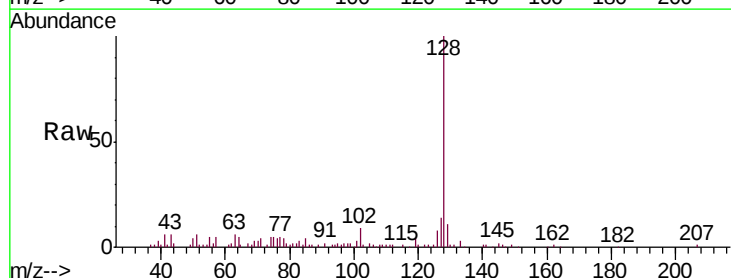
Tgt Ion:128 Resp: 53407

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 11.1 8.6 13.0



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

