

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081618\
 Data File : VU026177.D
 Acq On : 16 Aug 2018 15:34
 Operator : MD/SY
 Sample : J4450-08
 Misc : 5.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAB07

Quant Time: Aug 16 16:08:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 04:40:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	371022	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	222213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54604	25.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.12%#
7) Chloroethane-d5	1.64	69	30900	17.25	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.50%#
11) 1,1-Dichloroethene-d2	2.25	63	77351	18.08	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	36.16%#
21) 2-Butanone-d5	4.19	46	77660	46.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.46%
24) Chloroform-d	4.64	84	108486	22.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	44.46%#
26) 1,2-Dichloroethane-d4	5.31	65	75263	23.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	47.14%#
32) Benzene-d6	5.34	84	214346	21.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.46%#
36) 1,2-Dichloropropane-d6	6.33	67	71349	22.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	44.00%#
41) Toluene-d8	7.57	98	210818	22.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	44.66%#
43) trans-1,3-Dichloropropene-	7.85	79	35999	23.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.90%#
47) 2-Hexanone-d5	8.32	63	62723	47.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	47.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	115208	25.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	50.48%#
64) 1,2-Dichlorobenzene-d4	11.86	152	109766	23.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.48%#

Target Compounds

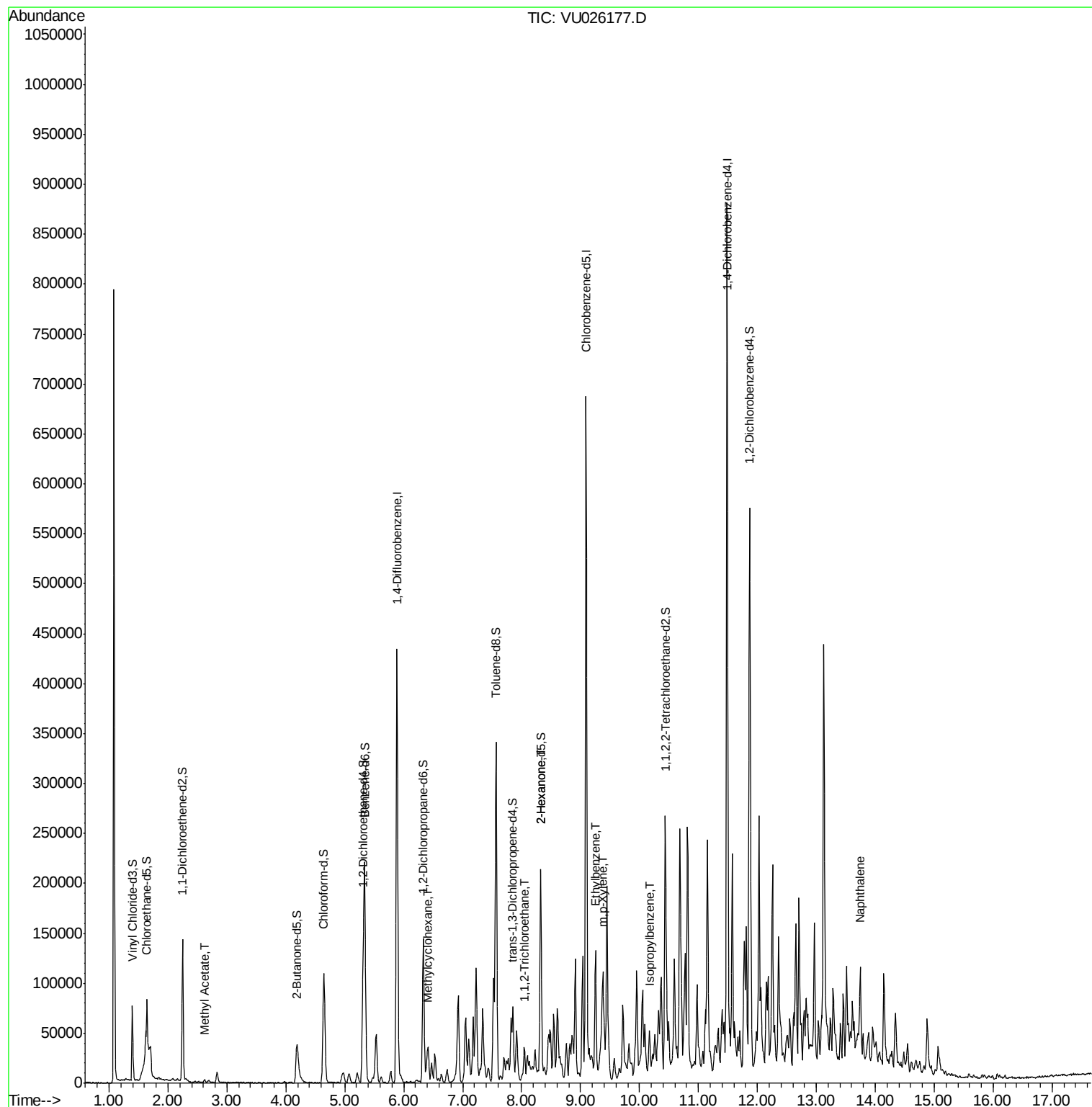
					Ovalue
15) Methyl Acetate	2.62	43	3580	1.349 ug/L	95
35) Methylcyclohexane	6.41	83	14390	3.552 ug/L #	82
45) 1,1,2-Trichloroethane	8.05	97	10663	3.887 ug/L #	20
48) 2-Hexanone	8.33	43	25513	9.073 ug/L #	34
52) Ethylbenzene	9.25	91	58066	4.846 ug/L	97
53) m,p-Xylene	9.38	106	24440	5.292 ug/L	96
56) Isopropylbenzene	10.17	105	18521	1.566 ug/L	98
69) Naphthalene	13.75	128	62844	5.927 ug/L	99

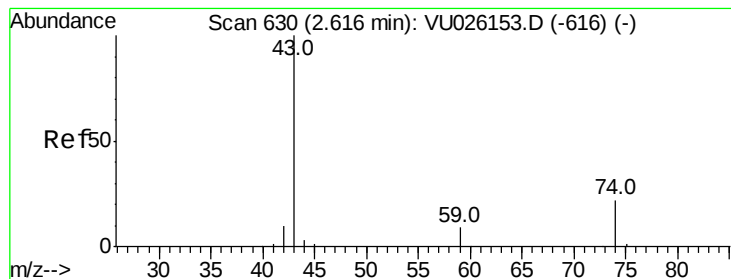
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methvl Acetate

Concen: 1.349 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU026177.D

Acq: 16 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

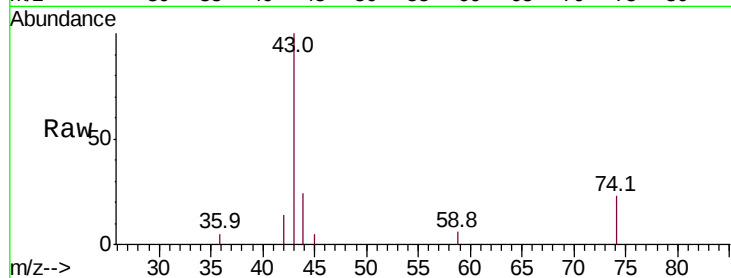
GAB07

Tot Ion: 43 Resp: 3580

Ion Ratio Lower Upper

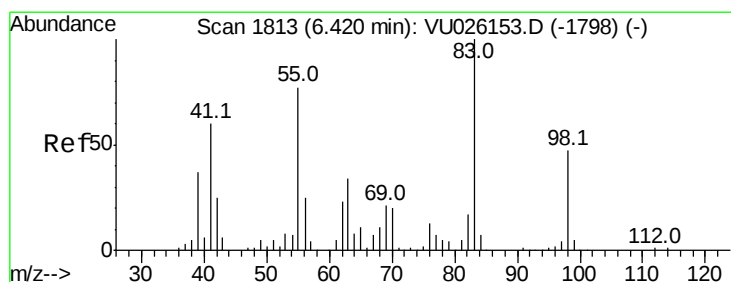
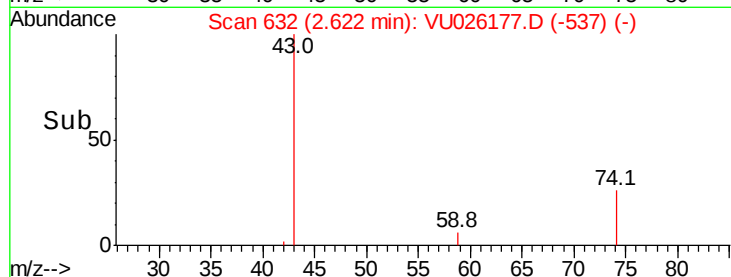
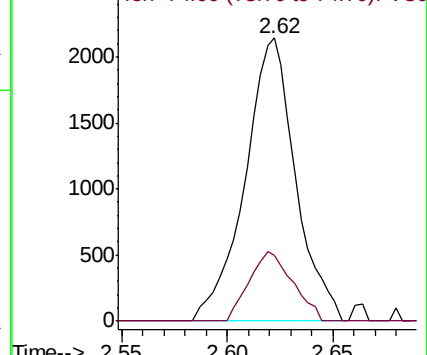
43 100

74 21.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#35

Methylcyclohexane

Concen: 3.552 ug/L

RT: 6.41 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VU026177.D

Acq: 16 Aug 2018 15:34

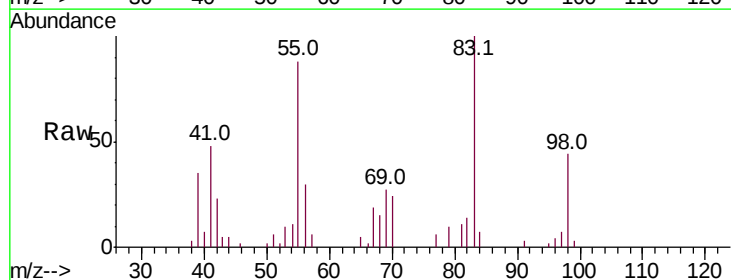
Tgt Ion: 83 Resp: 14390

Ion Ratio Lower Upper

83 100

55 96.3 61.0 91.6#

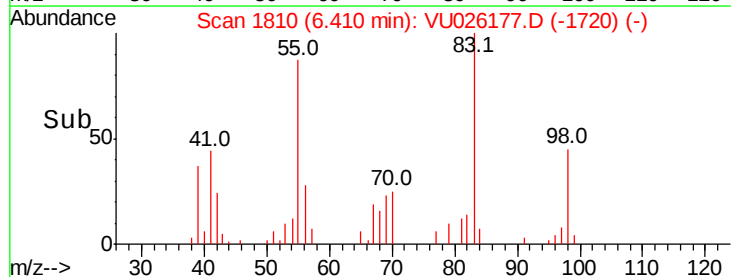
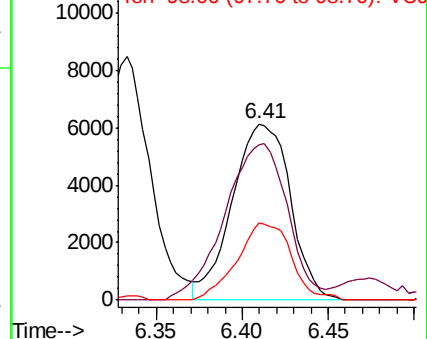
98 40.3 37.6 56.4

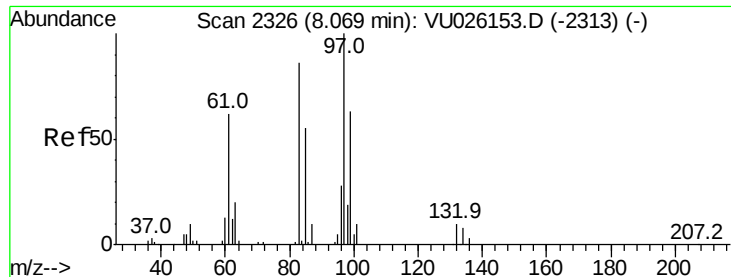


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

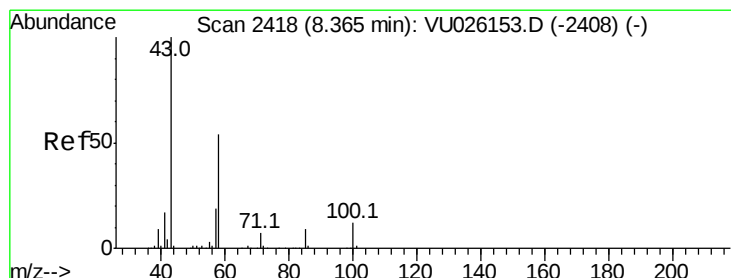
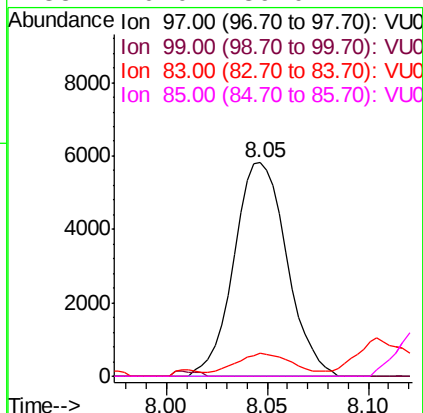
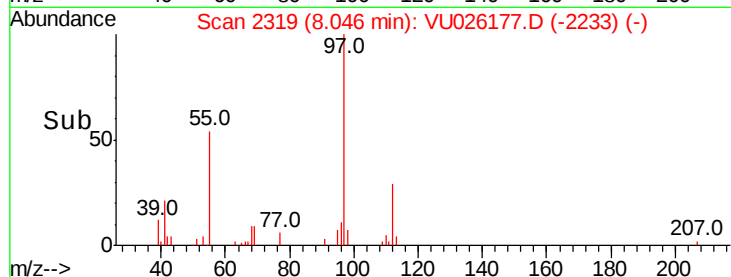
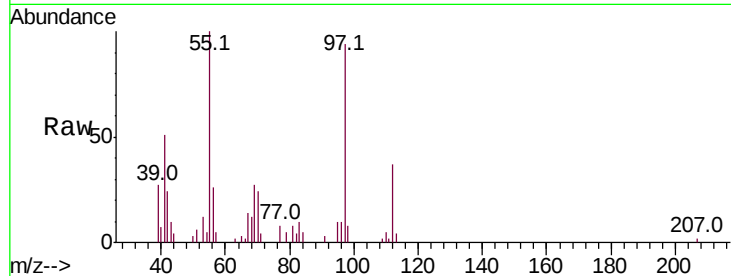




#45
 1,1,2-Trichloroethane
 Concen: 3.887 ug/L
 RT: 8.05 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: VU026177.D
 Acq: 16 Aug 2018 15:34

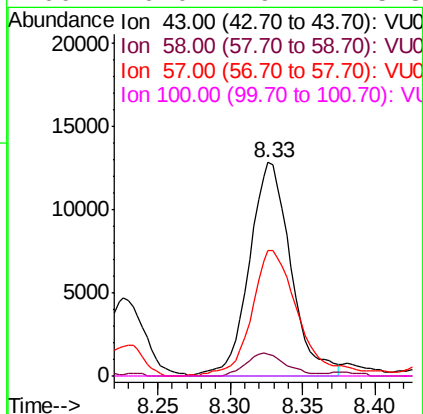
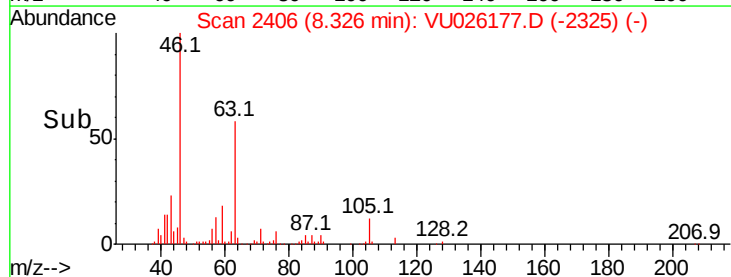
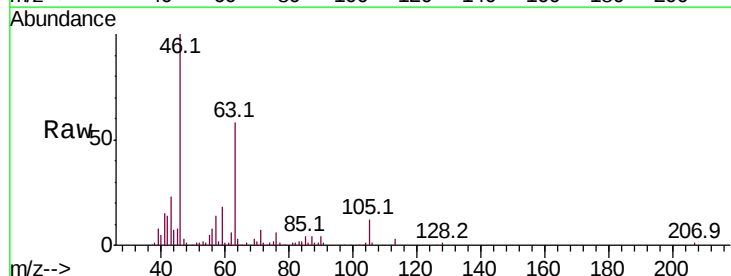
Instrument :
 MSVOA_U
 ClientSampleId :
 GAB07

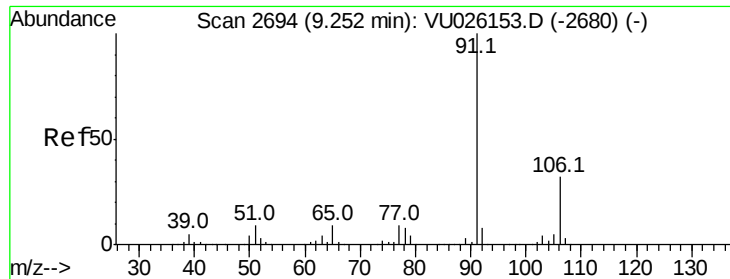
Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.3	80.5#
83	10.5	58.4	108.6#
85	0.0	39.0	72.4#



#48
 2-Hexanone
 Concen: 9.073 ug/L
 RT: 8.33 min Scan# 2406
 Delta R.T. -0.04 min
 Lab File: VU026177.D
 Acq: 16 Aug 2018 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	10.3	42.9	64.3#
57	65.6	15.1	22.7#
100	0.0	9.2	13.8#





#52

Ethylbenzene

Concen: 4.846 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU026177.D

Acq: 16 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampled :

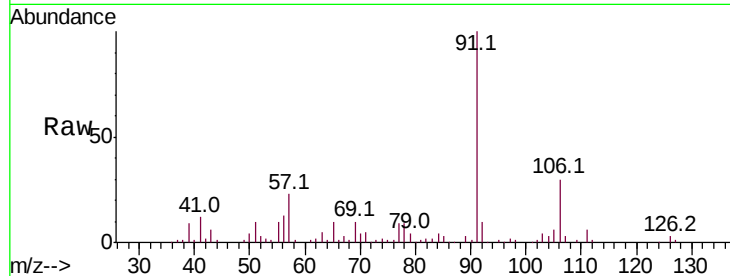
GAB07

Tot Ion: 91 Resp: 58066

Ion Ratio Lower Upper

91 100

106 30.3 22.3 41.5



Abundance Ion 91.00 (90.70 to 91.70): VU026177.D (-2601) (-)

Ion 106.00 (105.70 to 106.70): VU026177.D (-2601) (-)

9.25

40000

30000

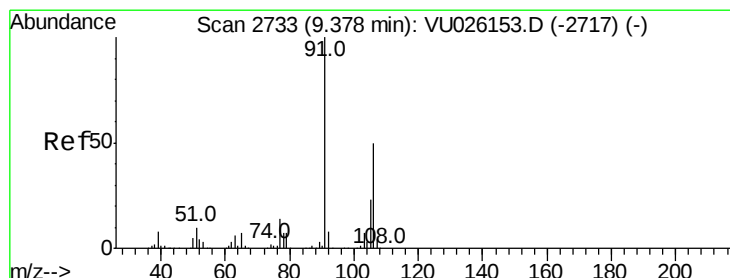
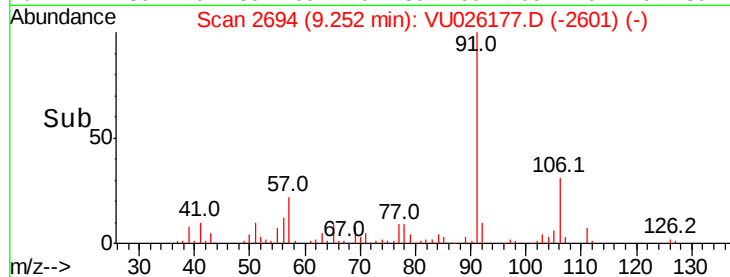
20000

10000

0

9.20 9.25 9.30

Time-->



#53

m,p-Xylene

Concen: 5.292 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU026177.D

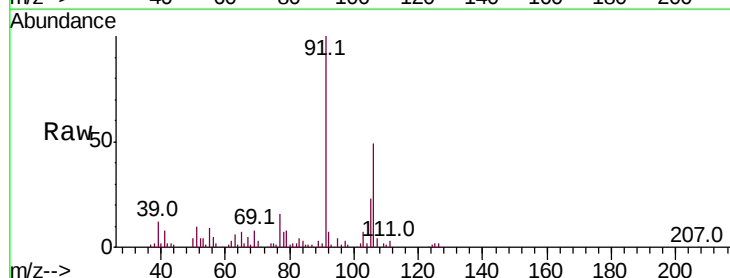
Acq: 16 Aug 2018 15:34

Tgt Ion: 106 Resp: 24440

Ion Ratio Lower Upper

106 100

91 204.2 139.2 258.4



Abundance Ion 106.00 (105.70 to 106.70): VU026177.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU026177.D (-2640) (-)

9.38

30000

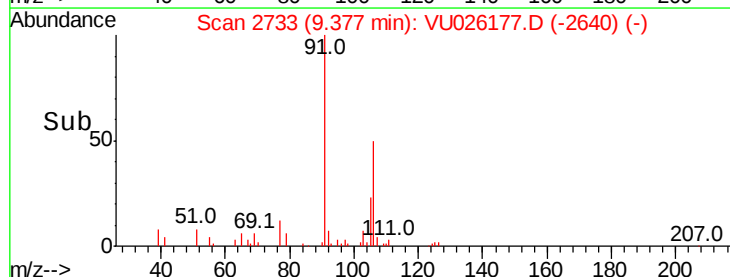
20000

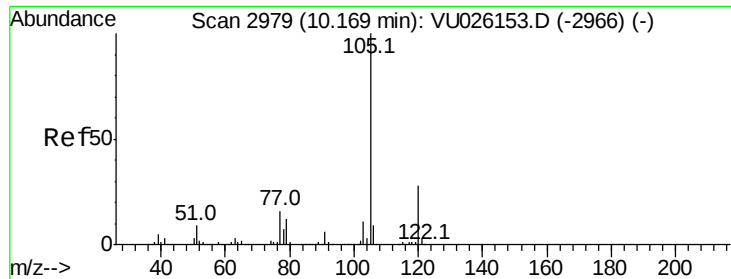
10000

0

9.30 9.35 9.40 9.45

Time-->





#56

Isopropylbenzene

Concen: 1.566 ug/L

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU026177.D

Acq: 16 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

GAB07

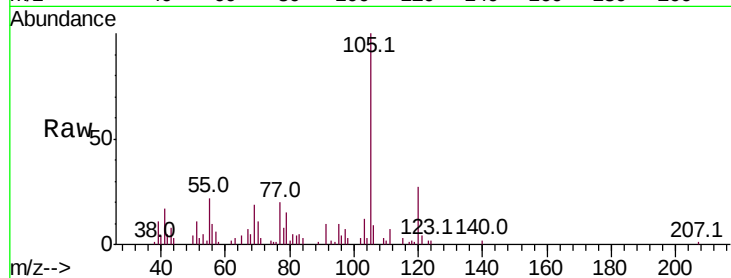
Tot Ion:105 Resp: 18521

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

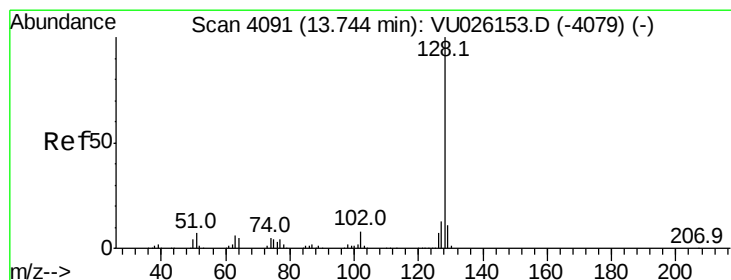
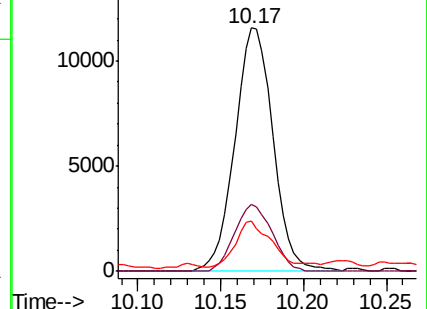
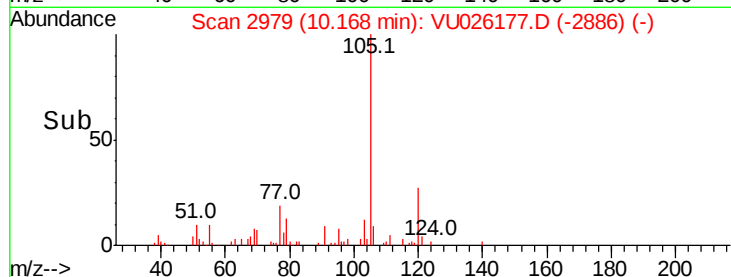
77 17.4 12.3 18.5



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): VU



#69

Naphthalene

Concen: 5.927 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU026177.D

Acq: 16 Aug 2018 15:34

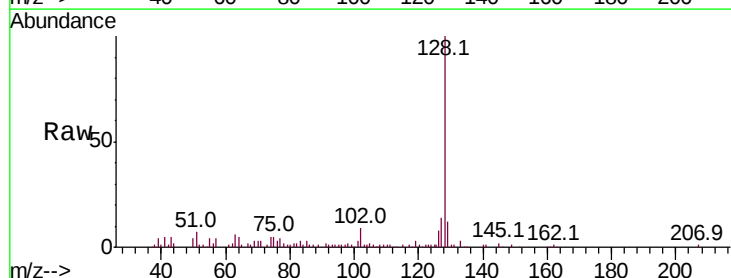
Tgt Ion:128 Resp: 62844

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.8 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

