

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023692.D
 Acq On : 06 May 2018 15:57
 Operator : MD/SY
 Sample : J2691-02ME
 Misc : 6.36µ/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 07 01:58:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	395593	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	386438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	210561	50.00	ug/L	0.00

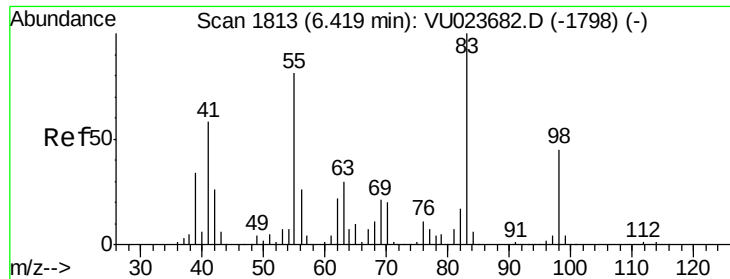
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107975	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.02%
7) Chloroethane-d5	1.64	69	54303	25.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.82%#
11) 1,1-Dichloroethene-d2	2.23	63	145632	26.64	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.28%#
21) 2-Butanone-d5	4.19	46	200033	103.26	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.65	84	188728	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.31	65	133982	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
32) Benzene-d6	5.34	84	422075	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.33	67	143235	41.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.48%
41) Toluene-d8	7.57	98	392153	41.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.06%
43) trans-1,3-Dichloropropene-	7.85	79	60532	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
47) 2-Hexanone-d5	8.33	63	156791	118.89	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.89%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	212059	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.87	152	179996	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%

Target Compounds

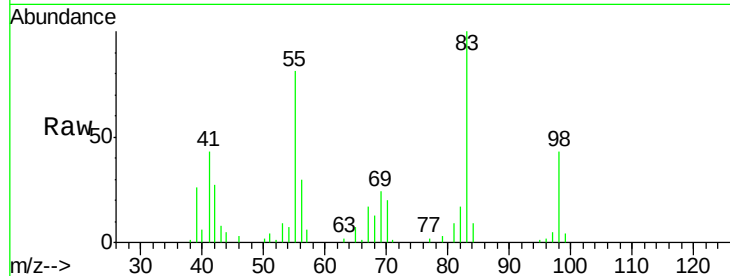
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.41	83	20627	3.78	ug/L	93
42) Toluene	7.64	91	167320	11.85	ug/L	99
52) Ethylbenzene	9.26	91	47834	3.13	ug/L	99
53) m,p-Xylene	9.38	106	88707	15.20	ug/L	97
54) o-xylene	9.79	106	50474	9.13	ug/L	99

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

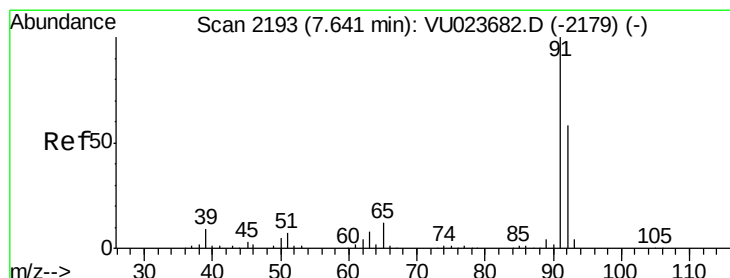
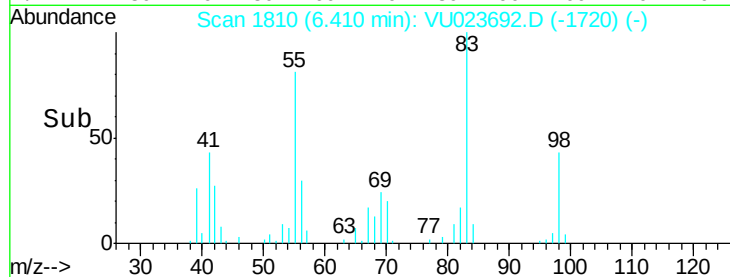
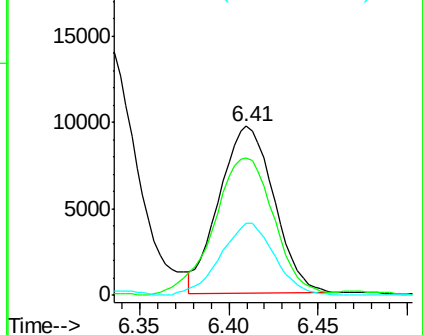


#35
Methylvlcyclohexane
Concen: 3.78 ug/L
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
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Acq: 06 May 2018 15:57

Tot Ion: 83 Resp: 20627
Ion Ratio Lower Upper
83 100
55 90.5 66.7 100.1
98 42.5 36.6 54.8

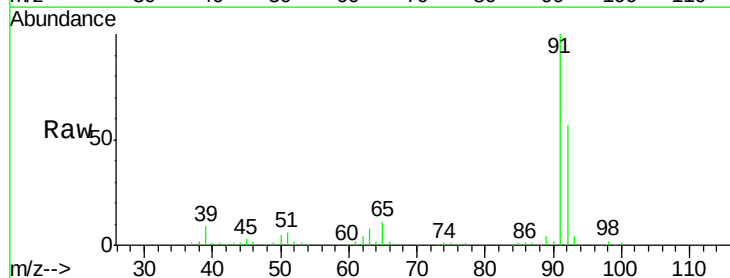


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

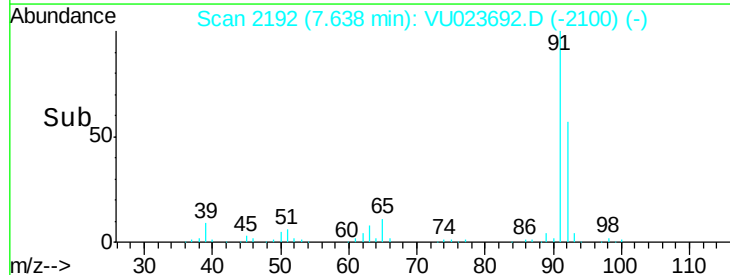
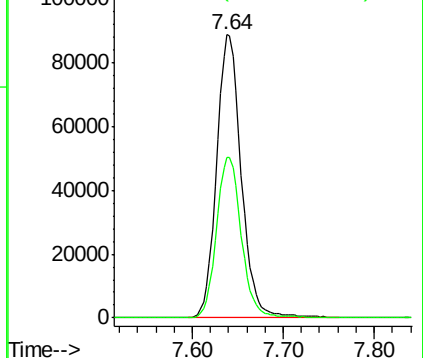


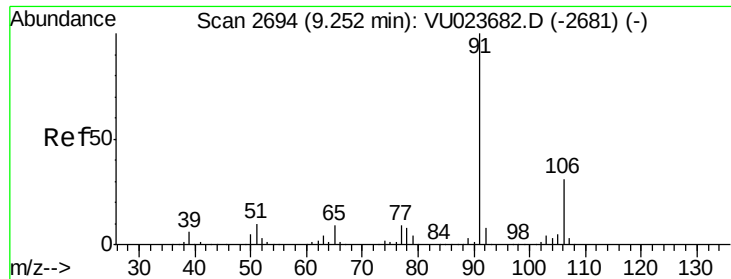
#42
Toluene
Concen: 11.85 ug/L
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU023692.D
Acq: 06 May 2018 15:57

Tgt Ion: 91 Resp: 167320
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.9



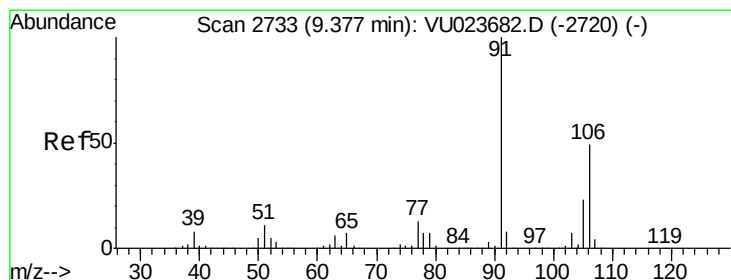
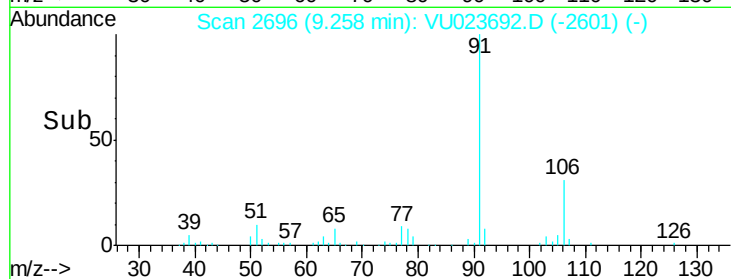
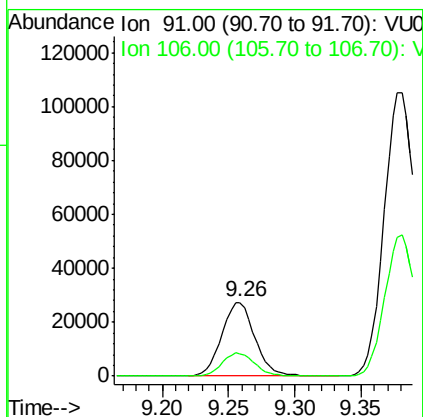
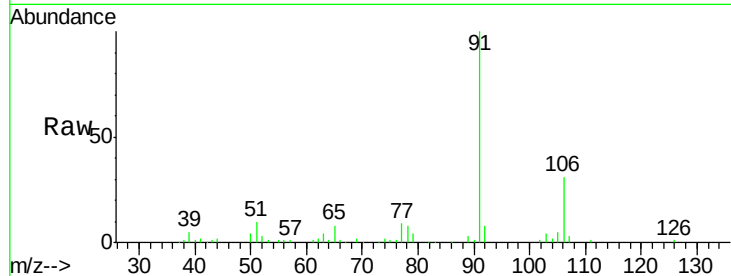
Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





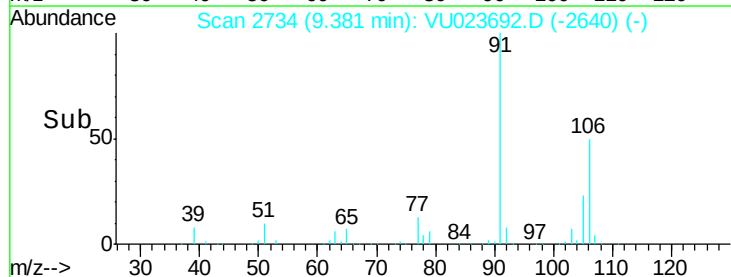
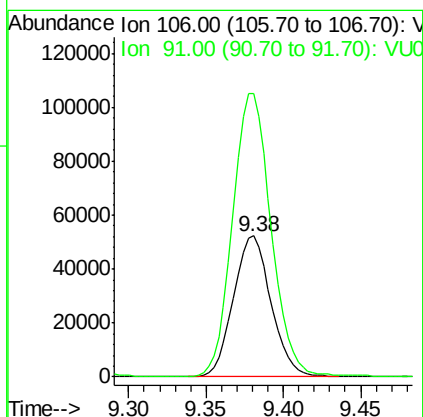
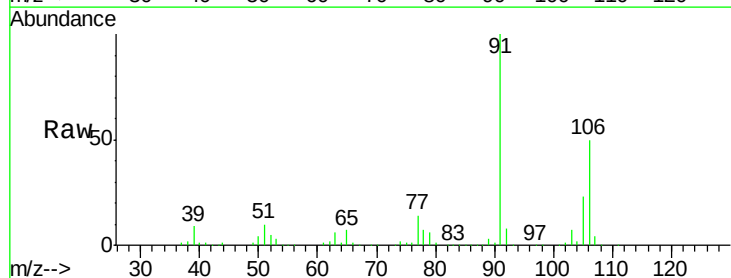
#52
Ethylbenzene
Concen: 3.13 ug/L
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU023692.D
Acq: 06 May 2018 15:57

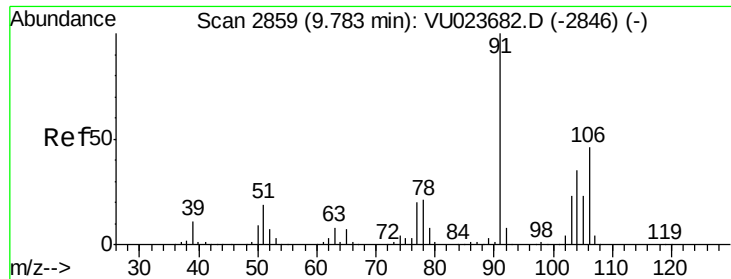
Tot Ion: 91 Resp: 47834
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 15.20 ug/L
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU023692.D
Acq: 06 May 2018 15:57

Tgt Ion: 106 Resp: 88707
Ion Ratio Lower Upper
106 100
91 201.1 144.1 267.5





#54
o-xylene
Concen: 9.13 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023692.D
Acq: 06 May 2018 15:57

Tot Ion:106 Resp: 50474
Ion Ratio Lower Upper
106 100
91 214.9 148.9 276.5

