

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033317.D
 Acq On : 18 Jul 2019 14:23
 Operator : JC/SP
 Sample : K3831-04
 Misc : 12.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR1

Quant Time: Jul 22 16:12:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	362838	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	364585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	209238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117738	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.63	69	86124	36.70	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.22	63	207634	41.68	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
21) 2-Butanone-d5	4.17	46	184418	105.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.97%
24) Chloroform-d	4.62	84	218233	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.28	65	145224	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.31	84	463320	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.31	67	143910	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.55	98	452854	53.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.38%
43) trans-1,3-Dichloropropene-	7.83	79	76730	54.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.24%
47) 2-Hexanone-d5	8.31	63	156616	121.26	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.26%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	238575	55.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	198399	53.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.34%

Target Compounds

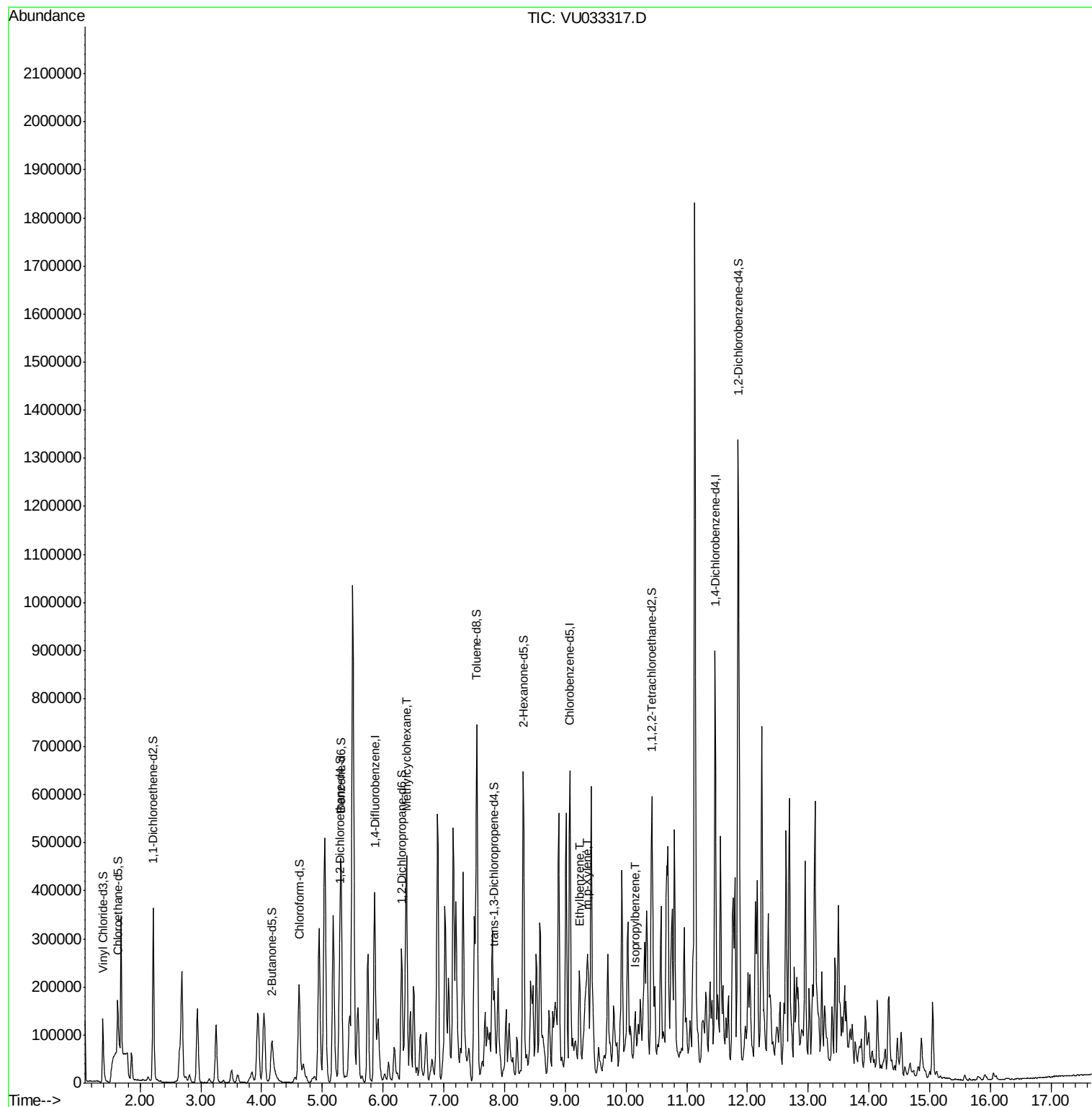
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	200761	47.132	ug/L	91
52) Ethylbenzene	9.24	91	62872	5.126	ug/L	98
53) m,p-Xylene	9.36	106	48868	10.518	ug/L	100
56) Isopropylbenzene	10.15	105	40087	3.377	ug/L	98

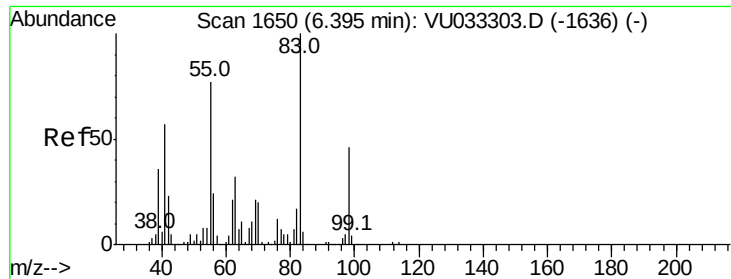
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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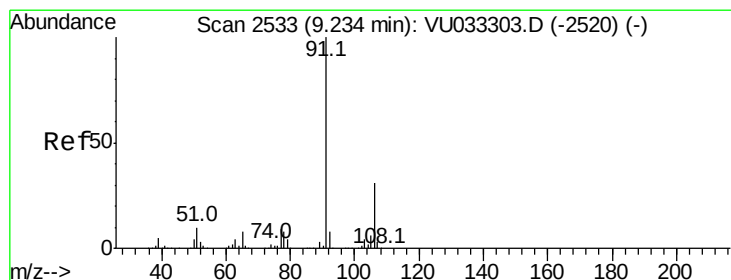
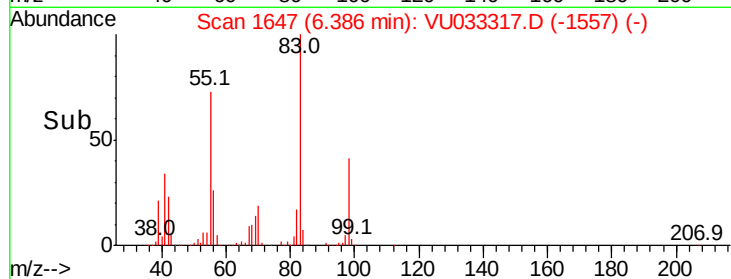
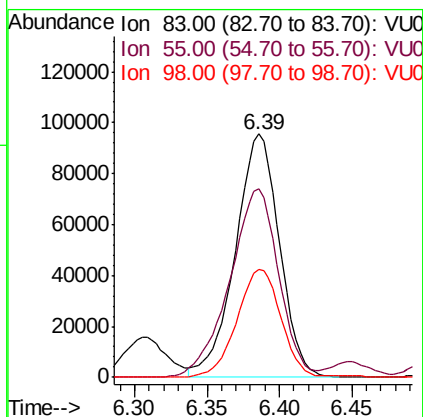
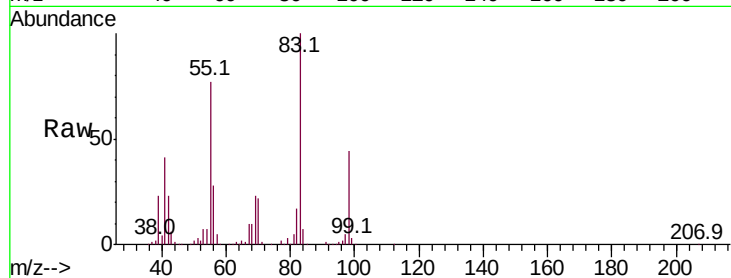




#35
Methylvlcyclohexane
Concen: 47.132 ug/L
RT: 6.39 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU033317.D
Acq: 18 Jul 2019 14:23

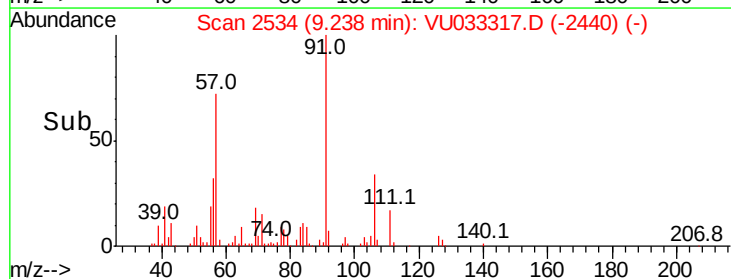
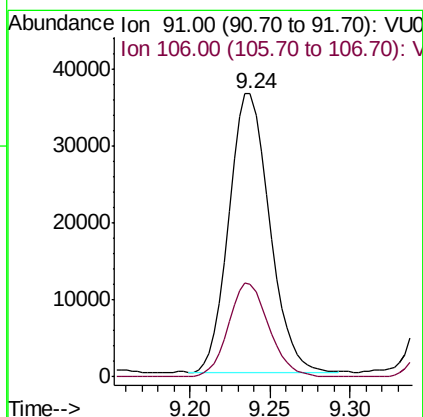
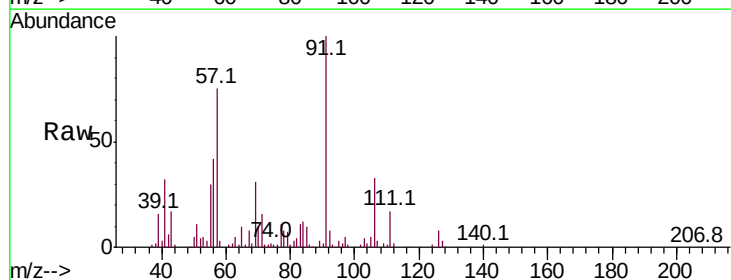
Instrument :
MSVOA_U
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GAMR1

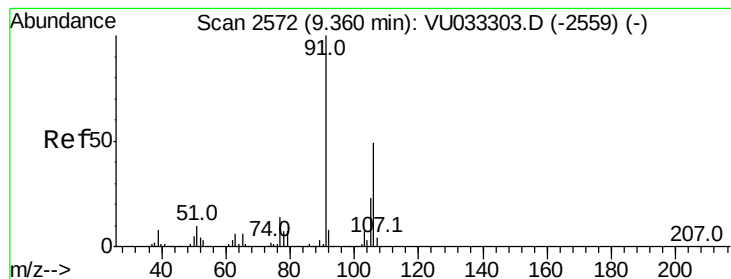
Tot Ion: 83 Resp: 200761
Ion Ratio Lower Upper
83 100
55 85.6 60.5 90.7
98 44.5 37.4 56.0



#52
Ethylbenzene
Concen: 5.126 ug/L
RT: 9.24 min Scan# 2534
Delta R.T. 0.00 min
Lab File: VU033317.D
Acq: 18 Jul 2019 14:23

Tgt Ion: 91 Resp: 62872
Ion Ratio Lower Upper
91 100
106 32.9 22.2 41.2





#53

m,p-Xylene

Concen: 10.518 ug/L

RT: 9.36 min Scan# 2573

Delta R.T. 0.00 min

Lab File: VU033317.D

Acq: 18 Jul 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

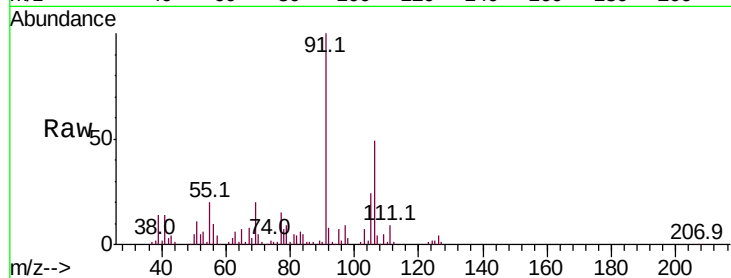
GAMR1

Tot Ion:106 Resp: 48868

Ion Ratio Lower Upper

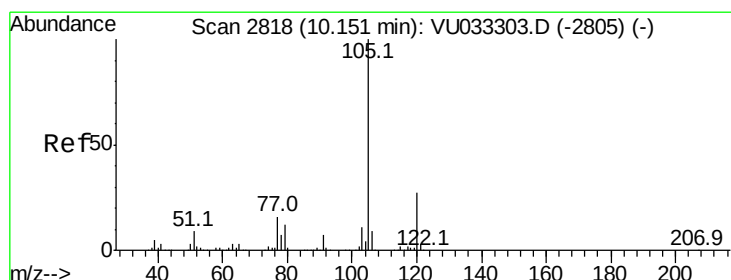
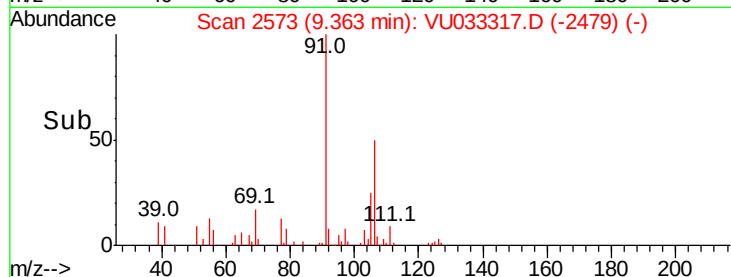
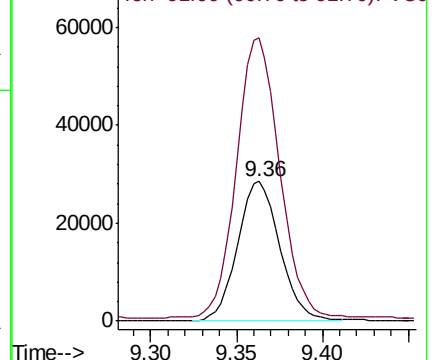
106 100

91 202.4 141.3 262.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 3.377 ug/L

RT: 10.15 min Scan# 2819

Delta R.T. 0.00 min

Lab File: VU033317.D

Acq: 18 Jul 2019 14:23

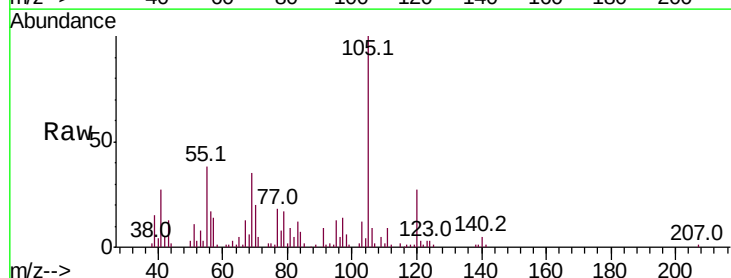
Tgt Ion:105 Resp: 40087

Ion Ratio Lower Upper

105 100

120 26.6 21.2 31.8

77 18.0 12.9 19.3



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): VU0

