

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033318.D
 Acq On : 18 Jul 2019 14:46
 Operator : JC/SP
 Sample : K3831-01
 Misc : 16.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0

Quant Time: Jul 22 16:13:15 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	384183	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	383589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	223374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126730	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.16%
7) Chloroethane-d5	1.63	69	98754	39.75	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.50%
11) 1,1-Dichloroethene-d2	2.22	63	212767	40.33	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.66%
21) 2-Butanone-d5	4.16	46	195036	105.84	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	4.62	84	222291	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.28	65	143511	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
32) Benzene-d6	5.31	84	477518	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.31	67	149954	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.55	98	485782	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%
43) trans-1,3-Dichloropropene-	7.83	79	80881	54.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.44%
47) 2-Hexanone-d5	8.31	63	164135	120.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.78%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	244600	53.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	215219	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

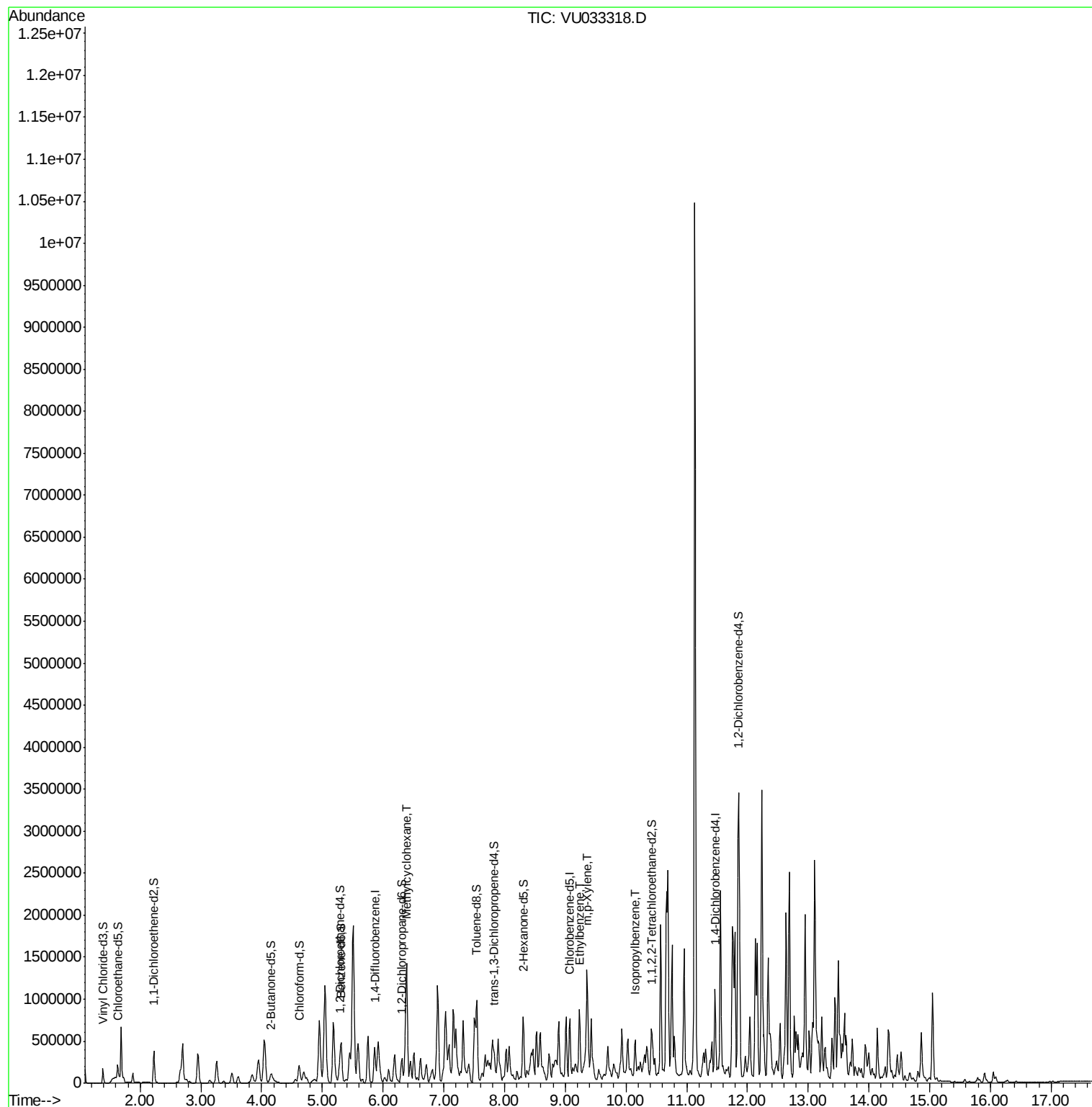
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	625991	139.682	ug/L	93
52) Ethylbenzene	9.23	91	450877	34.938	ug/L	100
53) m,p-Xylene	9.36	106	331381	67.793	ug/L	98
56) Isopropylbenzene	10.15	105	243188	19.471	ug/L	99

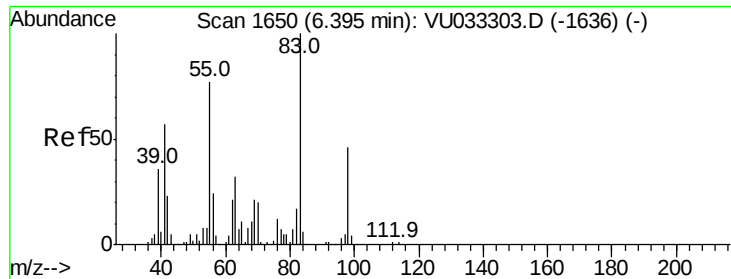
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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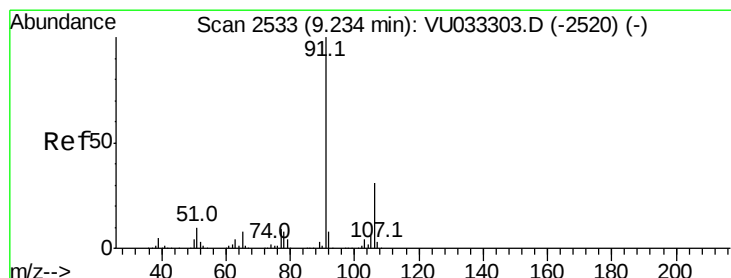
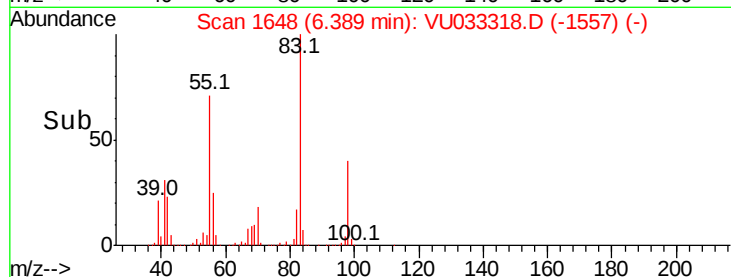
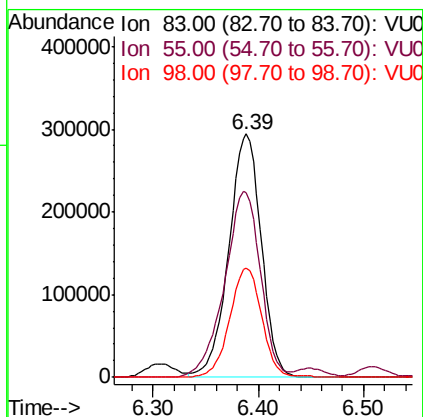
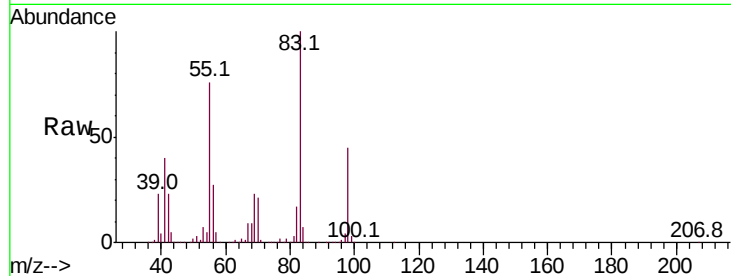




#35
Methvlcvclohexane
Concen: 139.682 ug/L
RT: 6.39 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VU033318.D
Acq: 18 Jul 2019 14:46

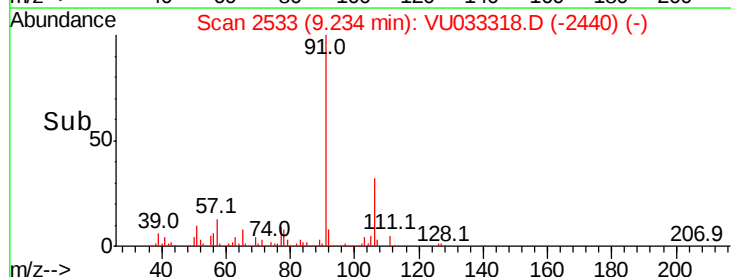
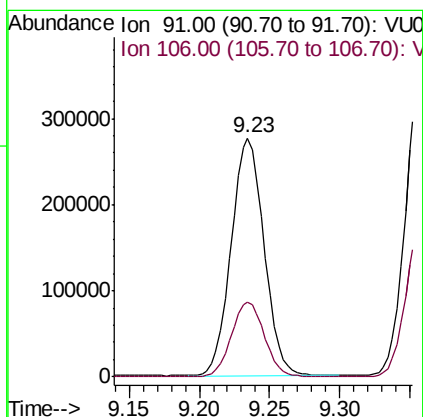
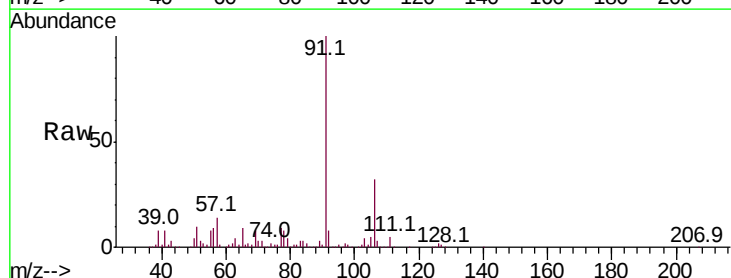
Instrument :
MSVOA_U
ClientSampleId :
GAMR0

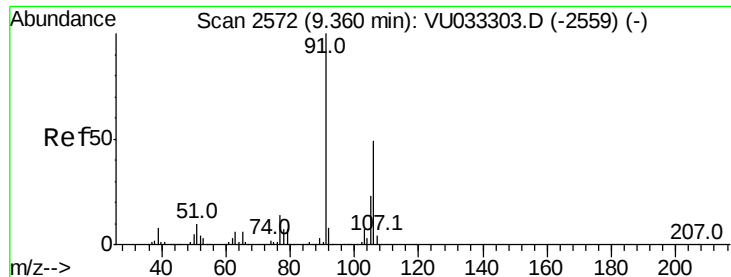
Tot Ion: 83 Resp: 625991
Ion Ratio Lower Upper
83 100
55 84.1 60.5 90.7
98 44.5 37.4 56.0



#52
Ethylbenzene
Concen: 34.938 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033318.D
Acq: 18 Jul 2019 14:46

Tgt Ion: 91 Resp: 450877
Ion Ratio Lower Upper
91 100
106 31.6 22.2 41.2





#53

m,p-Xylene

Concen: 67.793 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. -0.00 min

Lab File: VU033318.D

Acq: 18 Jul 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

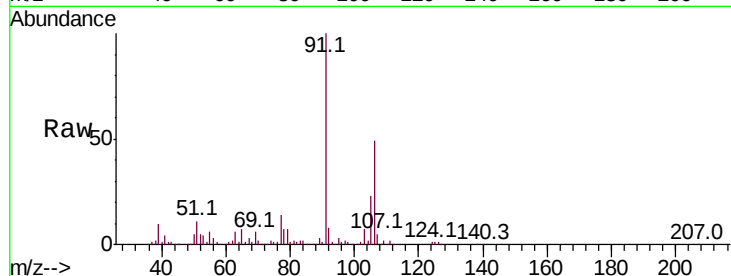
GAMR0

Tot Ion:106 Resp: 331381

Ion Ratio Lower Upper

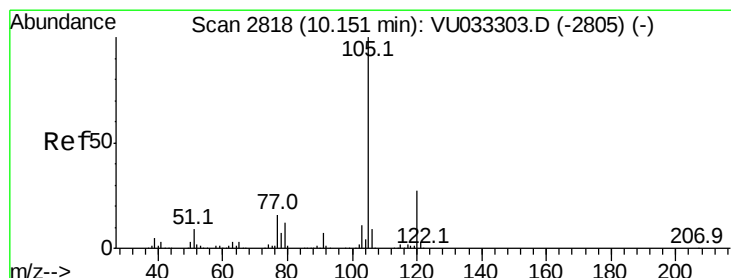
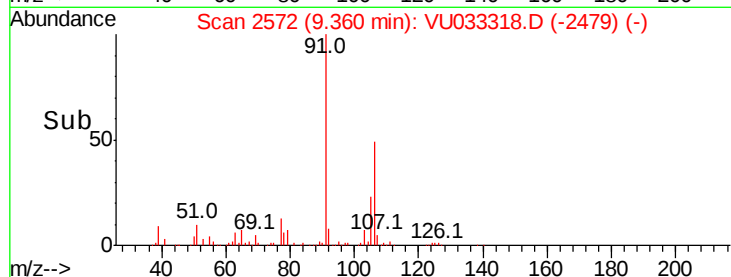
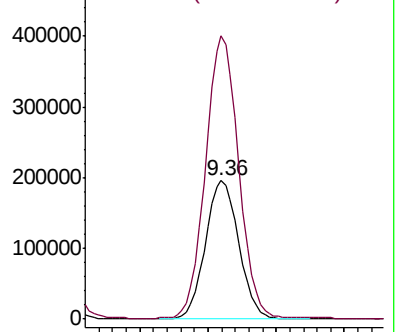
106 100

91 204.3 141.3 262.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 19.471 ug/L

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033318.D

Acq: 18 Jul 2019 14:46

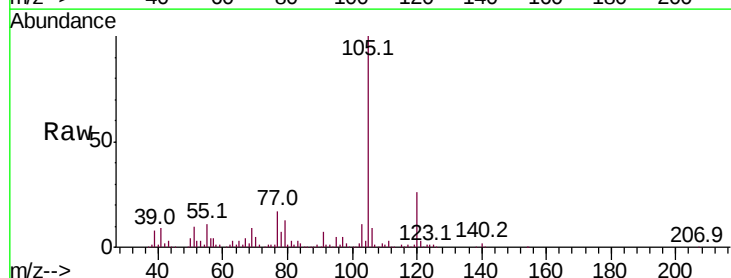
Tgt Ion:105 Resp: 243188

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

77 16.6 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

