

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110119\
 Data File : VU035595.D
 Acq On : 01 Nov 2019 12:16
 Operator : JC/SP
 Sample : K5631-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE879

Quant Time: Nov 01 16:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 17:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	678256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	652972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	215783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	224657	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.93	69	198220	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.59	63	292293	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.69	46	332921	104.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	5.11	84	419712	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.75	65	260363	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.77	84	876725	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.74	67	286336	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.93	98	802155	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	8.21	79	128218	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.86%
47) 2-Hexanone-d5	8.68	63	217144	102.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	384819	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	231080	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

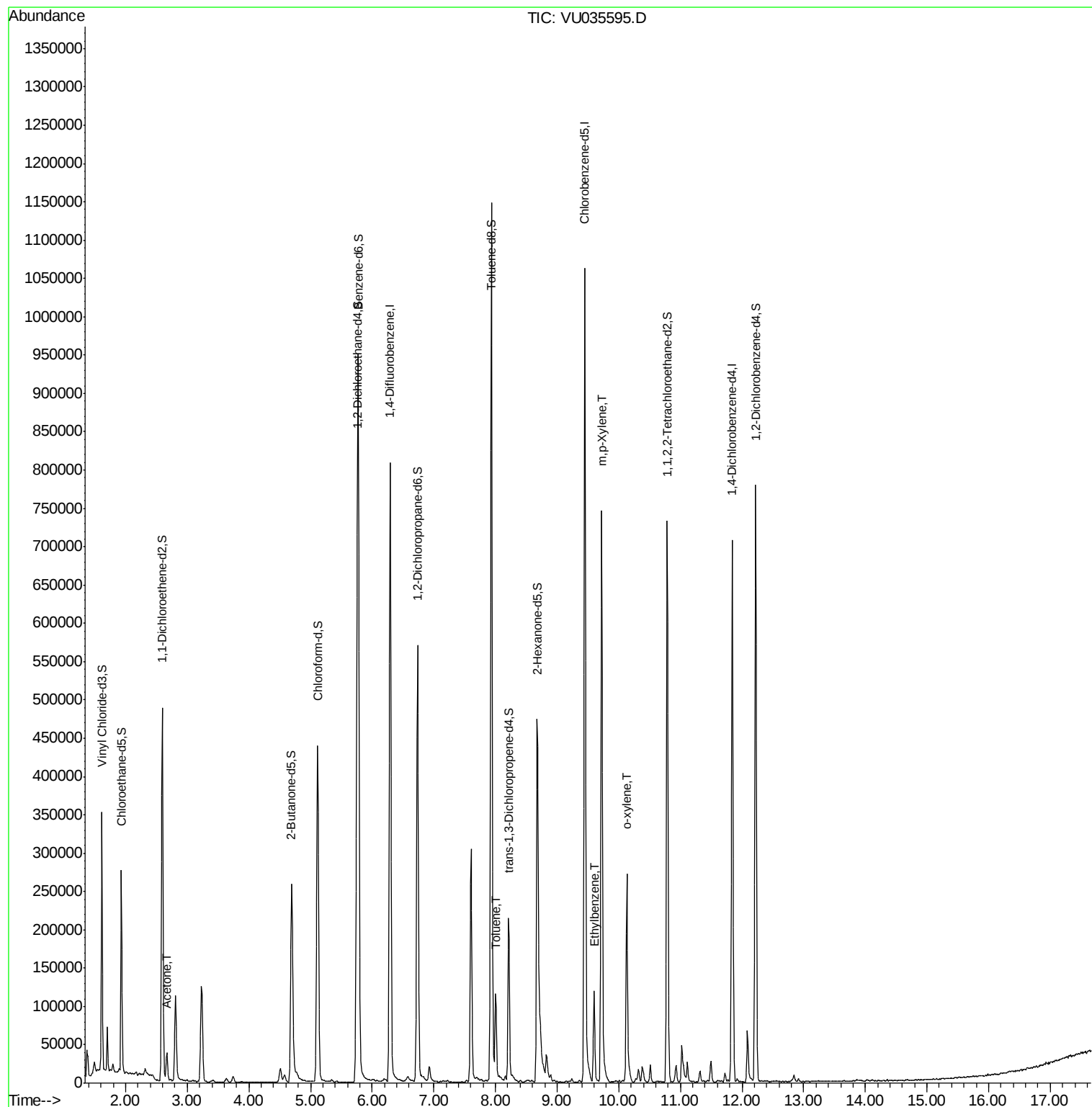
					Qvalue
13) Acetone	2.67	43	39211	13.928 ug/L	99
42) Toluene	8.01	91	79222	4.119 ug/L	98
52) Ethylbenzene	9.60	91	86141	4.189 ug/L	97
53) m,p-Xylene	9.72	106	232197	30.094 ug/L	97
54) o-xylene	10.13	106	79082	10.487 ug/L	98

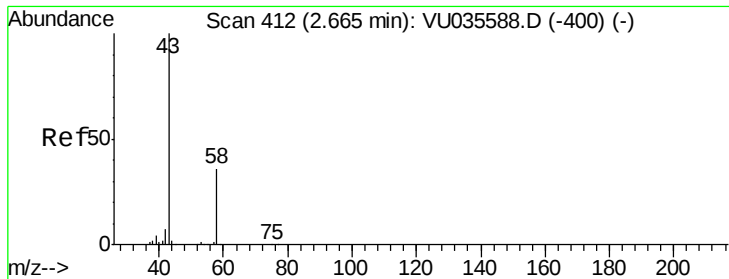
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.928 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

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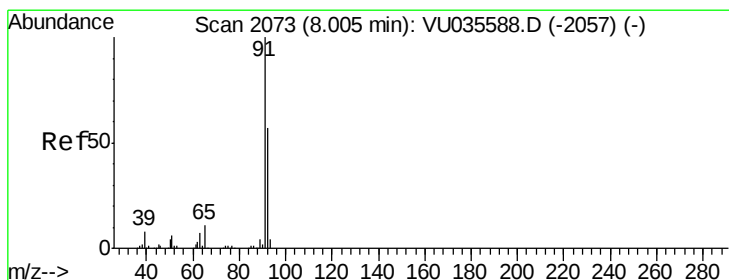
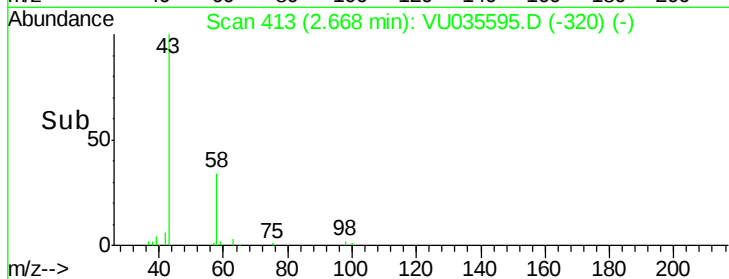
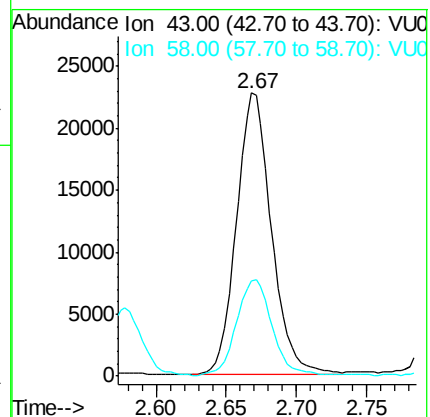
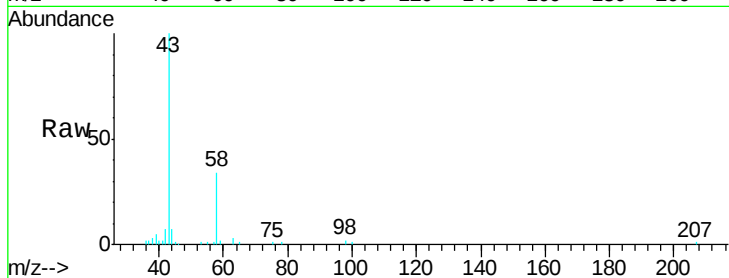
BE879

Tgt Ion: 43 Resp: 39211

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#42

Toluene

Concen: 4.119 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035595.D

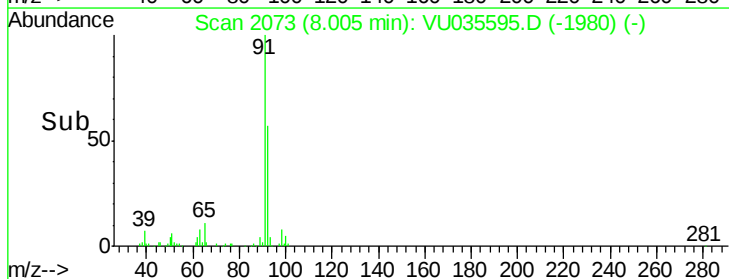
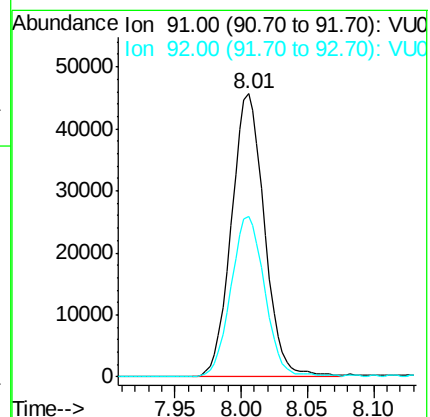
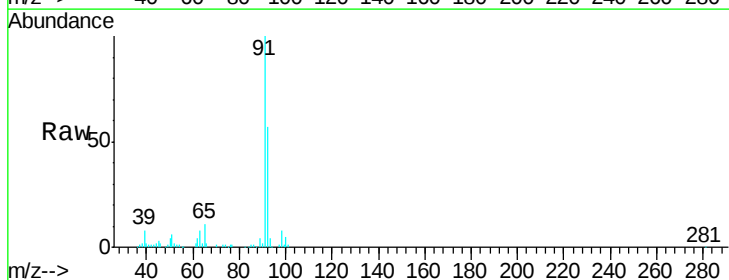
Acq: 01 Nov 2019 12:16

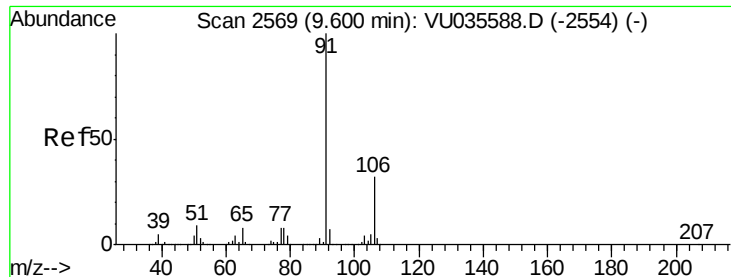
Tgt Ion: 91 Resp: 79222

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.1





#52

Ethylbenzene

Concen: 4.189 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035595.D

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Instrument :

MSVOA_U

ClientSampleId :

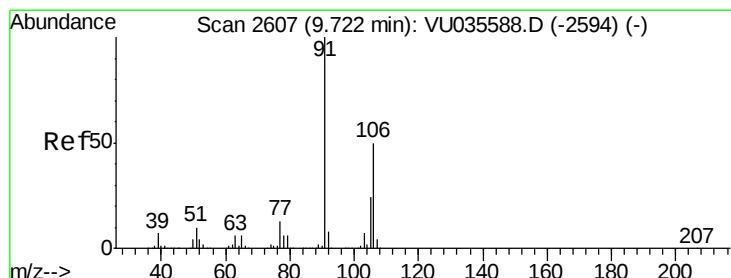
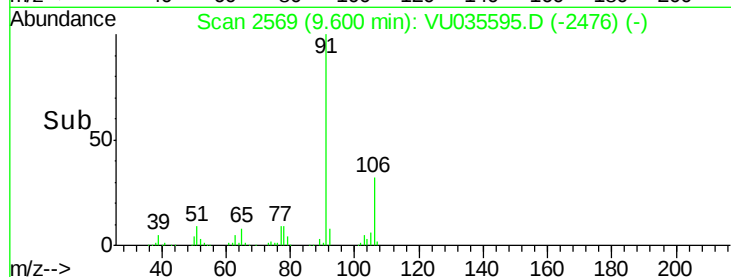
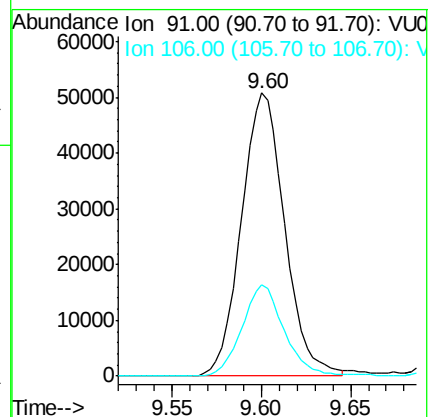
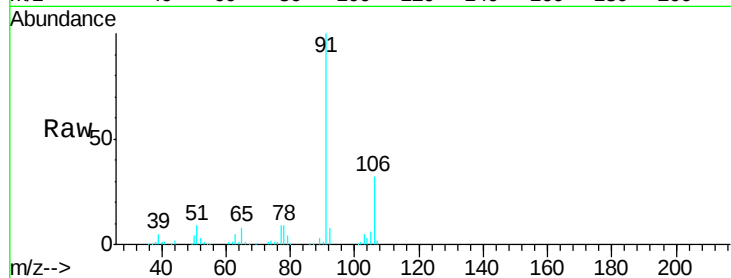
BE879

Tgt Ion: 91 Resp: 86141

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.0



#53

m,p-Xylene

Concen: 30.094 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035595.D

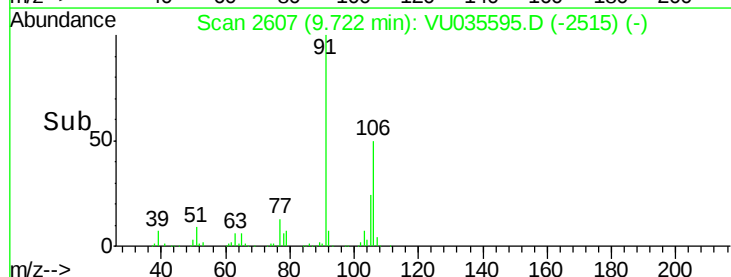
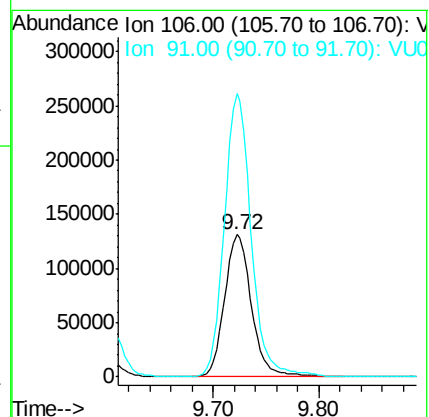
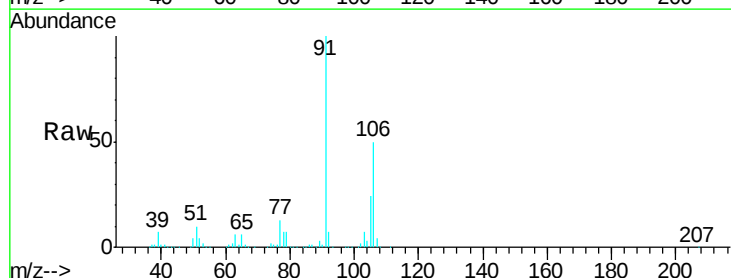
Acq: 01 Nov 2019 12:16

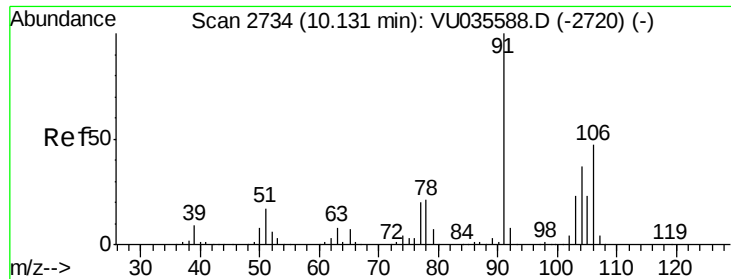
Tgt Ion: 106 Resp: 232197

Ion Ratio Lower Upper

106 100

91 199.3 142.7 264.9





#54
 o-xylene
 Concen: 10.487 ug/L
 RT: 10.13 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VU035595.D
 Acq: 01 Nov 2019 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BE879

Tgt Ion:106 Resp: 79082
 Ion Ratio Lower Upper
 106 100
 91 213.2 147.1 273.1

