

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031696.D
 Acq On : 01 May 2019 19:45
 Operator : JC/SP
 Sample : K2603-10
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ62

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 9:30:56 AM

Quant Time: May 02 06:54:05 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Thu May 02 02:23:23 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1061824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1005662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	465251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	233274	26.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.50%#
7) Chloroethane-d5	1.68	69	192096	27.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.94%#
11) 1,1-Dichloroethene-d2	2.24	63	384870	21.75	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.50%#
21) 2-Butanone-d5	4.22	46	702316	87.23	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.23%
24) Chloroform-d	4.64	84	563971	34.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.30%#
26) 1,2-Dichloroethane-d4	5.31	65	390960	36.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.54%
32) Benzene-d6	5.33	84	1150686	37.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.52%
36) 1,2-Dichloropropane-d6	6.33	67	427699	39.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.74%
41) Toluene-d8	7.56	98	1008906	37.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.02%#
43) trans-1,3-Dichloropropene-	7.85	79	189728	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
47) 2-Hexanone-d5	8.34	63	520161	110.61	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.61%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	581170	39.86	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	400288	40.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.82%

Target Compounds

					Ovalue
33) Benzene	5.38	78	5701262	154.196	ug/L 100
42) Toluene	7.64	91	1085510	29.473	ug/L 97
52) Ethylbenzene	9.25	91	16452939m	430.646	ug/L
53) m,p-Xylene	9.38	106	6715224	504.478	ug/L 97
54) o-xylene	9.78	106	3202720	242.690	ug/L 96
56) Isopropylbenzene	10.17	105	346350	9.981	ug/L 99

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

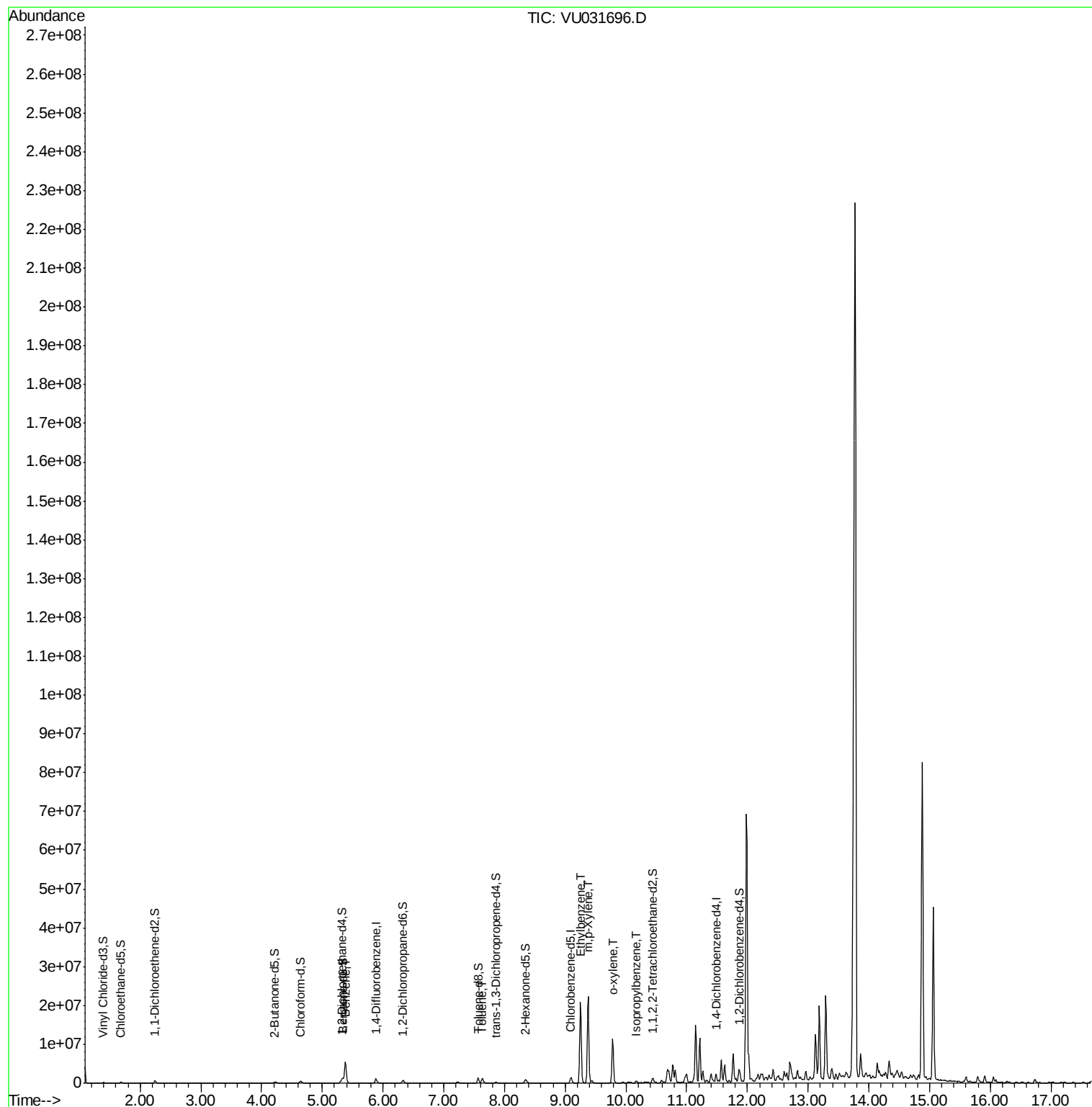
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
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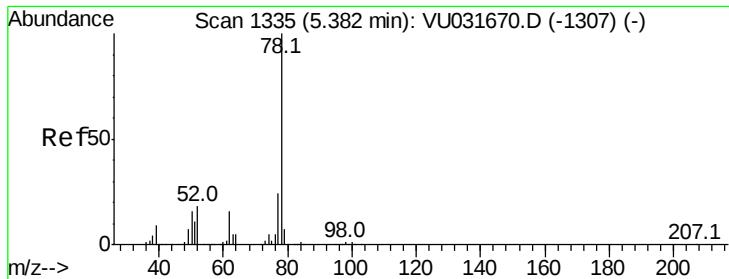
Instrument :
MSVOA_U
ClientSampleId :
GAJ62

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Quant Time: May 02 06:54:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





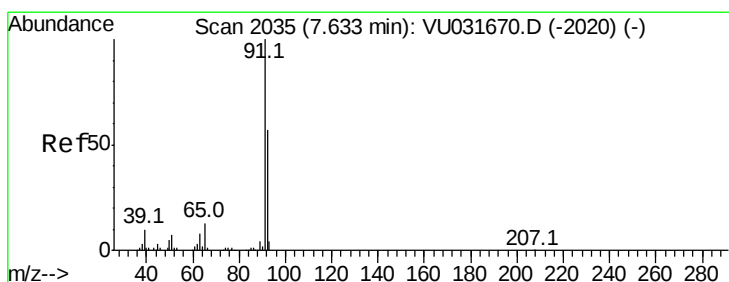
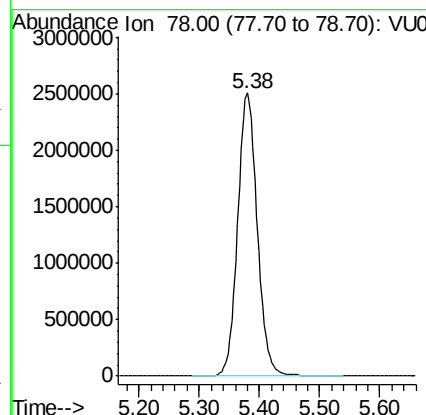
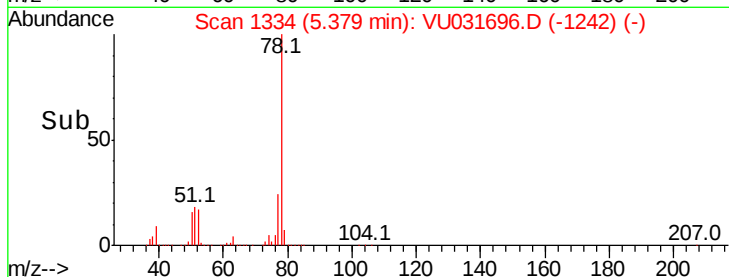
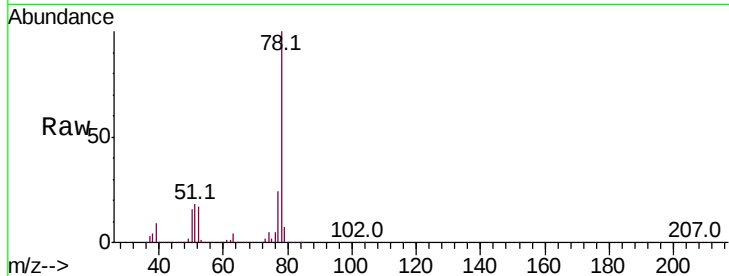
#33
Benzene
Concen: 154.196 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
GAJ62

Tgt Ion: 78 Resp: 5701262

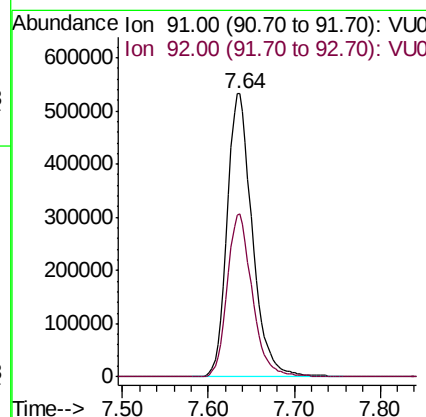
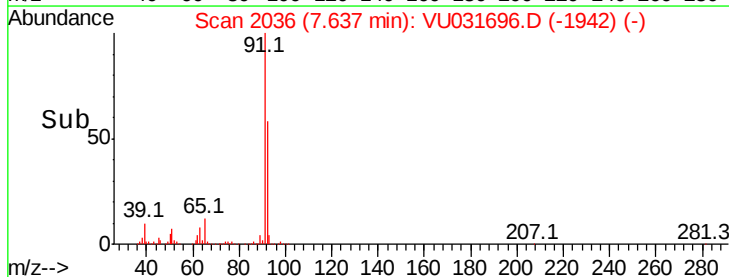
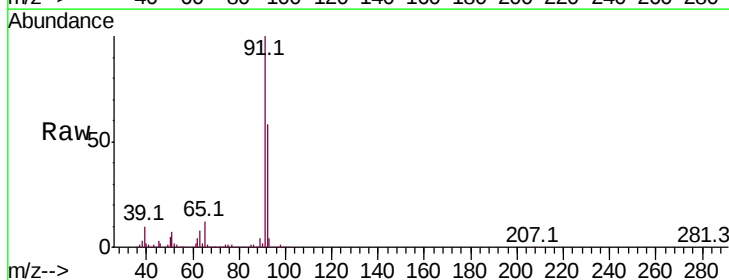
Manual Integrations
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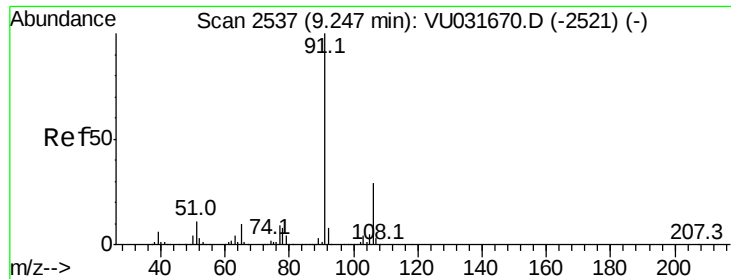
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#42
Toluene
Concen: 29.473 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Tgt Ion: 91 Resp: 1085510
Ion Ratio Lower Upper
91 100
92 57.6 39.0 72.4





#52

Ethylbenzene

Concen: 430.646 ug/L m

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031696.D

Acq: 01 May 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

GAJ62

Tot Ion: 91 Resp: 16452939

Ion Ratio Lower Upper

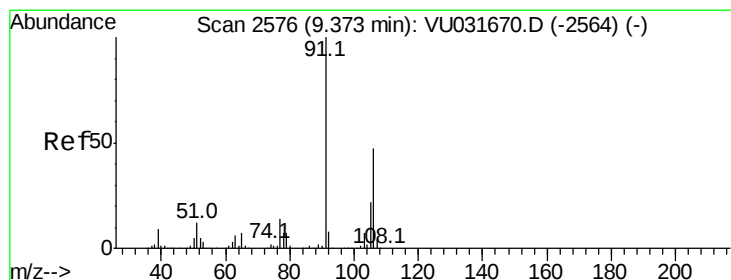
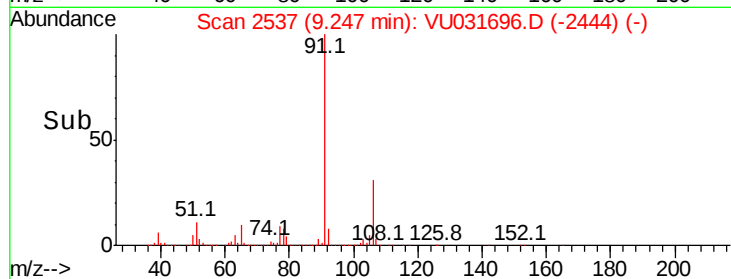
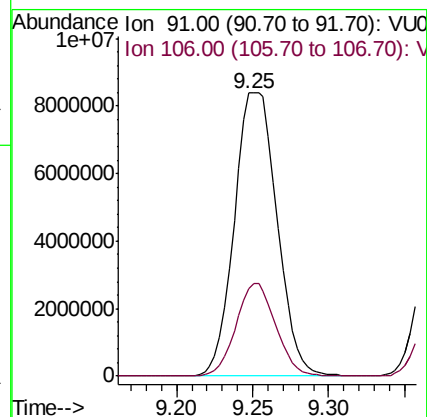
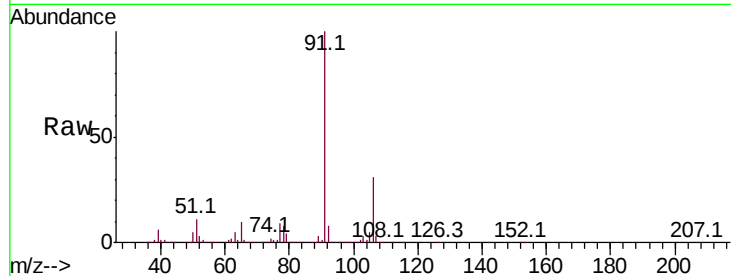
91 100

106 30.7 20.4 37.8

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#53

m,p-Xylene

Concen: 504.478 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031696.D

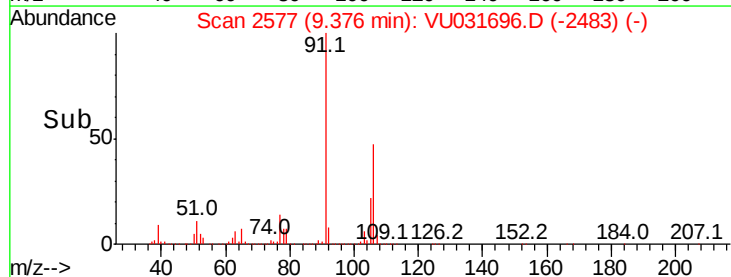
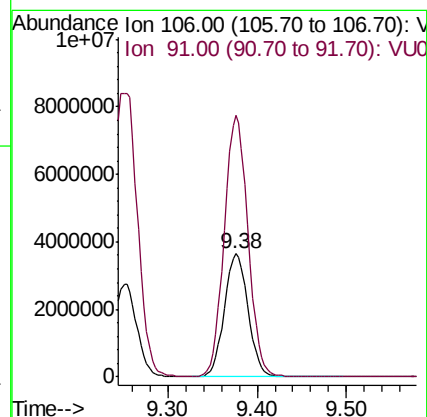
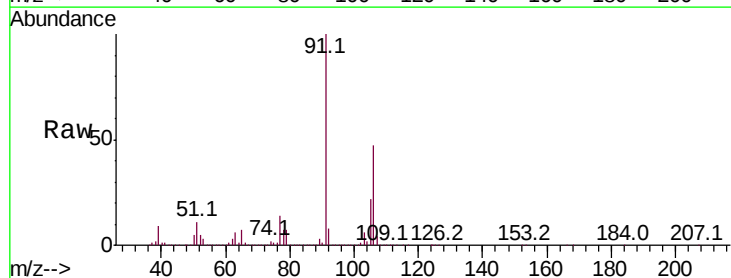
Acq: 01 May 2019 19:45

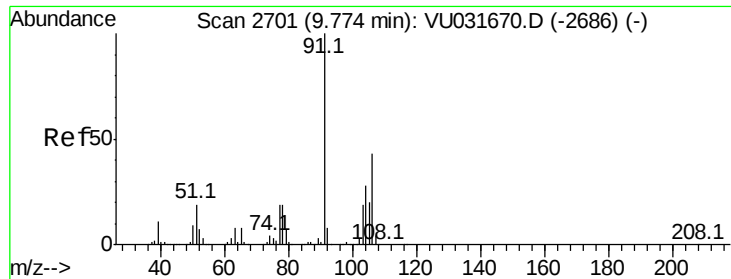
Tgt Ion: 106 Resp: 6715224

Ion Ratio Lower Upper

106 100

91 212.4 152.2 282.6





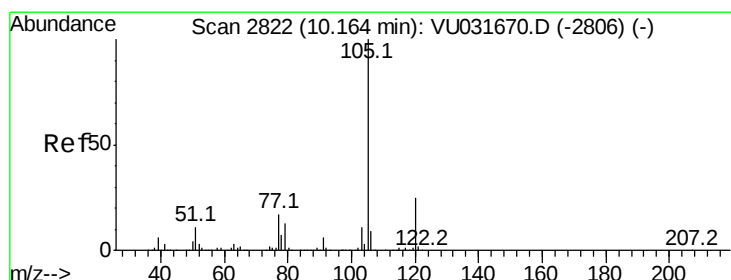
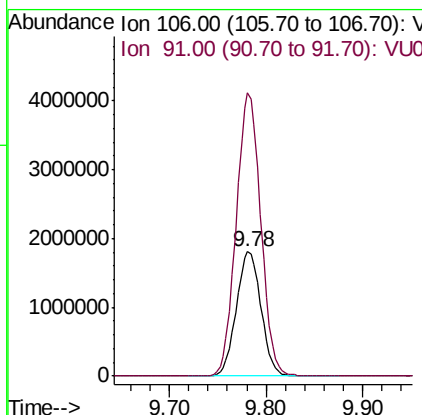
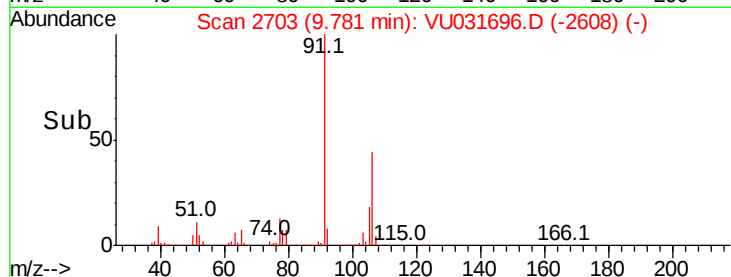
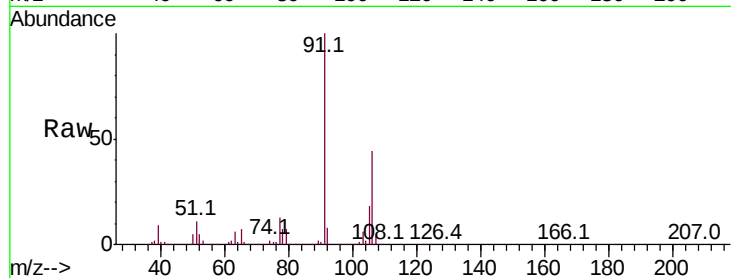
#54
o-xylene
Concen: 242.690 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
GAJ62

Tot Ion:106 Resp: 3202720
Ion Ratio Lower Upper
106 100
91 227.2 163.2 303.2

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#56
Isopropylbenzene
Concen: 9.981 ug/L
RT: 10.17 min Scan# 2824
Delta R.T. 0.01 min
Lab File: VU031696.D
Acq: 01 May 2019 19:45

Tgt Ion:105 Resp: 346350
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 17.9 13.8 20.6

