

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032025.D
 Acq On : 15 May 2019 12:36
 Operator : JC/SP
 Sample : K2738-13DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB898DL

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 9:35:14 AM

Quant Time: May 16 09:41:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1114139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1074014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	490654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372168	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.67	69	321266	40.58	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.16%
11) 1,1-Dichloroethene-d2	2.27	63	522223	29.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.60%#
21) 2-Butanone-d5	4.17	46	627530	91.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	686221	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.31	65	436991	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
32) Benzene-d6	5.34	84	1470279	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.32	67	484362	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.56	98	1329548	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
43) trans-1,3-Dichloropropene-	7.85	79	203743	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.04%
47) 2-Hexanone-d5	8.31	63	391170	94.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	677898	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	495944	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%

Target Compounds

					Ovalue
13) Acetone	2.32	43	28913	4.108 ug/L	94
22) 2-Butanone	4.29	43	19453m	2.396 ug/L	
29) Cyclohexane	4.99	56	875521	66.504 ug/L	100
35) Methylcyclohexane	6.41	83	940311	70.385 ug/L	94
52) Ethylbenzene	9.25	91	155646	4.029 ug/L	98
53) m,p-Xylene	9.37	106	103185	7.319 ug/L	89
56) Isopropylbenzene	10.16	105	1368340	38.364 ug/L	99

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

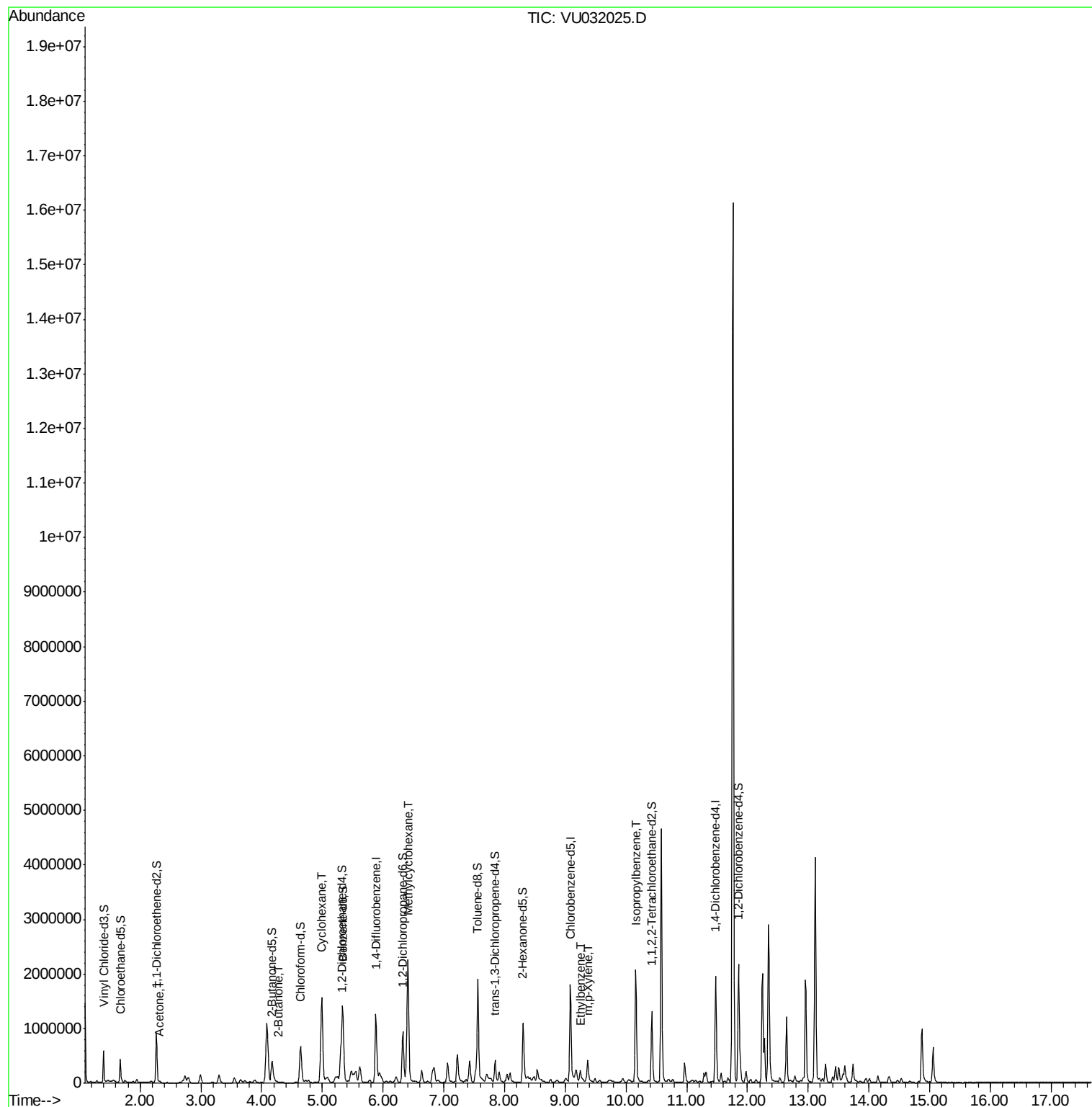
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

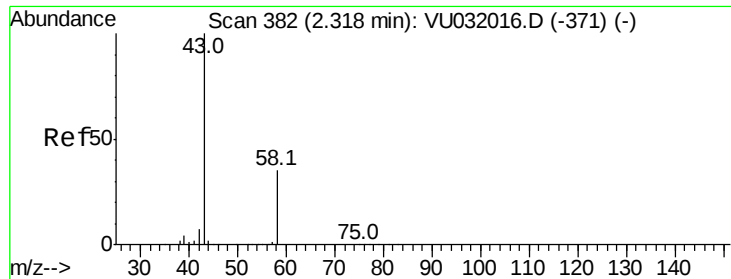
Instrument :
MSVOA_U
ClientSampleId :
DB898DL

Manual Integrations
APPROVED

MMDadoda
5/16/2019 9:35:14 AM

Quant Time: May 16 09:41:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032025.D

Acq: 15 May 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

DB898DL

Tot Ion: 43 Resp: 28913

Ion Ratio Lower Upper

43 100

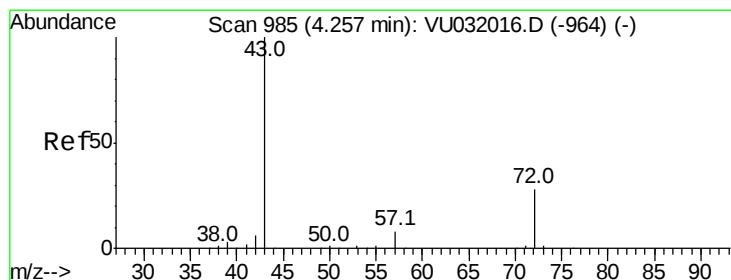
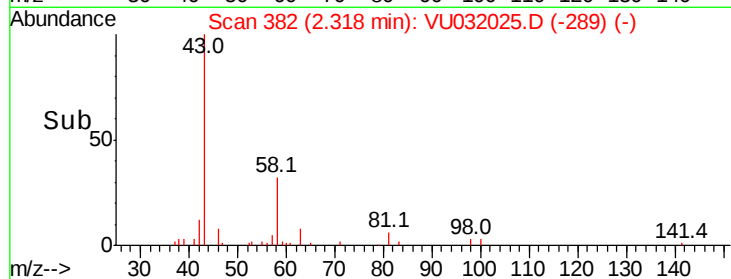
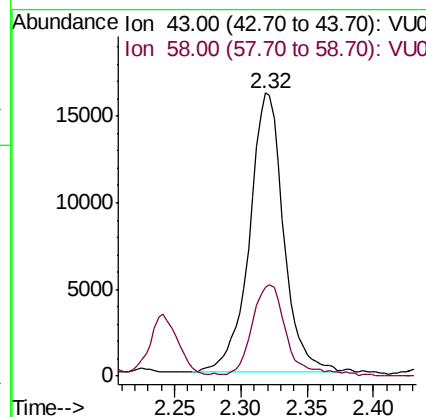
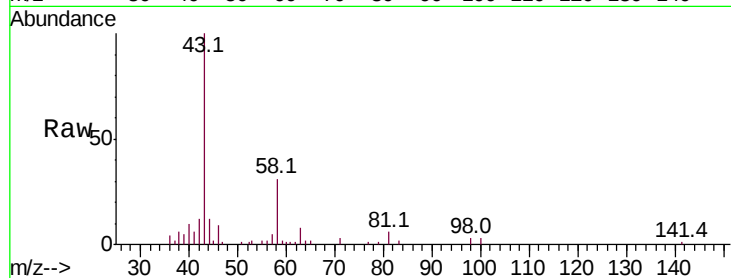
58 30.4 0.0 68.2

Manual Integrations

APPROVED

MMDadoda

5/16/2019 9:35:14 AM



#22

2-Butanone

Concen: 2.396 ug/L m

RT: 4.29 min Scan# 994

Delta R.T. 0.03 min

Lab File: VU032025.D

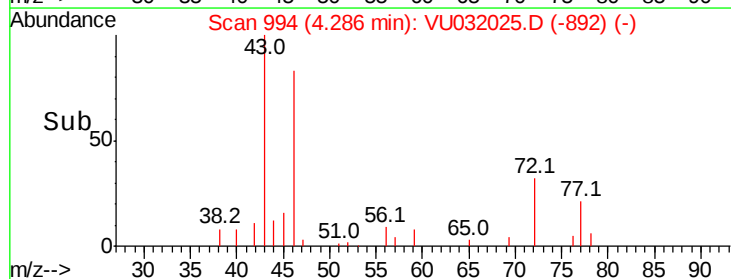
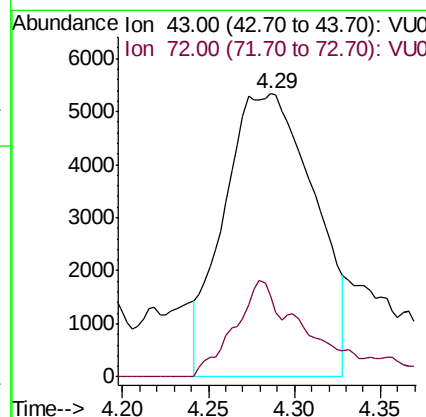
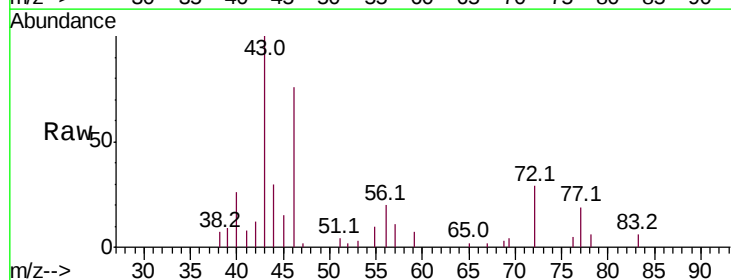
Acq: 15 May 2019 12:36

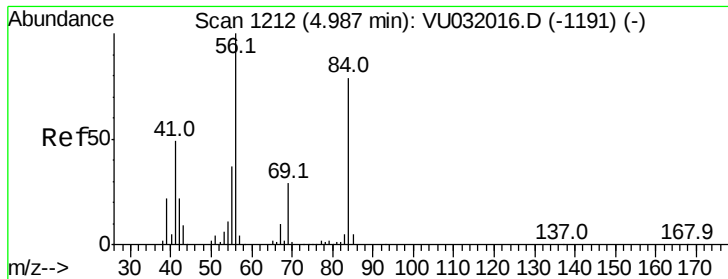
Tgt Ion: 43 Resp: 19453

Ion Ratio Lower Upper

43 100

72 15.8 13.9 41.7





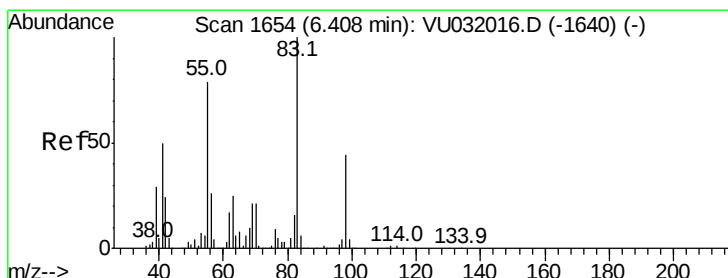
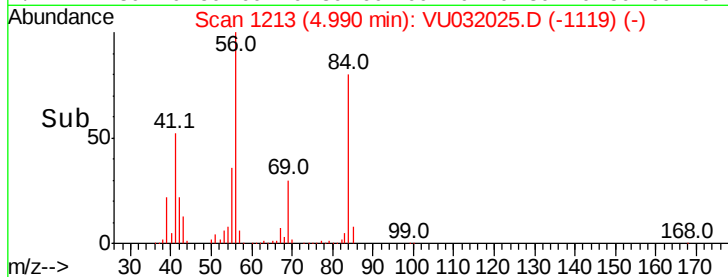
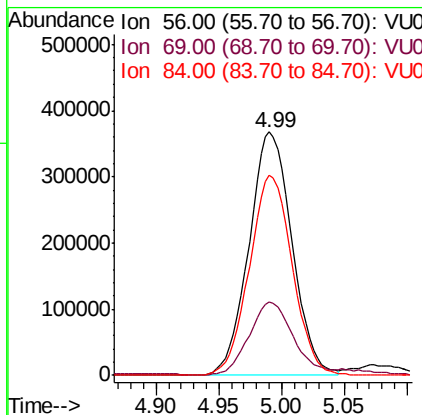
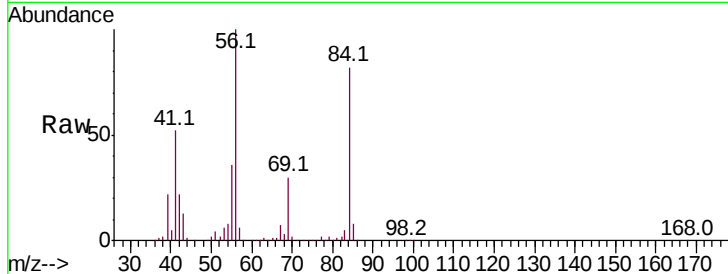
#29
Cyclohexane
Concen: 66.504 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU032025.D
Acq: 15 May 2019 12:36

Instrument :
MSVOA_U
ClientSampled :
DB898DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	82.2	65.5	98.3

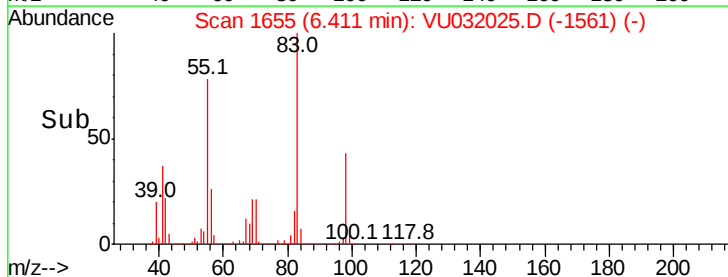
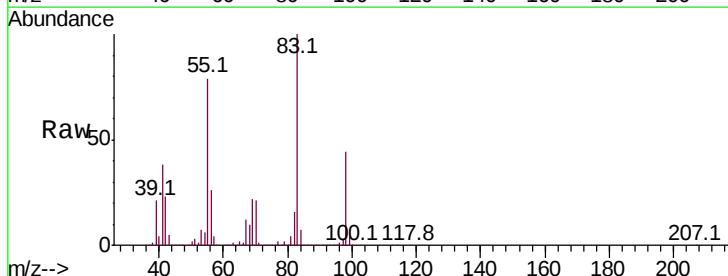
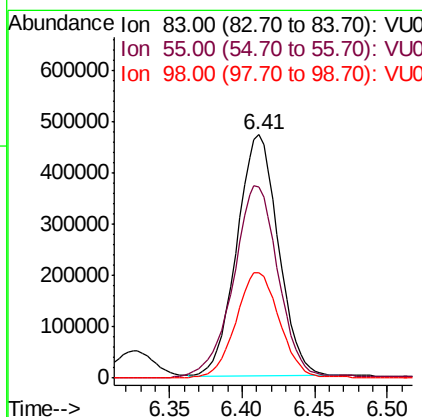
Manual Integrations
APPROVED

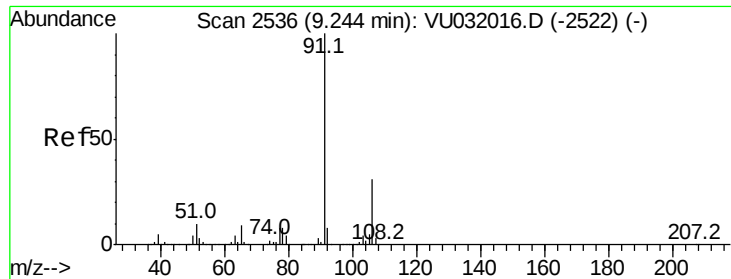
MMDadoda
5/16/2019 9:35:14 AM



#35
Methylcyclohexane
Concen: 70.385 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU032025.D
Acq: 15 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.8	64.0	96.0
98	45.7	35.6	53.4





#52

Ethylbenzene

Concen: 4.029 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032025.D

Acq: 15 May 2019 12:36

Instrument :

MSVOA_U

ClientSampleID :

DB898DL

Tot Ion: 91 Resp: 155646

Ion Ratio Lower Upper

91 100

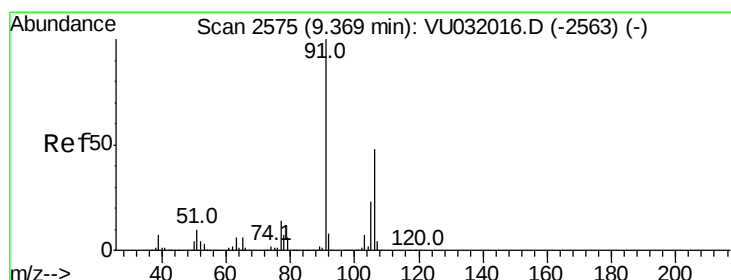
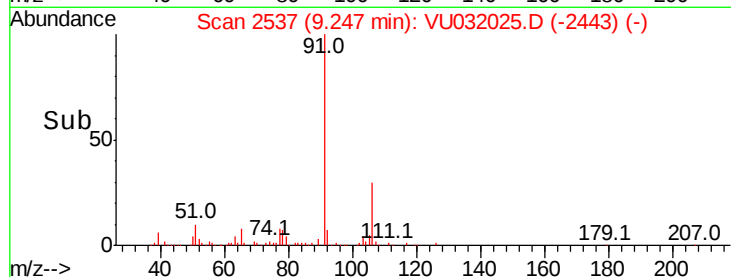
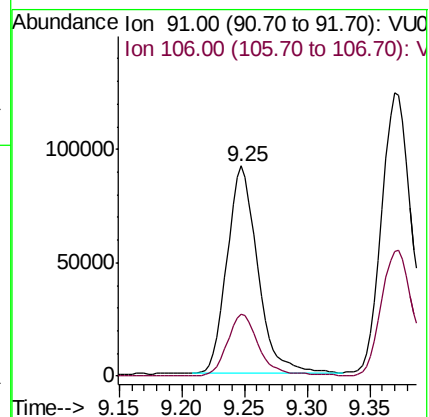
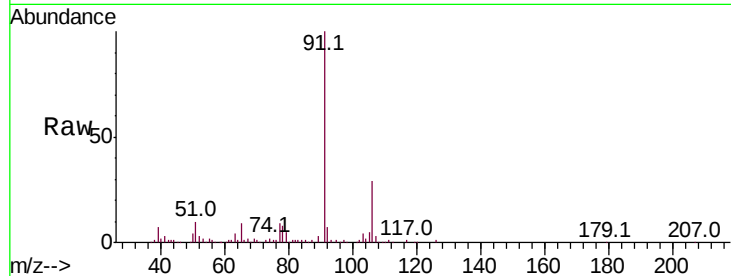
106 29.3 21.3 39.5

Manual Integrations

APPROVED

MMDadoda

5/16/2019 9:35:14 AM



#53

m,p-Xylene

Concen: 7.319 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032025.D

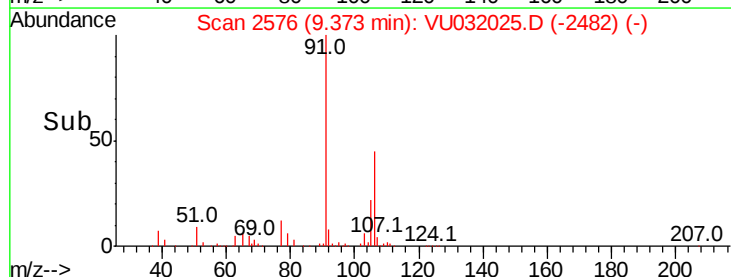
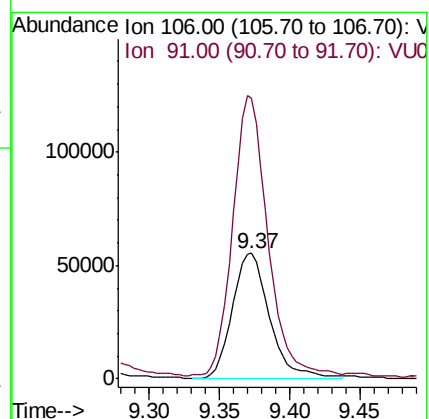
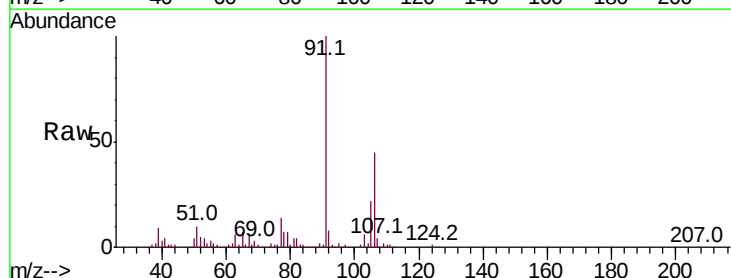
Acq: 15 May 2019 12:36

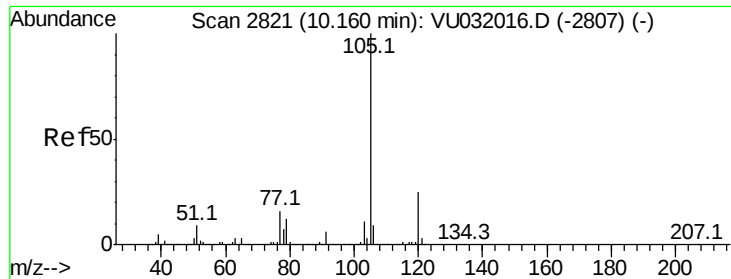
Tgt Ion: 106 Resp: 103185

Ion Ratio Lower Upper

106 100

91 223.4 144.8 269.0





#56
Isopropylbenzene
Concen: 38.364 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. 0.00 min
Lab File: VU032025.D
Acq: 15 May 2019 12:36

Instrument :
MSVOA_U
ClientSampleId :
DB898DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	15.5	13.0	19.4

Manual Integrations
APPROVED

MMDadoda
5/16/2019 9:35:14 AM

