

Data File : VU028295.D
Acq On : 20 Nov 2018 22:08
Operator : MD/SY
Sample : J5997-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YA9

Quant Time: Nov 26 06:23:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	145571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36627	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.68	69	36341	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.28	63	58217	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.19	46	162336	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.65	84	82995	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.31	65	46431	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
32) Benzene-d6	5.34	84	163162	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.33	67	61083	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.57	98	135566	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.85	79	15651	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.31	63	112789	40.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45749	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	53147	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

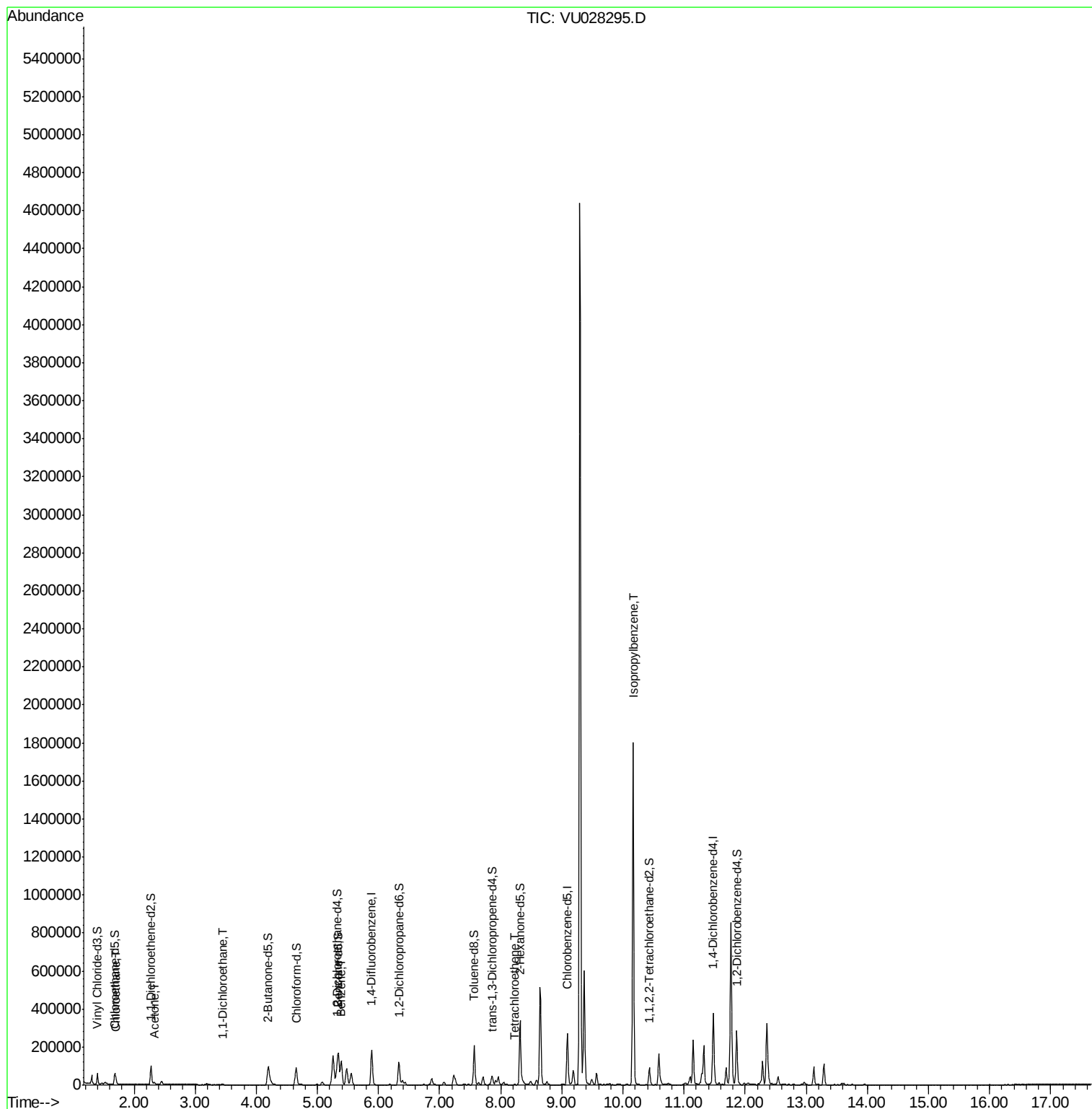
					Qvalue
8) Chloroethane	1.70	64	20126	2.305 ug/L	94
13) Acetone	2.33	43	11731	4.653 ug/L	95
19) 1,1-Dichloroethane	3.45	63	4312	0.195 ug/L	93
33) Benzene	5.39	78	113313	2.451 ug/L	100
47) Tetrachloroethene	8.22	164	1165	0.148 ug/L #	85
56) Isopropylbenzene	10.17	105	1080558	23.083 ug/L	99

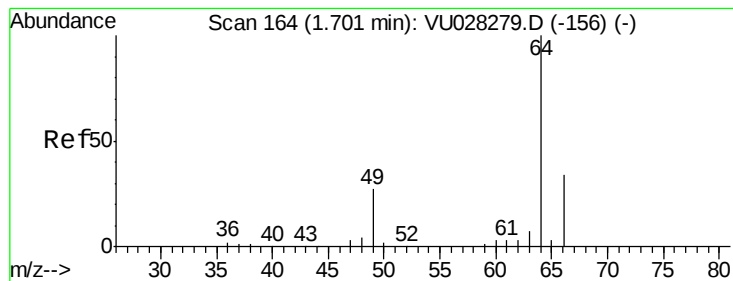
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.305 ug/L

RT: 1.70 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU028295.D

Acq: 20 Nov 2018 22:08

Instrument :

MSVOA_U

ClientSampled :

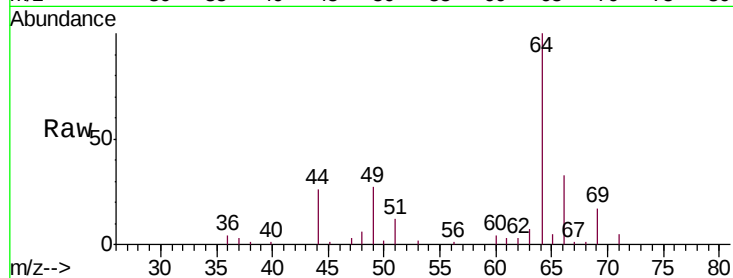
E3YA9

Tgt Ion: 64 Resp: 20126

Ion Ratio Lower Upper

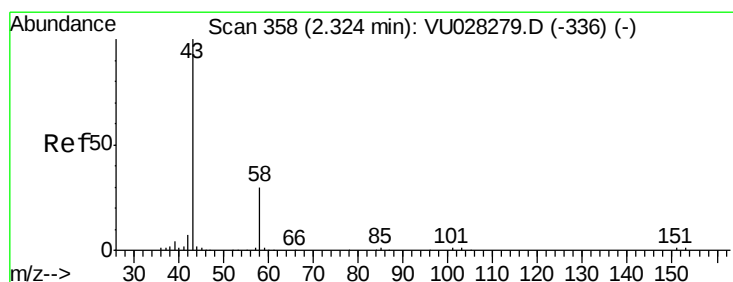
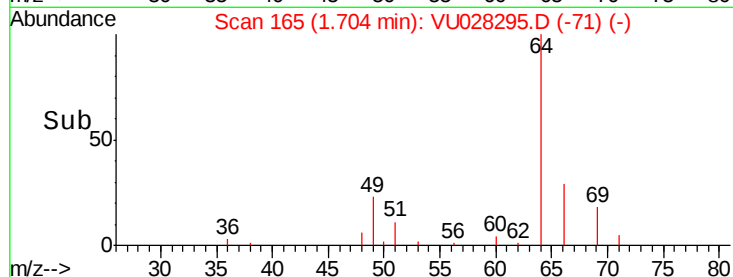
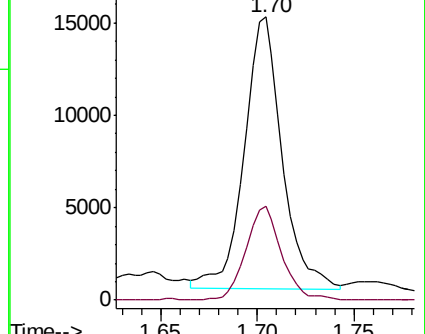
64 100

66 33.0 20.7 38.5



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 4.653 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028295.D

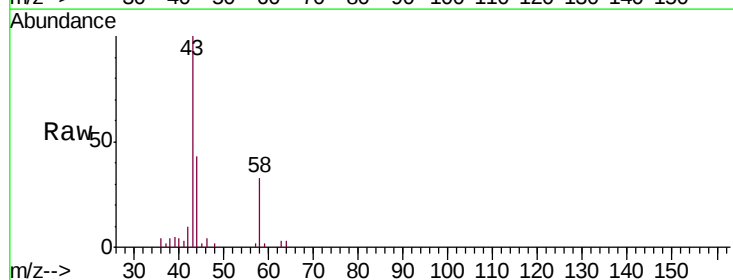
Acq: 20 Nov 2018 22:08

Tgt Ion: 43 Resp: 11731

Ion Ratio Lower Upper

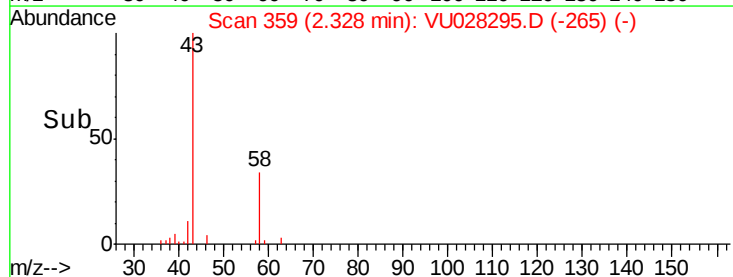
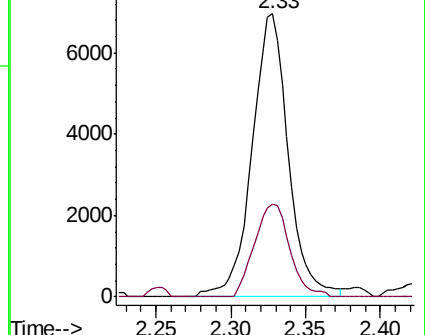
43 100

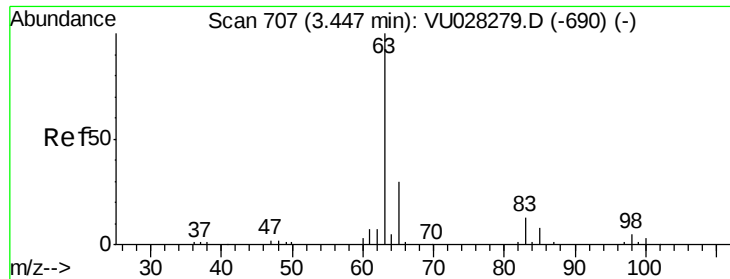
58 32.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

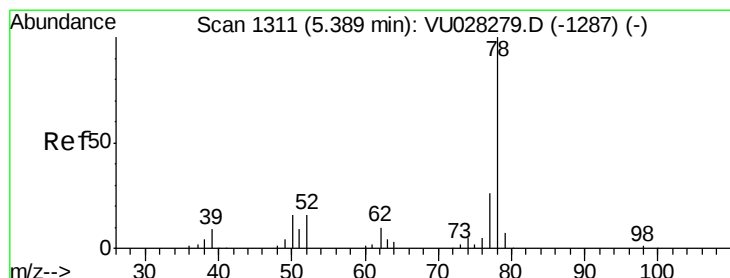
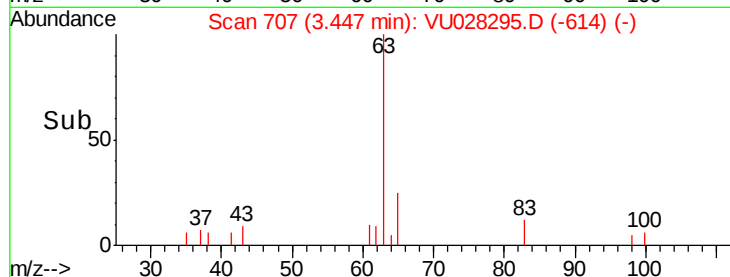
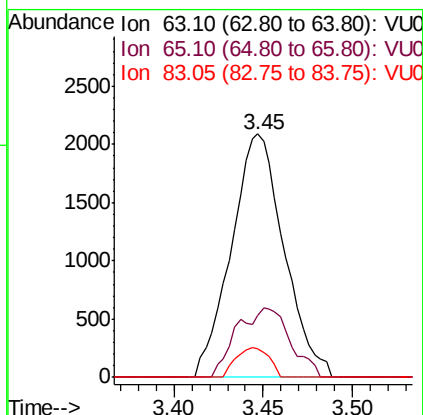
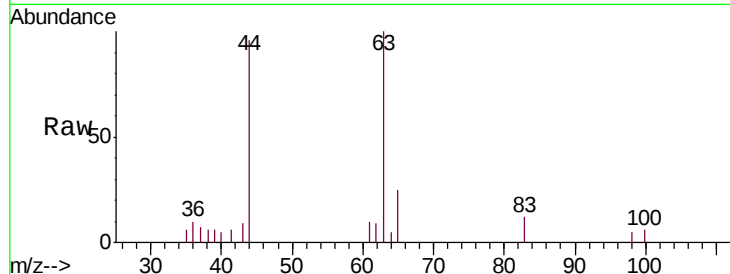




#19
 1,1-Dichloroethane
 Concen: 0.195 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU028295.D
 Acq: 20 Nov 2018 22:08

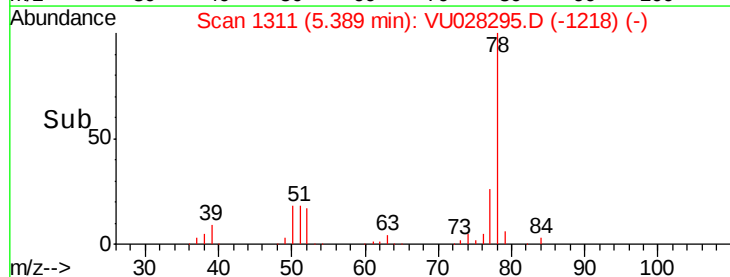
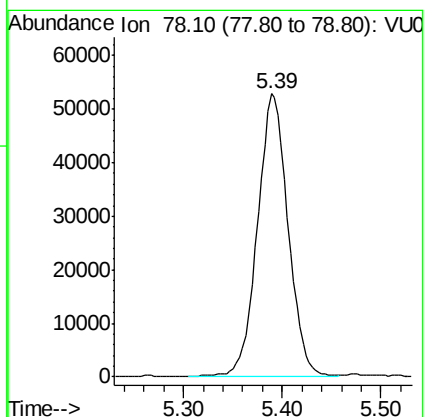
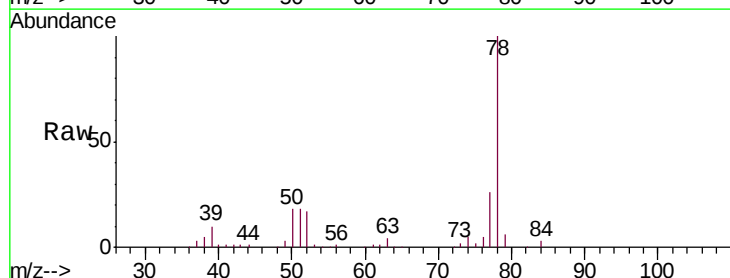
Instrument :
 MSVOA_U
 ClientSampled :
 E3YA9

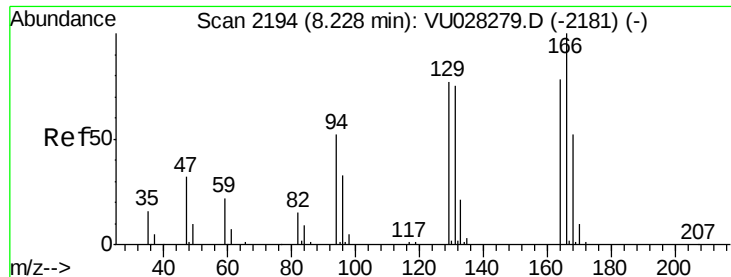
Tgt Ion: 63 Resp: 4312
 Ion Ratio Lower Upper
 63 100
 65 25.4 21.2 39.4
 83 11.8 8.8 16.4



#33
 Benzene
 Concen: 2.451 ug/L
 RT: 5.39 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: VU028295.D
 Acq: 20 Nov 2018 22:08

Tgt Ion: 78 Resp: 113313





#47

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028295.D

Acq: 20 Nov 2018 22:08

Instrument :

MSVOA_U

ClientSampleId :

E3YA9

Tgt Ion:164 Resp: 1165

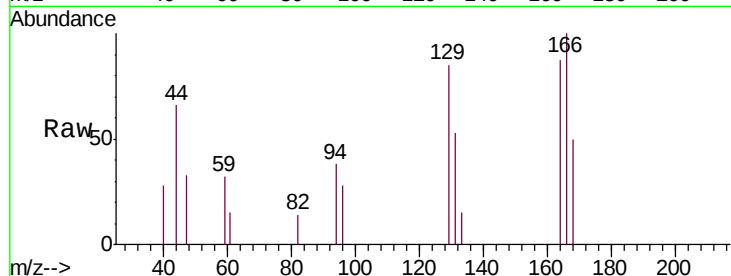
Ion Ratio Lower Upper

164 100

129 97.6 67.6 125.6

131 61.0 66.3 123.1#

166 115.3 89.2 165.6

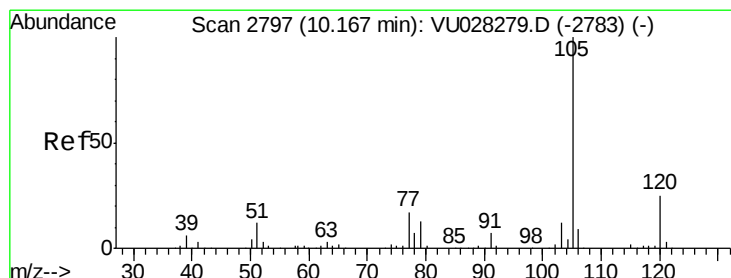
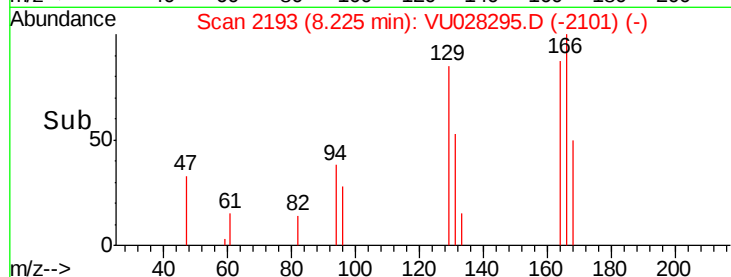
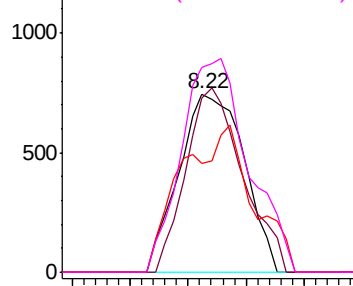


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#56

Isopropylbenzene

Concen: 23.083 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028295.D

Acq: 20 Nov 2018 22:08

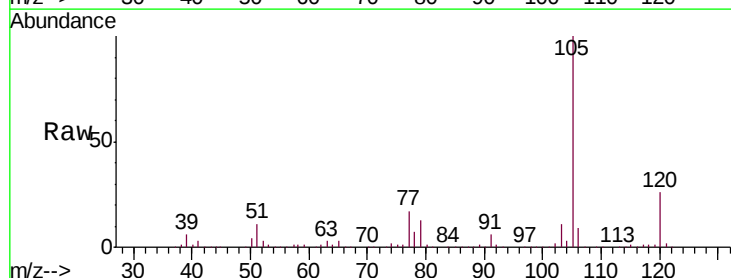
Tgt Ion:105 Resp: 1080558

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 17.1 14.5 21.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

