

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032493.D
 Acq On : 06 Jun 2019 13:44
 Operator : JC/SP
 Sample : K3213-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K0

Quant Time: Jun 07 05:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	209988	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51442	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.52%
7) Chloroethane-d5	1.68	69	45671	41.72	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.44%
11) 1,1-Dichloroethene-d2	2.27	63	86018	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.50%
21) 2-Butanone-d5	4.17	46	135321	118.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.69%
24) Chloroform-d	4.64	84	118446	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.30	65	79353	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
32) Benzene-d6	5.33	84	249491	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.32	67	79942	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.56	98	237089	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%
43) trans-1,3-Dichloropropene-	7.85	79	37966	49.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.10%
47) 2-Hexanone-d5	8.31	63	99612	128.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124754	53.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	104313	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

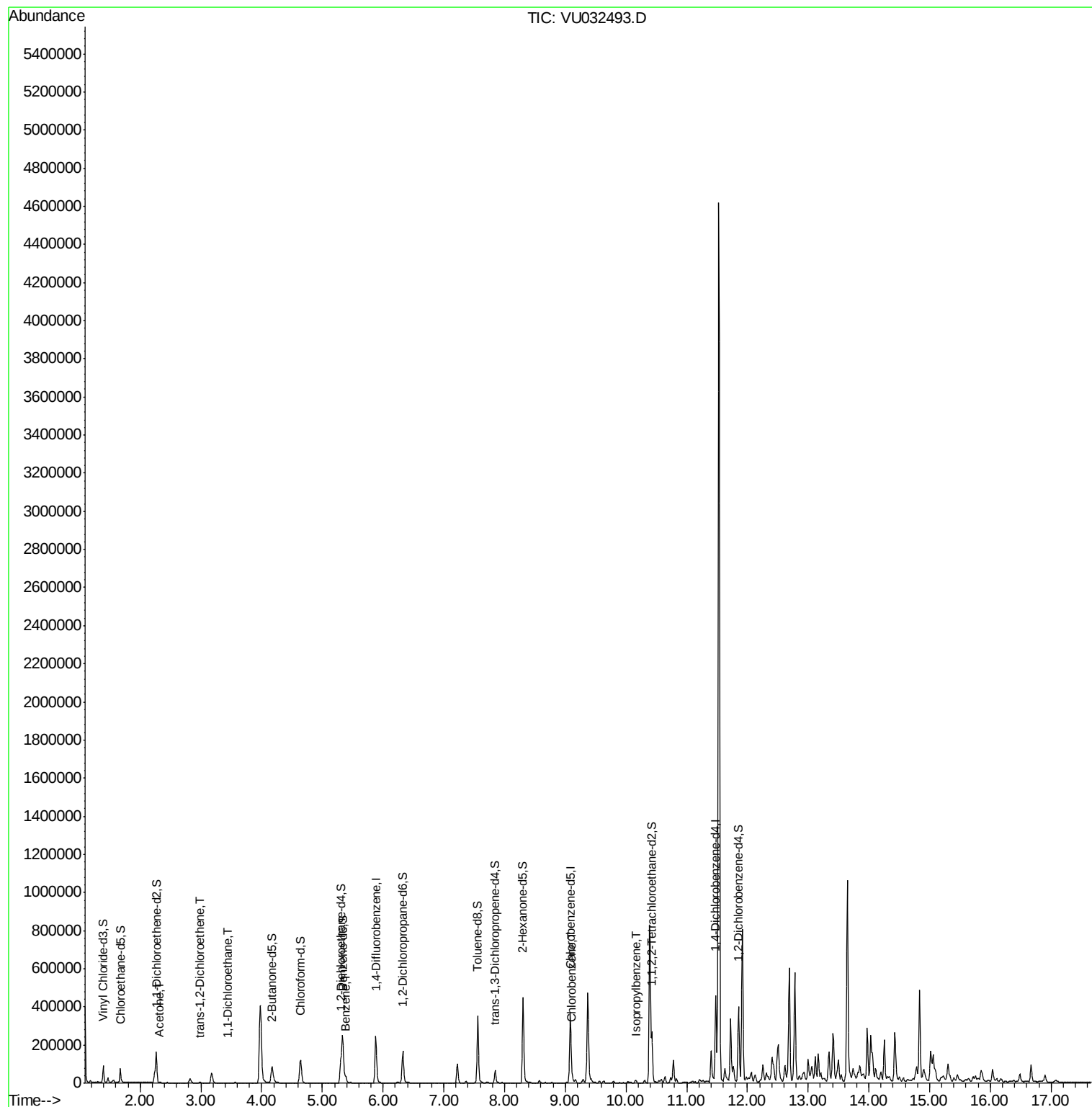
					Ovalue
13) Acetone	2.32	43	5155	4.382	ug/L 89
17) trans-1,2-Dichloroethene	2.98	96	2041	1.512	ug/L 84
19) 1,1-Dichloroethane	3.44	63	2446	0.994	ug/L 96
33) Benzene	5.39	78	32729	5.922	ug/L 100
51) Chlorobenzene	9.12	112	14375	3.686	ug/L 95
56) Isopropylbenzene	10.16	105	6429	0.957	ug/L 99

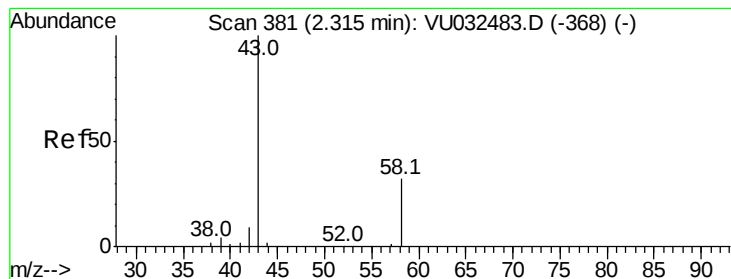
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.382 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032493.D

Acq: 06 Jun 2019 13:44

Instrument :

MSVOA_U

ClientSampled :

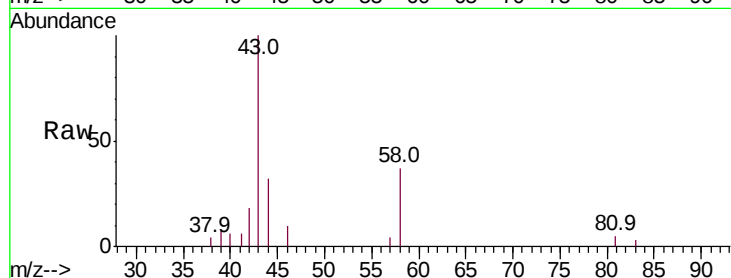
DB8K0

Tot Ion: 43 Resp: 5155

Ion Ratio Lower Upper

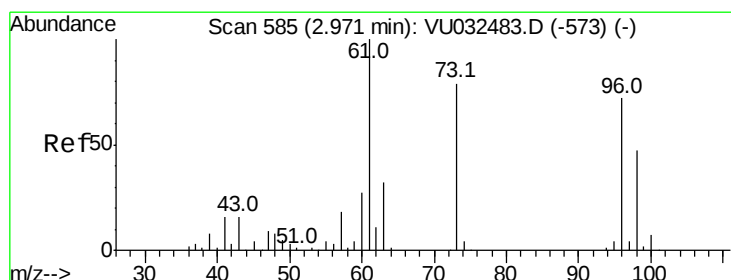
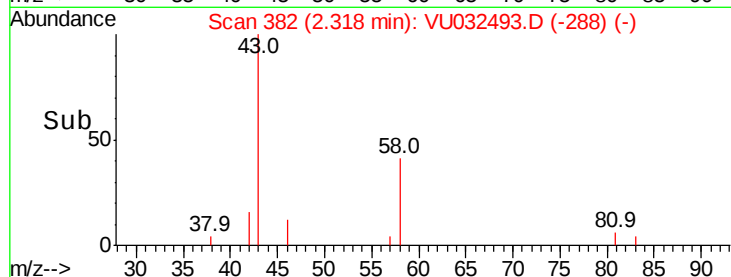
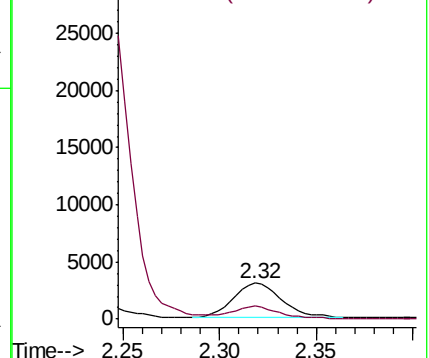
43 100

58 38.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032493.D (-368) (-)

Ion 58.00 (57.70 to 58.70): VU032493.D (-368) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.512 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.01 min

Lab File: VU032493.D

Acq: 06 Jun 2019 13:44

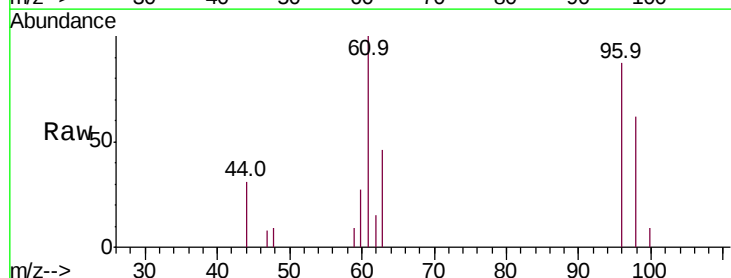
Tgt Ion: 96 Resp: 2041

Ion Ratio Lower Upper

96 100

61 114.6 95.7 177.7

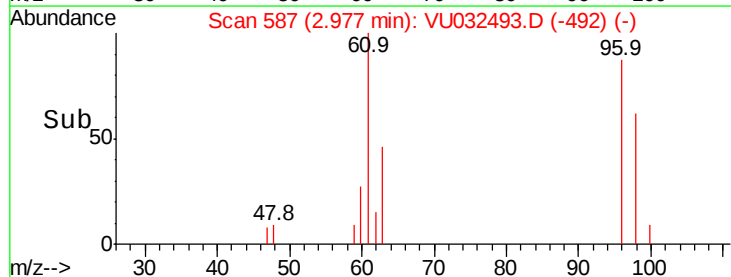
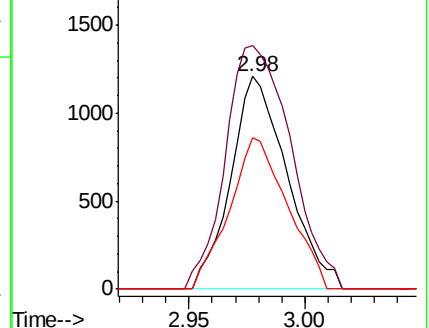
98 71.1 44.0 81.6

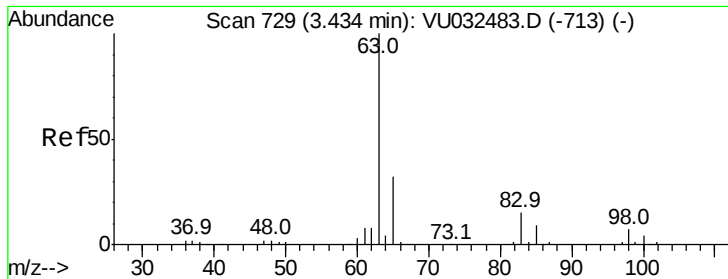


Abundance Ion 96.00 (95.70 to 96.70): VU032493.D (-492) (-)

Ion 61.00 (60.70 to 61.70): VU032493.D (-492) (-)

Ion 98.00 (97.70 to 98.70): VU032493.D (-492) (-)

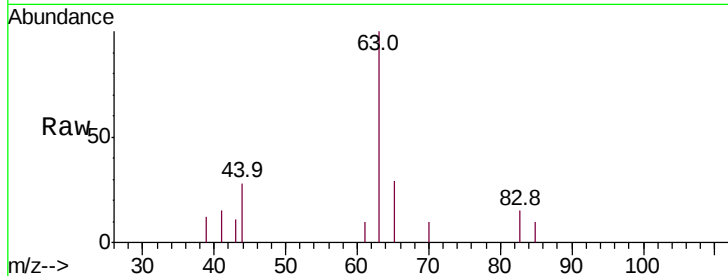




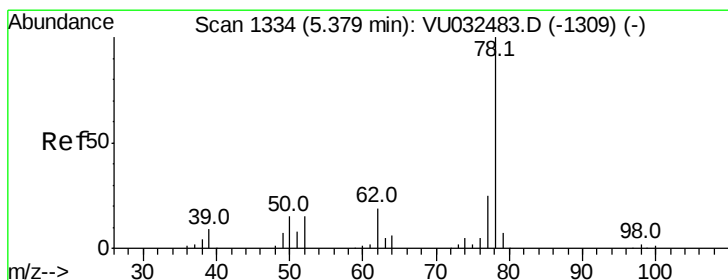
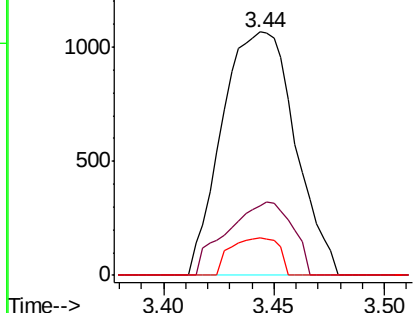
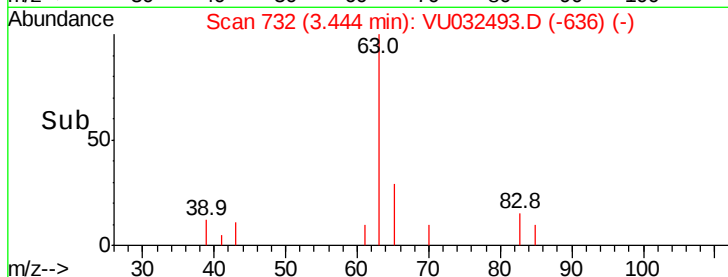
#19
 1,1-Dichloroethane
 Concen: 0.994 ug/L
 RT: 3.44 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: VU032493.D
 Acq: 06 Jun 2019 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K0

Tot Ion: 63 Resp: 2446
 Ion Ratio Lower Upper
 63 100
 65 28.6 21.8 40.6
 83 15.3 9.8 18.2

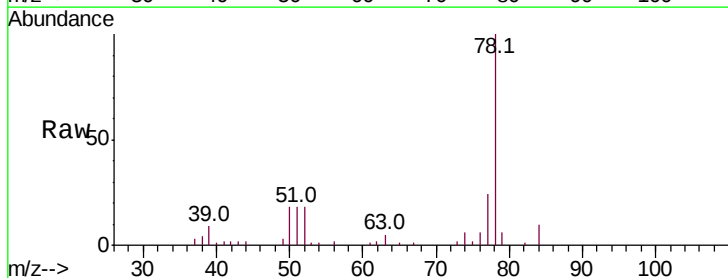


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

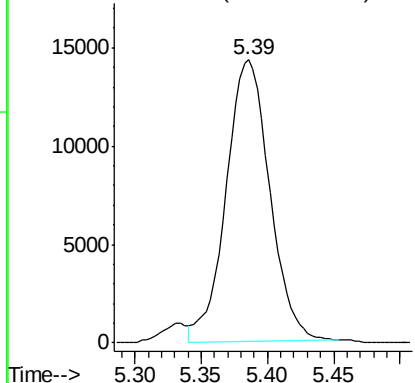
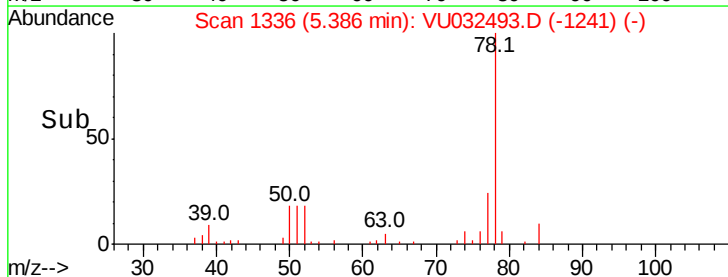


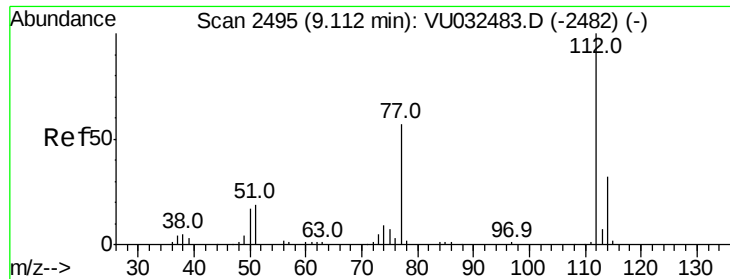
#33
 Benzene
 Concen: 5.922 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: VU032493.D
 Acq: 06 Jun 2019 13:44

Tgt Ion: 78 Resp: 32729



Abundance Ion 78.00 (77.70 to 78.70): VU0





#51

Chlorobenzene

Concen: 3.686 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032493.D

Acq: 06 Jun 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

DB8K0

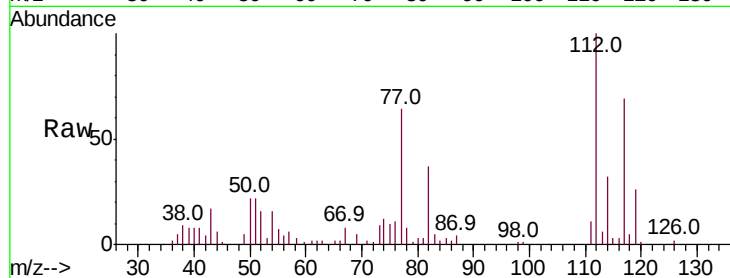
Tot Ion:112 Resp: 14375

Ion Ratio Lower Upper

112 100

114 32.4 22.6 42.0

77 63.8 46.1 69.1

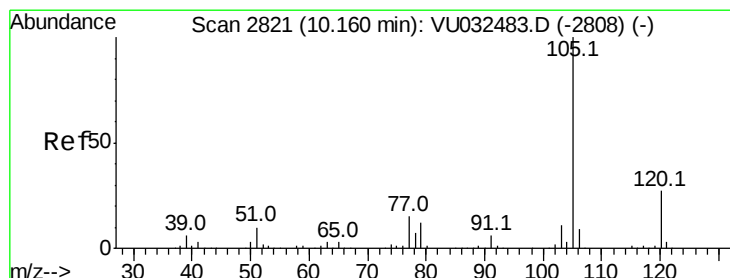
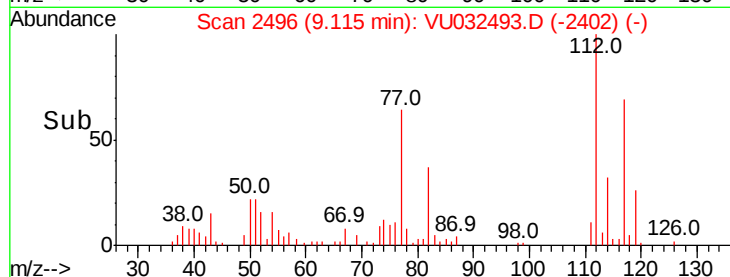
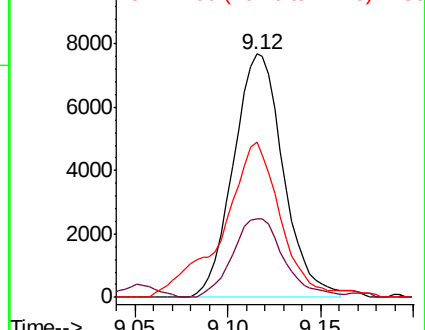


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#56

Isopropylbenzene

Concen: 0.957 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032493.D

Acq: 06 Jun 2019 13:44

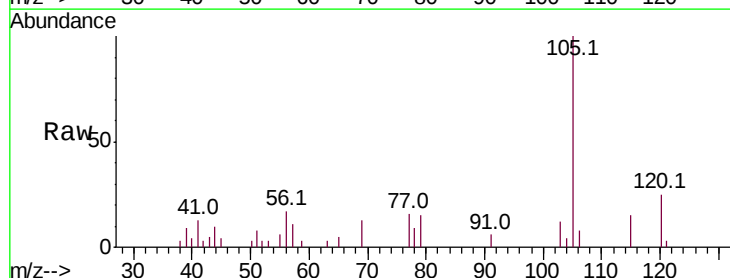
Tgt Ion:105 Resp: 6429

Ion Ratio Lower Upper

105 100

120 26.3 21.6 32.4

77 15.9 12.4 18.6



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): VU

