

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035661.D
 Acq On : 07 Nov 2019 15:56
 Operator : JC/SP
 Sample : VU1107WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK50

Quant Time: Nov 08 06:15:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	708419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	670992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	201969	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	264925	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	223471	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.59	63	314408	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	4.69	46	351220	105.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.09%
24) Chloroform-d	5.11	84	420661	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	259695	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.77	84	894535	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
36) 1,2-Dichloropropane-d6	6.73	67	289020	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.92%
41) Toluene-d8	7.93	98	812847	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	8.21	79	126515	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.68	63	227258	104.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	386832	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	12.22	152	208524	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%

Target Compounds

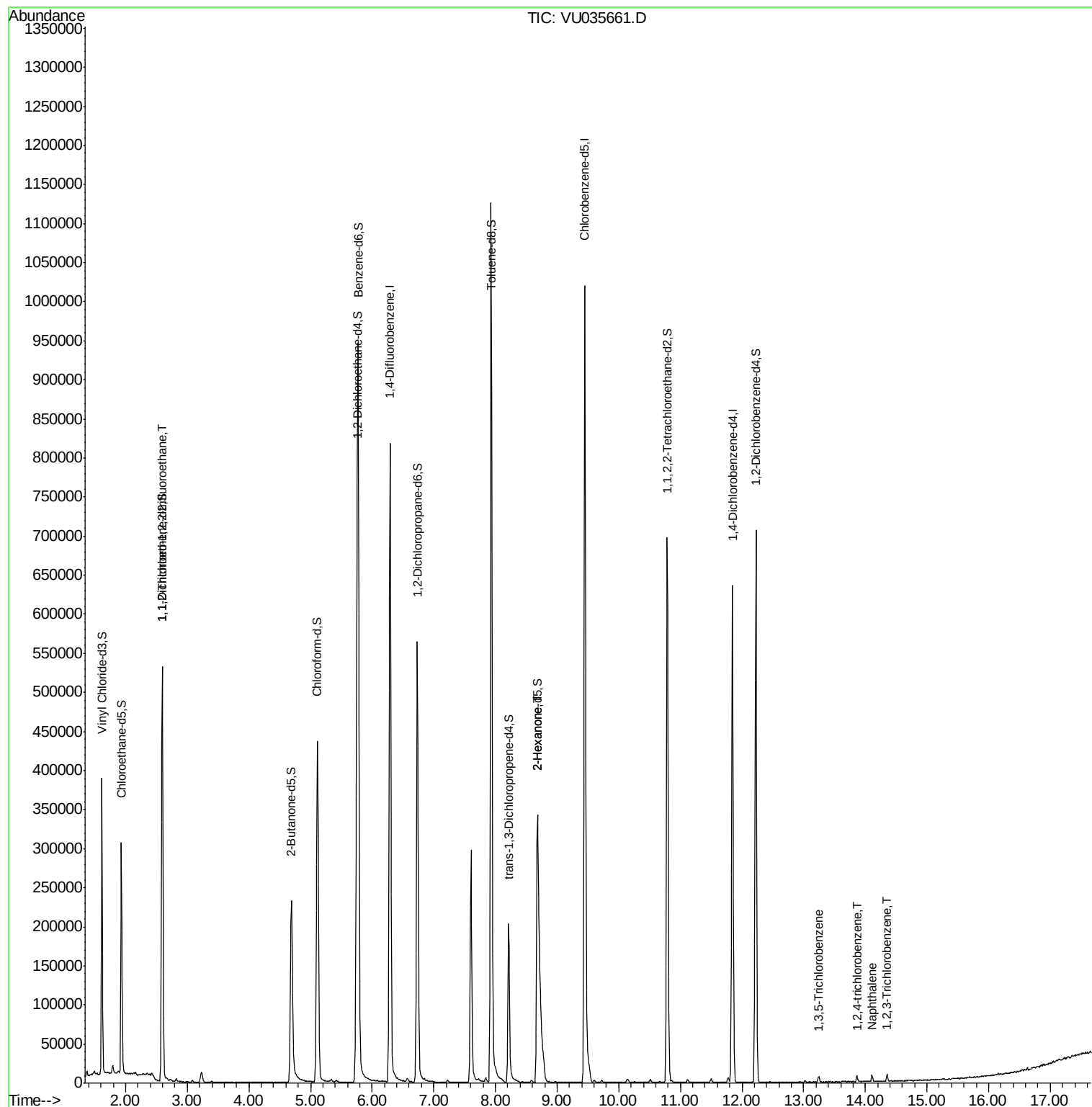
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3240	0.735 ug/L #	25
48) 2-Hexanone	8.68	43	16750	3.049 ug/L #	60
67) 1,3,5-Trichlorobenzene	13.25	180	2947	0.801 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	3031	1.229 ug/L	92
69) Naphthalene	14.11	128	7598	1.201 ug/L #	95
70) 1,2,3-Trichlorobenzene	14.35	180	3400	1.280 ug/L	94

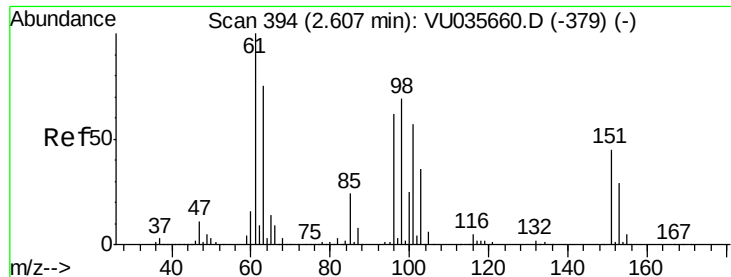
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.735 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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ClientSampleId :

VBLK50

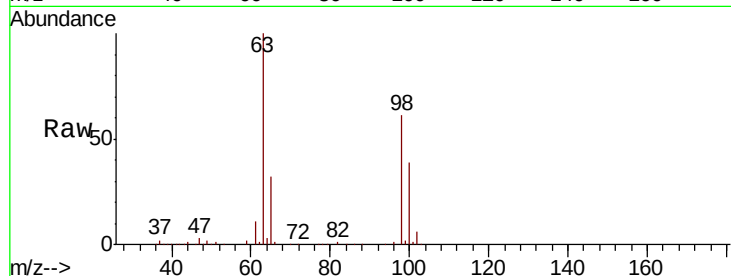
Tot Ion:101 Resp: 3240

Ion Ratio Lower Upper

101 100

85 3.1 34.0 51.0#

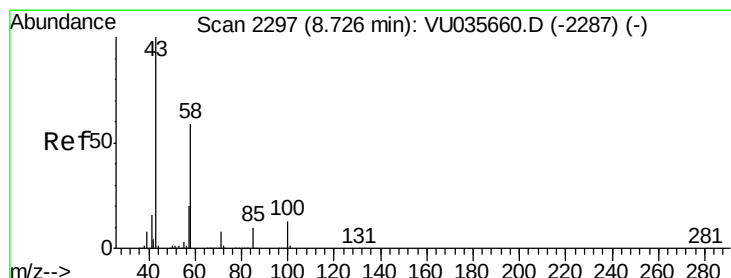
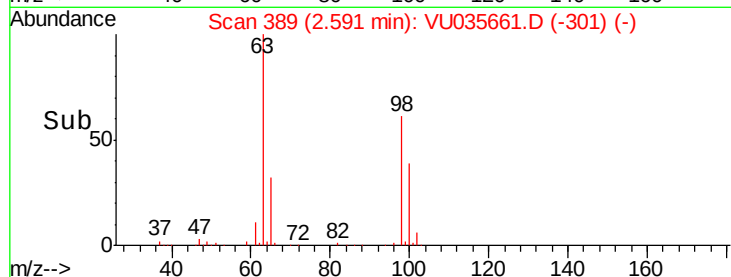
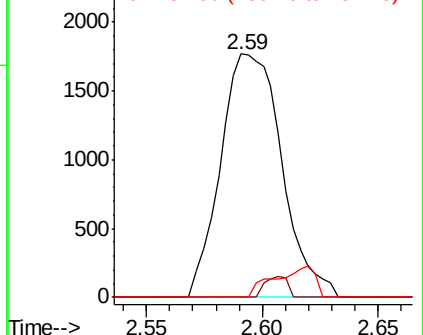
151 8.4 64.2 96.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#48

2-Hexanone

Concen: 3.049 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU035661.D

Acq: 07 Nov 2019 15:56

Tgt Ion: 43 Resp: 16750

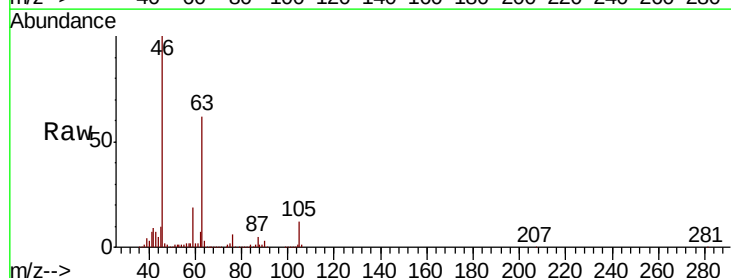
Ion Ratio Lower Upper

43 100

58 24.7 50.4 75.6#

57 29.8 17.4 26.0#

100 0.6 10.5 15.7#

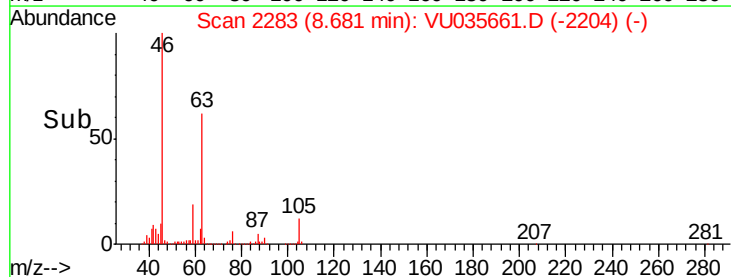
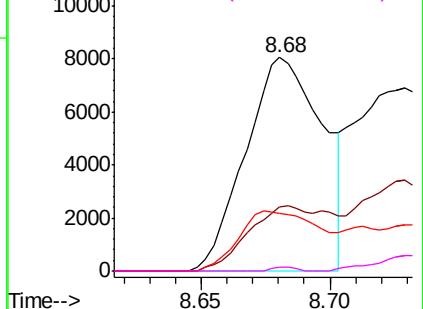


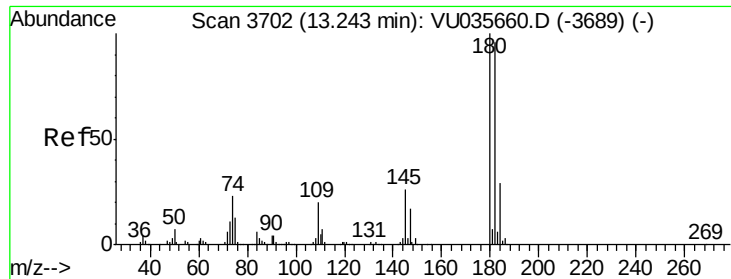
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

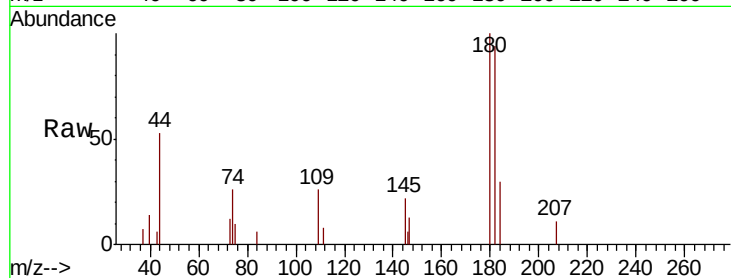




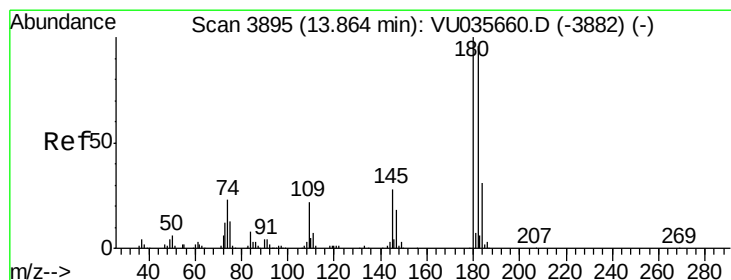
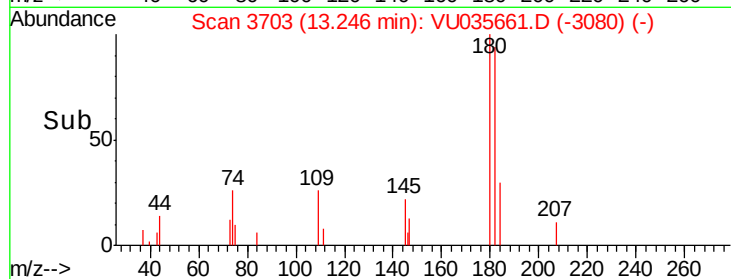
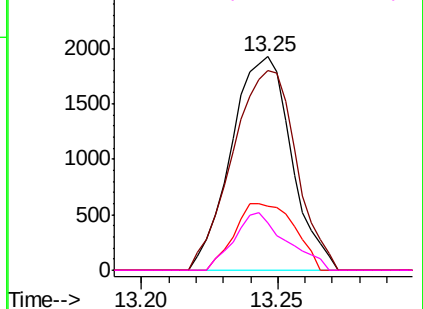
#67
 1,3,5-Trichlorobenzene
 Concen: 0.801 ug/L
 RT: 13.25 min Scan# 3703
 Delta R.T. 0.00 min
 Lab File: VU035661.D
 Acq: 07 Nov 2019 15:56

Instrument :
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 VBLK50

Tot Ion:180	Resp:	2947
Ion	Ratio	Lower Upper
180	100	
182	99.0	77.0 115.4
184	31.0	24.6 36.8
145	23.3	21.7 32.5

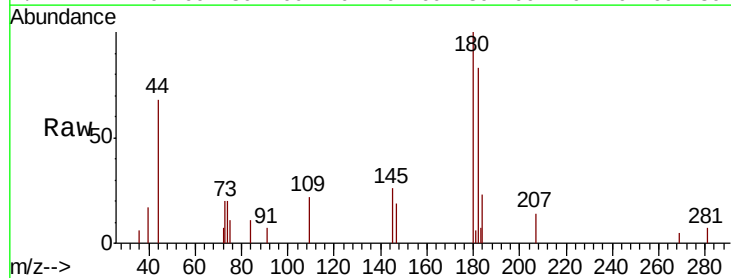


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

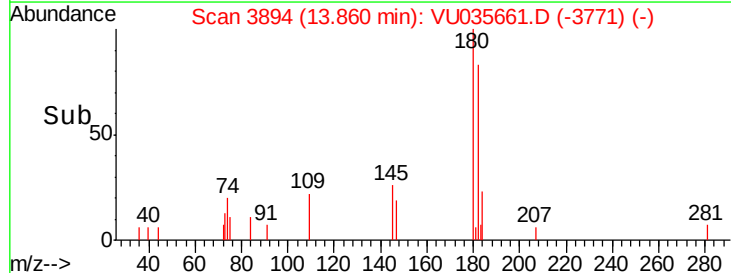
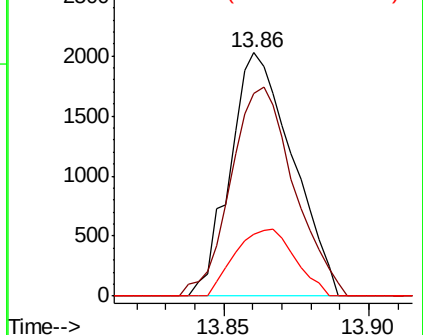


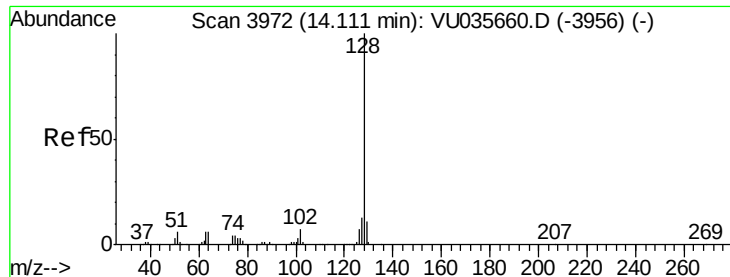
#68
 1,2,4-trichlorobenzene
 Concen: 1.229 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU035661.D
 Acq: 07 Nov 2019 15:56

Tgt Ion:180	Resp:	3031
Ion	Ratio	Lower Upper
180	100	
182	86.8	76.6 115.0
145	26.5	21.9 32.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.201 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VU035661.D

Acq: 07 Nov 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK50

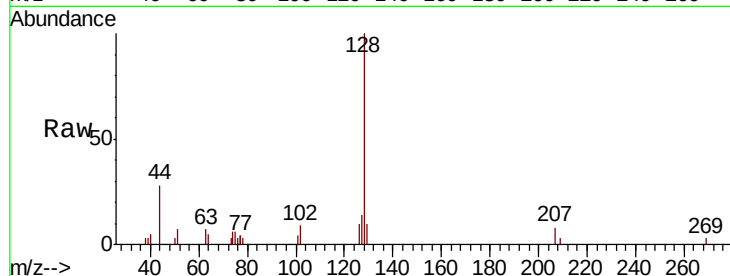
Tot Ion:128 Resp: 7598

Ion Ratio Lower Upper

128 100

127 14.6 10.7 16.1

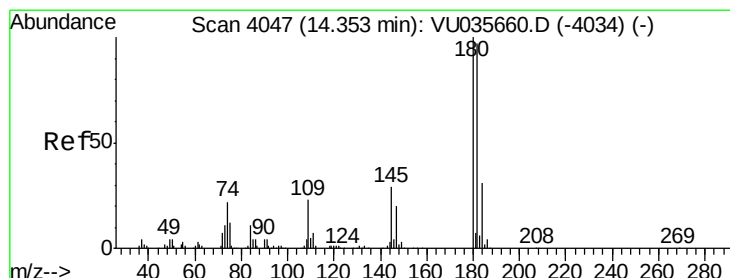
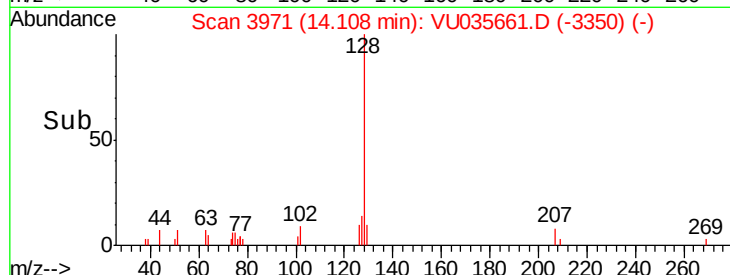
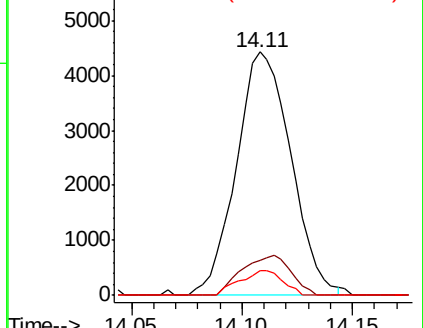
129 8.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.280 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035661.D

Acq: 07 Nov 2019 15:56

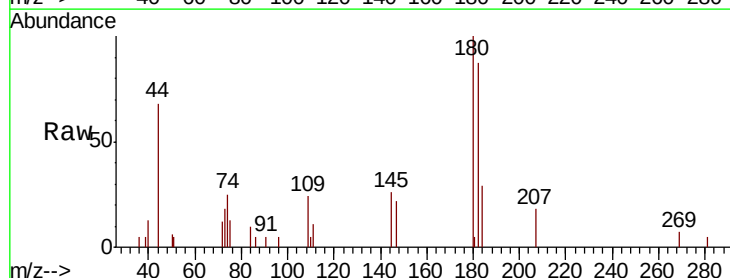
Tgt Ion:180 Resp: 3400

Ion Ratio Lower Upper

180 100

182 89.4 77.6 116.4

145 28.9 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

