

Data File : VU030627.D
Acq On : 03 Apr 2019 15:14
Operator : JC/SP
Sample : VU0404MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK37

Quant Time: Apr 04 06:55:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440300	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435233	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198021	55.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.76%
7) Chloroethane-d5	1.68	69	149694	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.27	63	268013	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.74%
21) 2-Butanone-d5	4.17	46	267431	80.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.28%
24) Chloroform-d	4.64	84	281417	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
26) 1,2-Dichloroethane-d4	5.31	65	195575	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.33	84	595398	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.32	67	205783	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.56	98	504584	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.85	79	86956	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.31	63	173910	75.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263944	43.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	170600	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

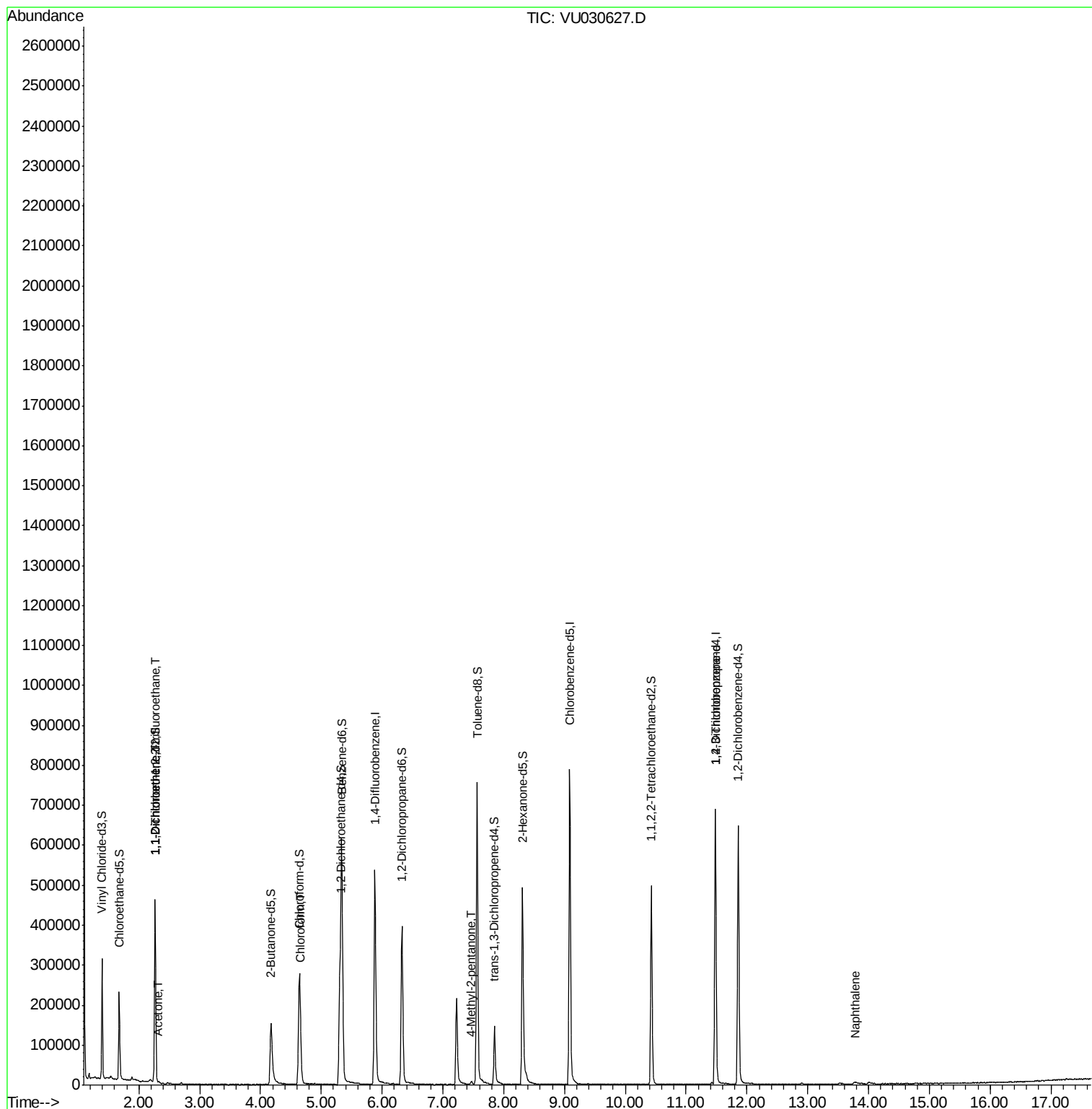
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2458	0.765	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2317	0.736	ug/L #	1
13) Acetone	2.32	43	2823	0.838	ug/L	93
25) Chloroform	4.67	83	14061	2.181	ug/L	93
40) 4-Methyl-2-pentanone	7.47	43	5768	0.817	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	23842	4.659	ug/L	93
69) Naphthalene	13.78	128	7126	0.525	ug/L #	72

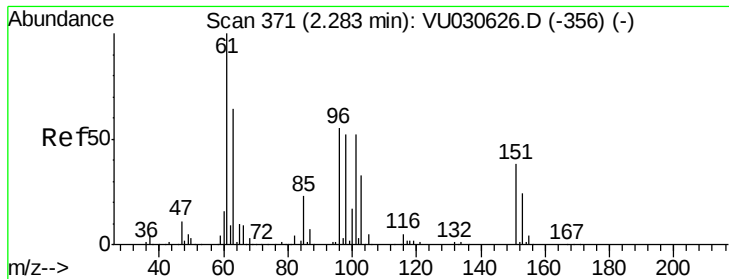
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.765 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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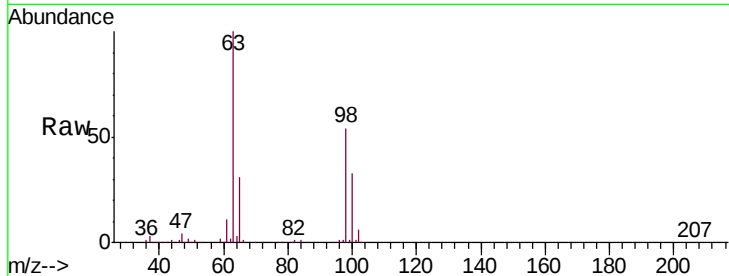
Tgt Ion: 101 Resp: 2458

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

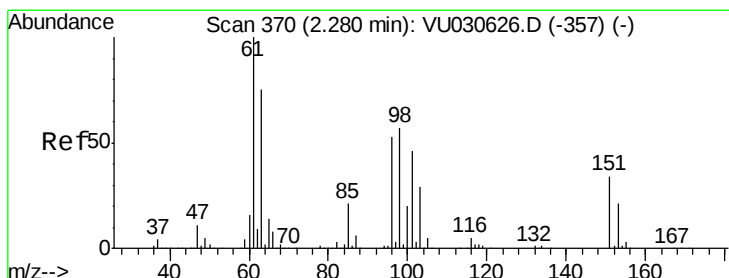
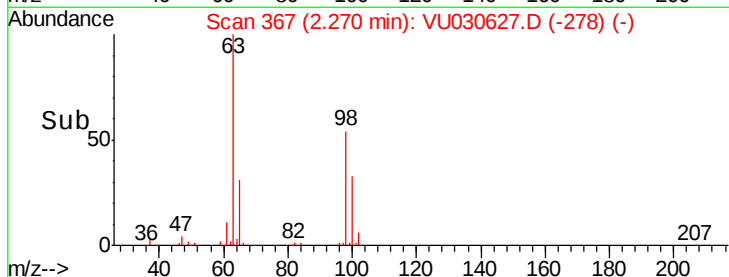
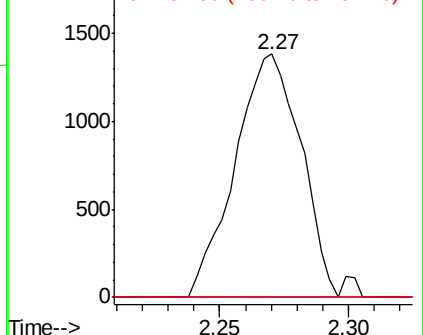
151 0.0 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.736 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030627.D

Acq: 03 Apr 2019 15:14

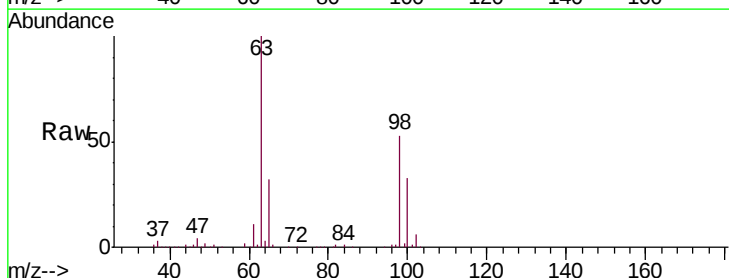
Tgt Ion: 96 Resp: 2317

Ion Ratio Lower Upper

96 100

61 1272.0 131.0 243.4#

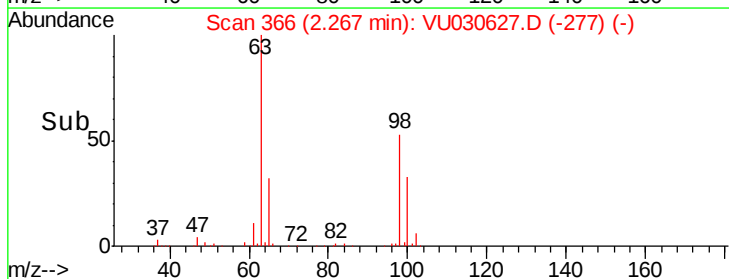
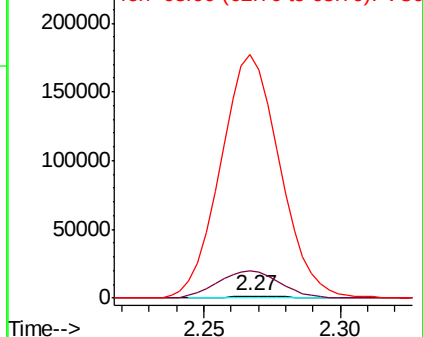
63 11258.0 92.4 171.6#

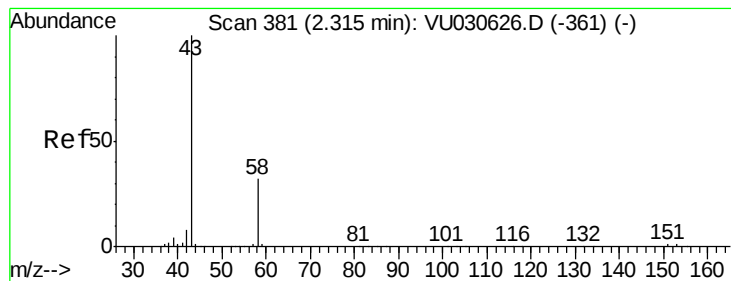


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.838 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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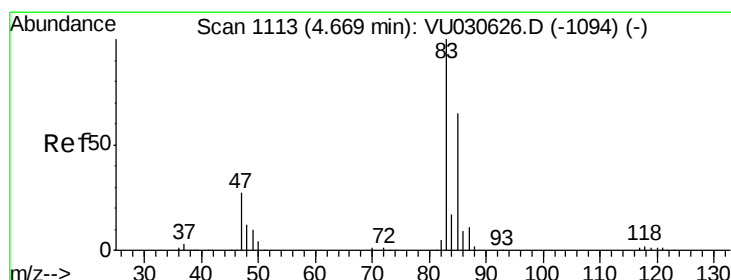
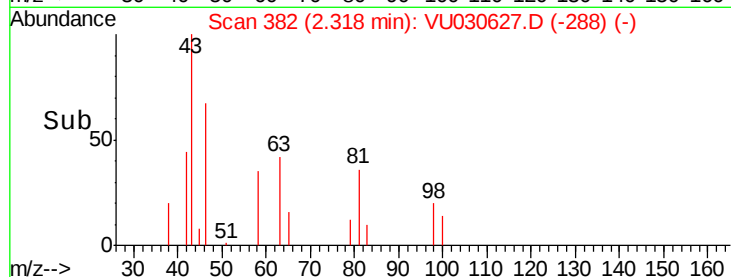
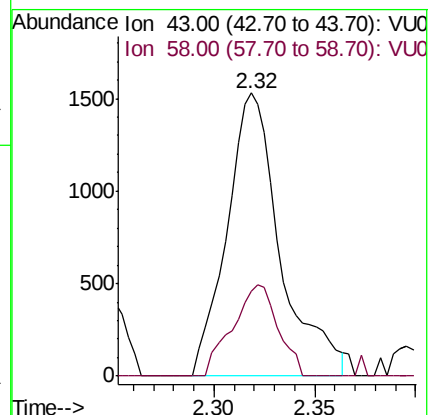
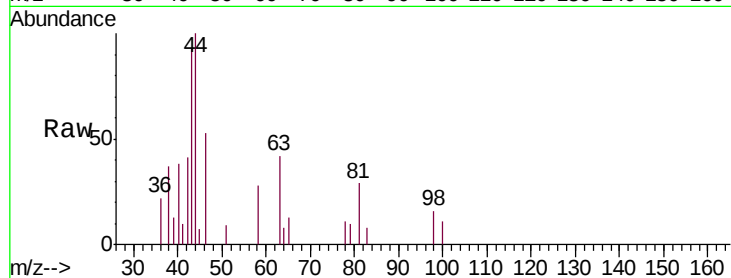
VBLK37

Tgt Ion: 43 Resp: 2823

Ion Ratio Lower Upper

43 100

58 27.5 0.0 62.8



#25

Chloroform

Concen: 2.181 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030627.D

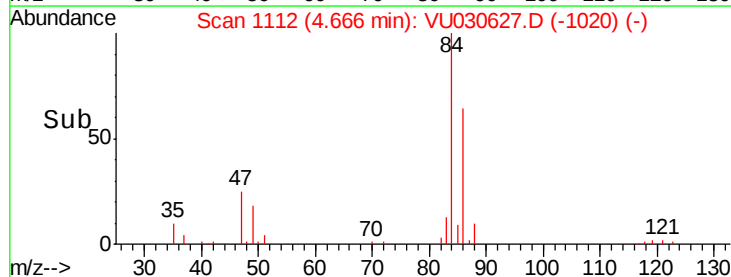
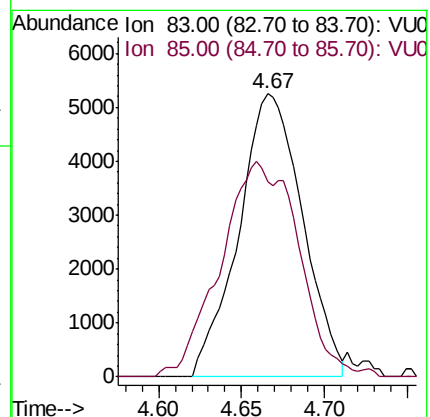
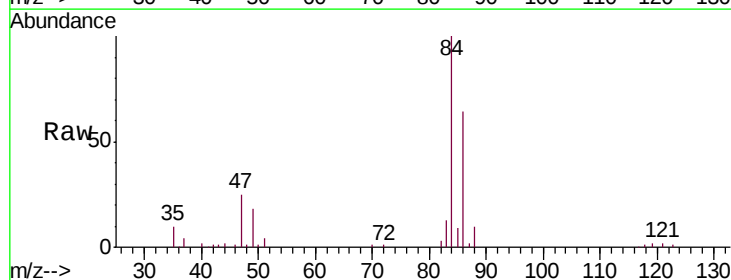
Acq: 03 Apr 2019 15:14

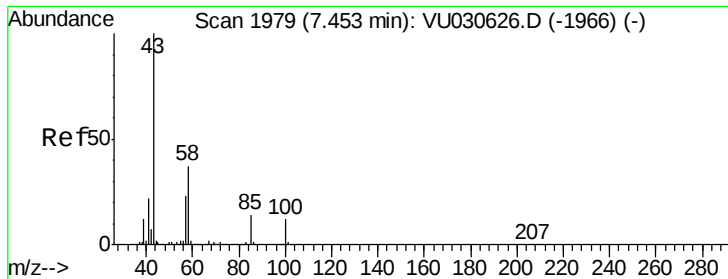
Tgt Ion: 83 Resp: 14061

Ion Ratio Lower Upper

83 100

85 69.1 44.4 82.4

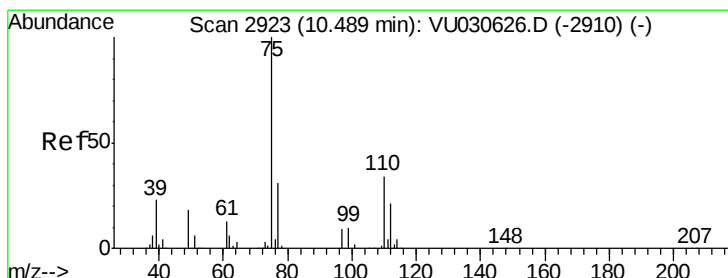
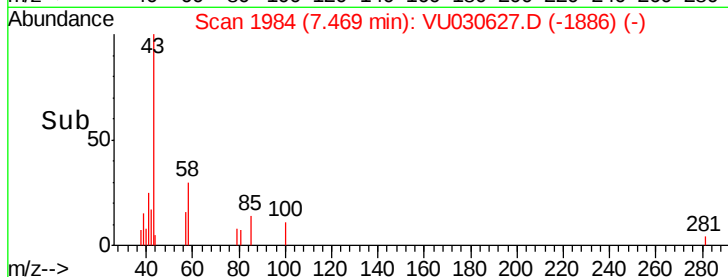
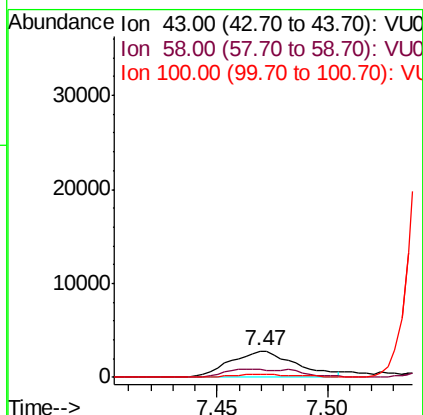
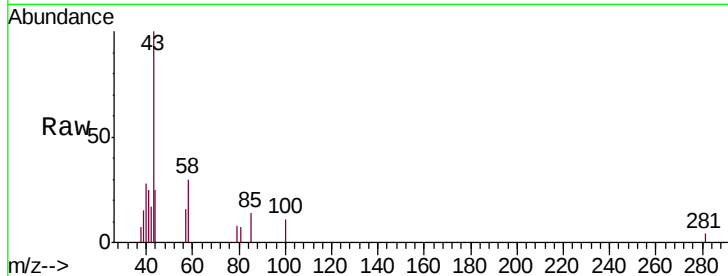




#40
 4-Methyl-2-pentanone
 Concen: 0.817 ug/L
 RT: 7.47 min Scan# 1984
 Delta R.T. 0.02 min
 Lab File: VU030627.D
 Acq: 03 Apr 2019 15:14

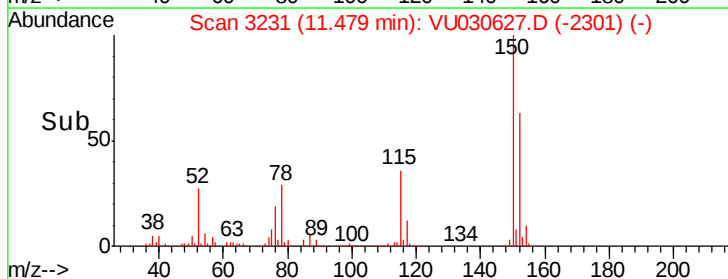
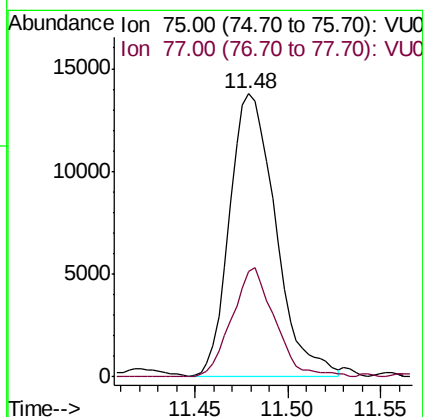
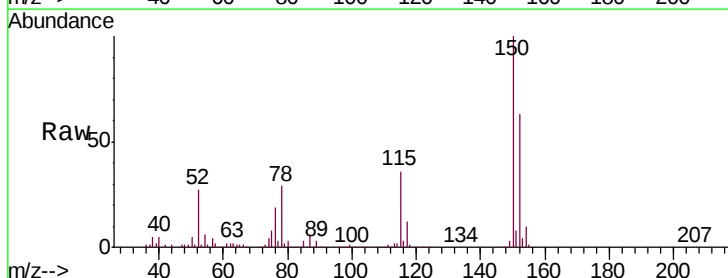
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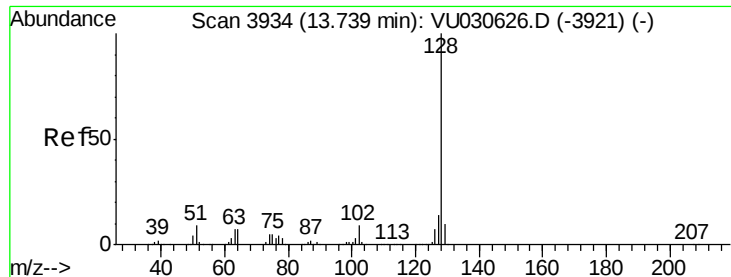
Tgt Ion: 43 Resp: 5768
 Ion Ratio Lower Upper
 43 100
 58 22.0 30.6 45.8#
 100 9.3 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.659 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030627.D
 Acq: 03 Apr 2019 15:14

Tgt Ion: 75 Resp: 23842
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.2





#69

Naphthalene

Concen: 0.525 ug/L

RT: 13.78 min Scan# 3946

Delta R.T. 0.04 min

Lab File: VU030627.D

Acq: 03 Apr 2019 15:14

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

Tgt Ion:128 Resp: 7126

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 2.2 8.4 12.6#

