

Data File : VU029394.D
Acq On : 11 Feb 2019 13:20
Operator : JC/SP
Sample : VU0211WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Feb 12 01:21:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81643	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	66987	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	124788	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.20	46	148781	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.65	84	121944	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	63801	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	264290	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	75671	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.56	98	256159	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.85	79	35178	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	150727	48.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61498	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	107866	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1689	0.096	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1198	0.072	ug/L #	1
13) Acetone	2.34	43	1270	0.527	ug/L	79
19) 1,1-Dichloroethane	3.44	63	891	0.032	ug/L #	8
25) Chloroform	4.67	83	3231	0.124	ug/L	81
37) 1,2-Dichloropropane	6.33	63	8290	0.594	ug/L #	87
40) 4-Methyl-2-pentanone	7.47	43	5048	0.640	ug/L #	80
42) Toluene	7.64	91	2235	0.036	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	2094	0.111	ug/L	91
48) 2-Hexanone	8.37	43	9888	1.811	ug/L #	94
52) Ethylbenzene	9.25	91	2261	0.032	ug/L #	77
55) Styrene	9.80	104	1753	0.038	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	13039	1.473	ug/L	90
62) 1,3-Dichlorobenzene	11.42	146	2719	0.075	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	3327	0.090	ug/L #	88
65) 1,2-Dichlorobenzene	11.88	146	2216	0.065	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.89	180	2681	0.089	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

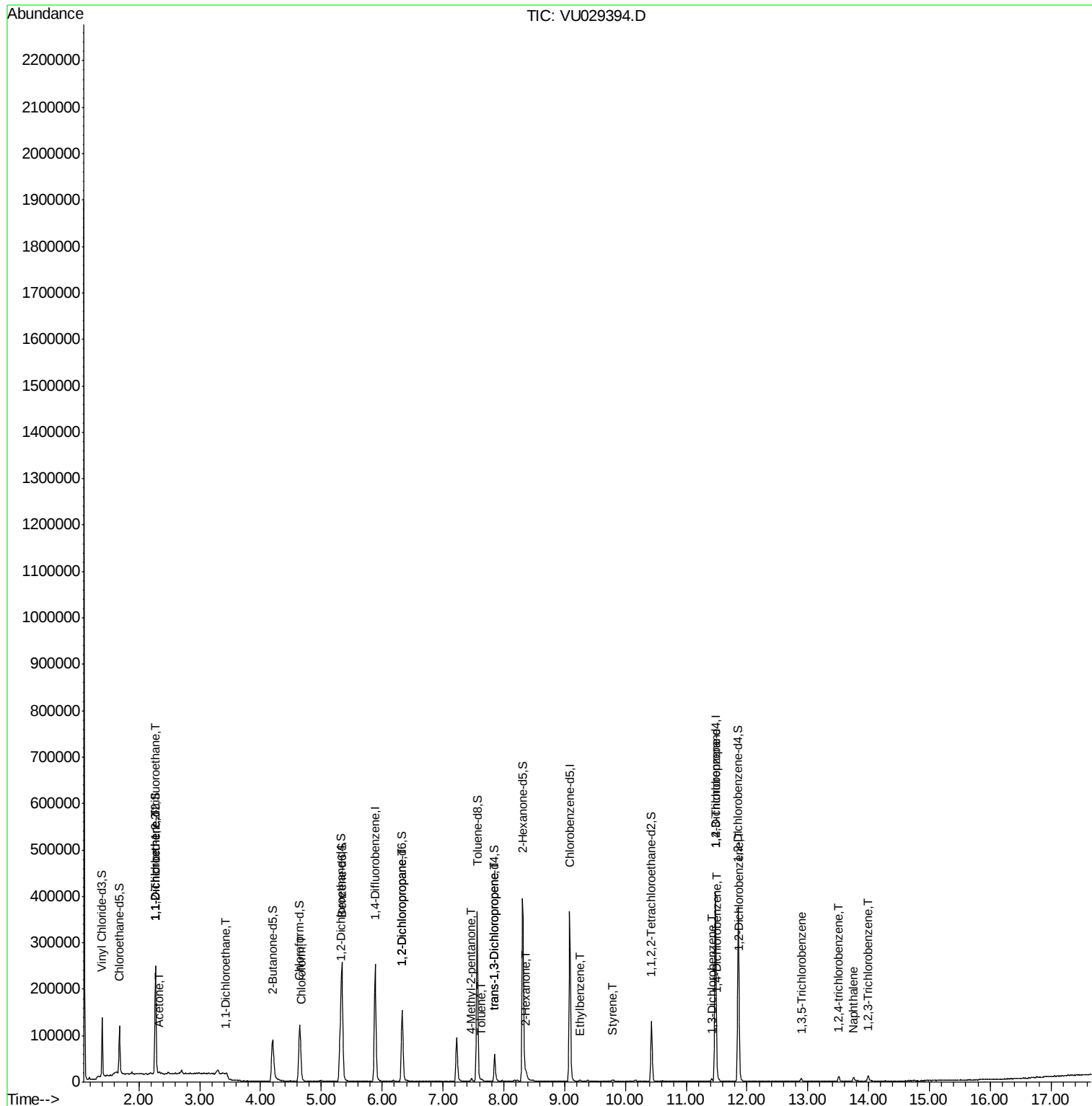
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.51	180	4453	0.170	ug/L	97
69) Naphthalene	13.75	128	10562	0.259	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	5230	0.220	ug/L	99

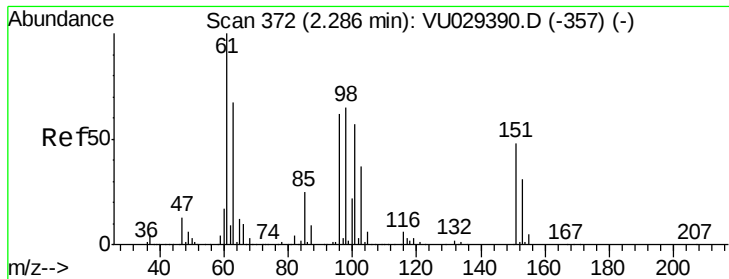
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.096 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029394.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK49

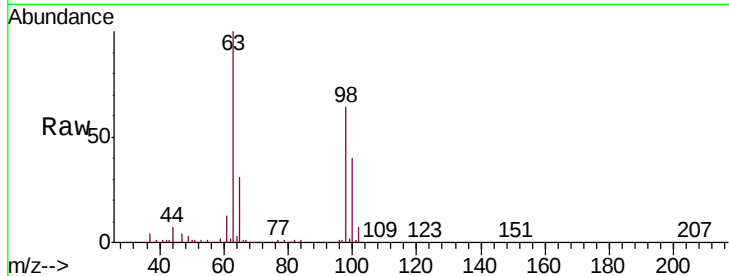
Tgt Ion: 101 Resp: 1689

Ion Ratio Lower Upper

101 100

85 4.4 34.9 52.3#

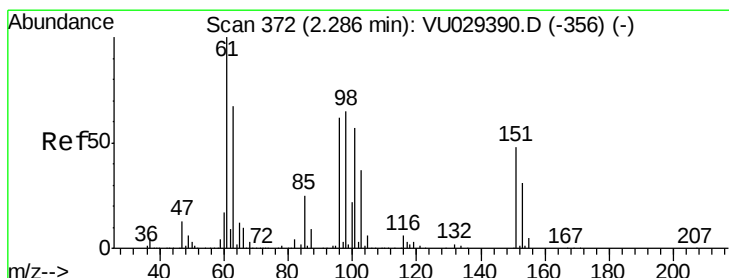
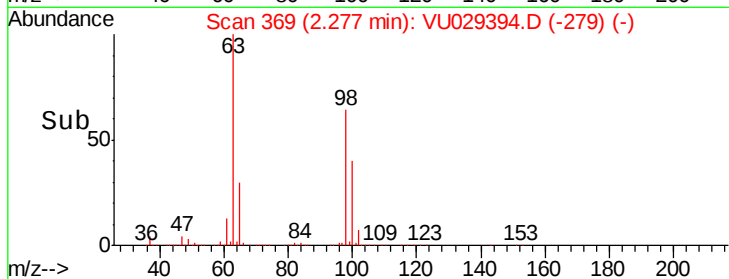
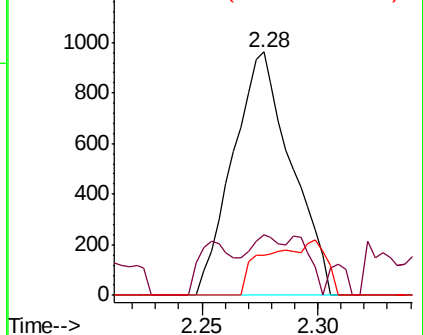
151 0.0 67.0 100.4#



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



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029394.D

Acq: 11 Feb 2019 13:20

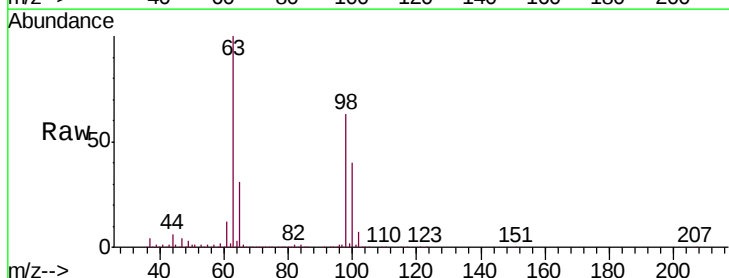
Tgt Ion: 96 Resp: 1198

Ion Ratio Lower Upper

96 100

61 1033.6 112.4 208.8#

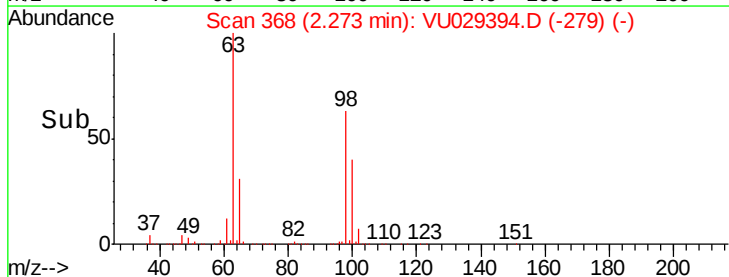
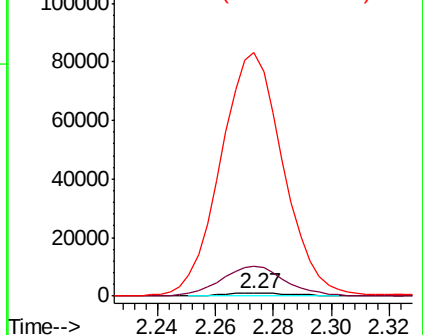
63 8484.9 75.5 140.3#

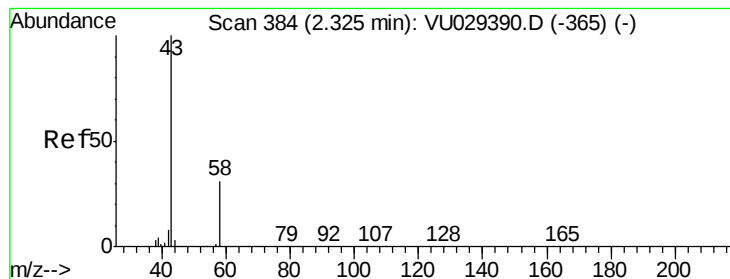


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.527 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU029394.D

Acq: 11 Feb 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

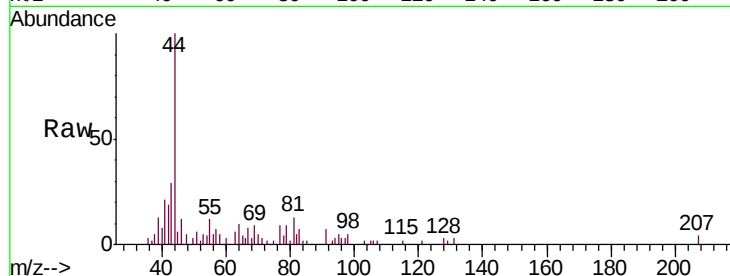
VBLK49

Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

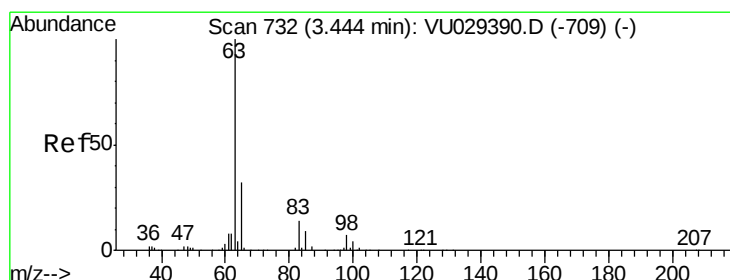
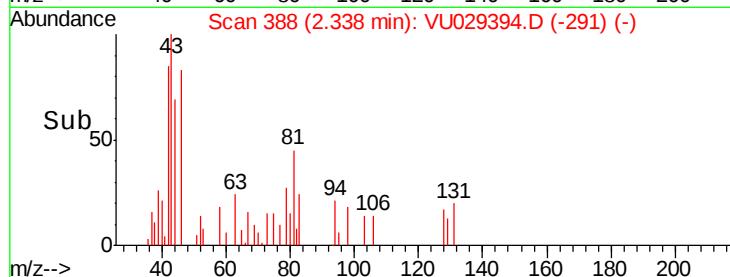
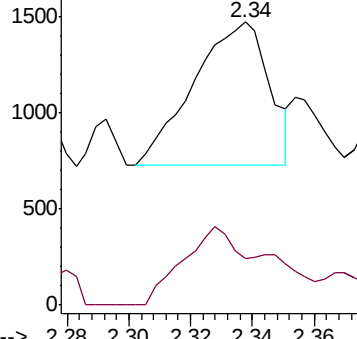
43 100

58 44.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#19

1,1-Dichloroethane

Concen: 0.032 ug/L

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029394.D

Acq: 11 Feb 2019 13:20

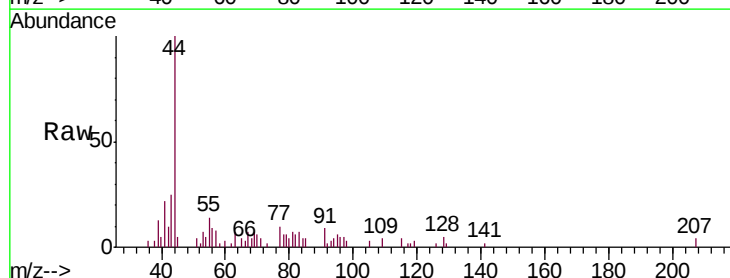
Tgt Ion: 63 Resp: 891

Ion Ratio Lower Upper

63 100

65 57.0 22.8 42.4#

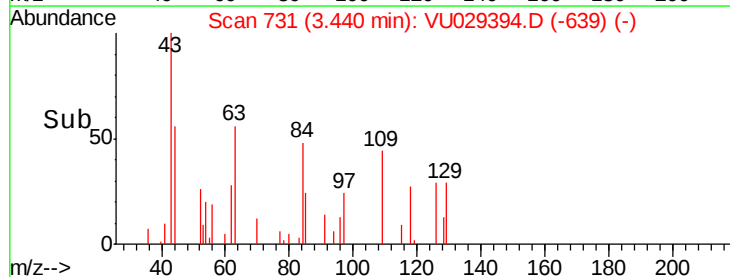
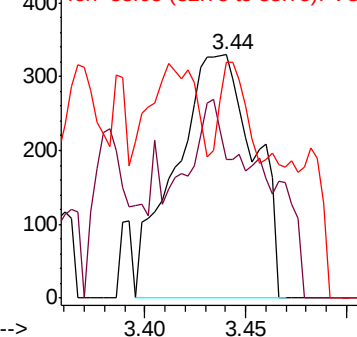
83 97.0 10.0 18.6#

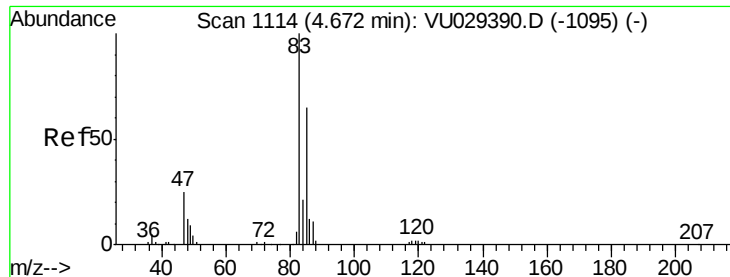


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

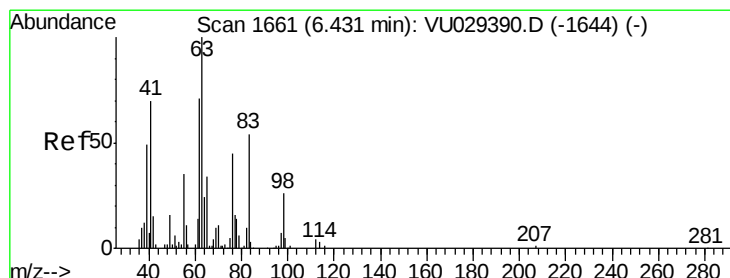
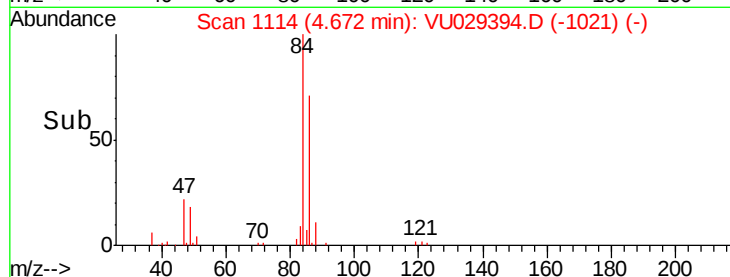
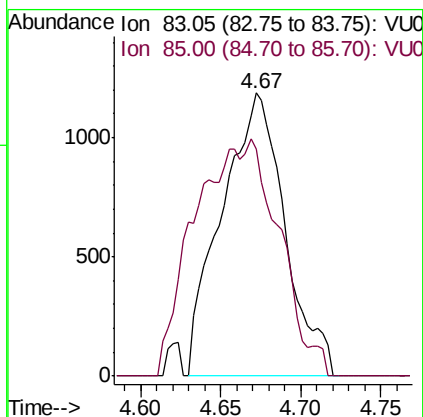
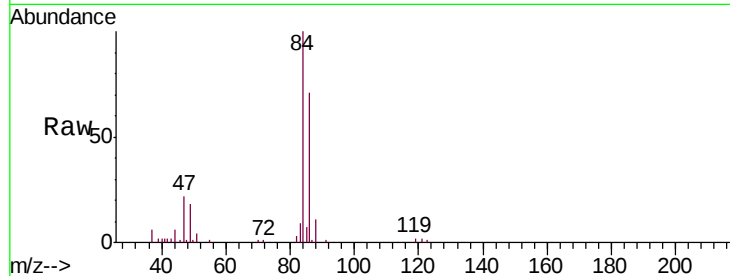




#25
Chloroform
Concen: 0.124 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

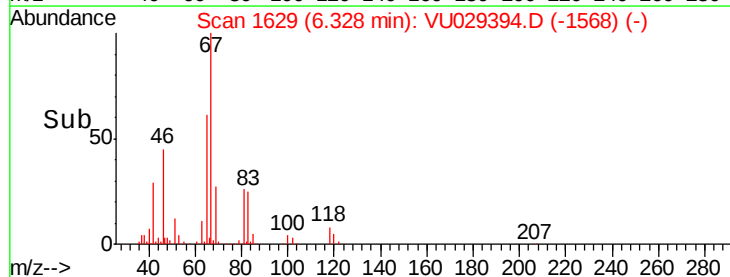
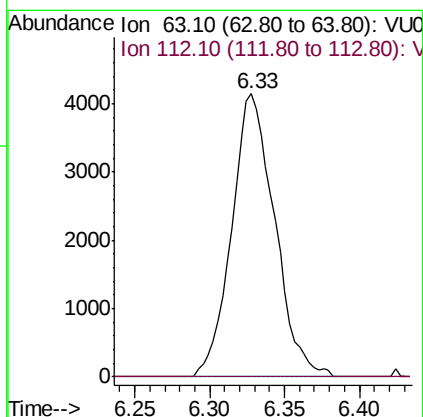
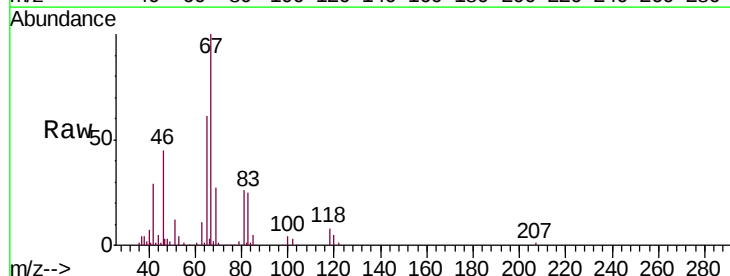
Instrument :
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ClientSampleId :
VBLK49

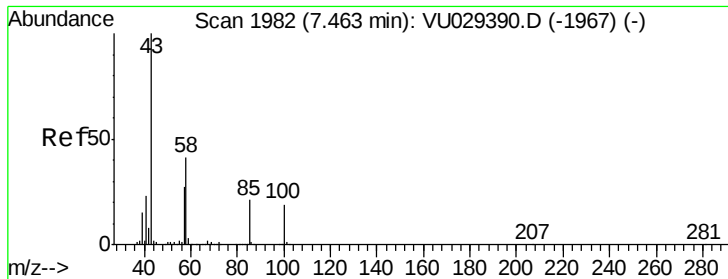
Tgt Ion: 83 Resp: 3231
Ion Ratio Lower Upper
83 100
85 80.2 45.7 84.9



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

Tgt Ion: 63 Resp: 8290
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

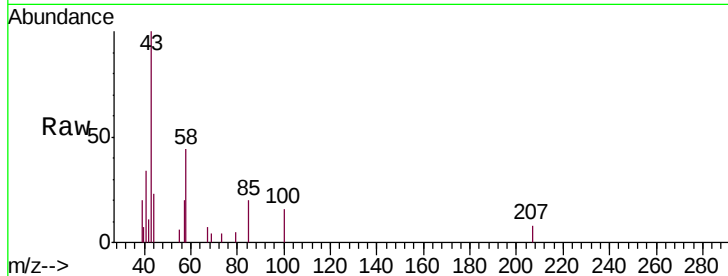




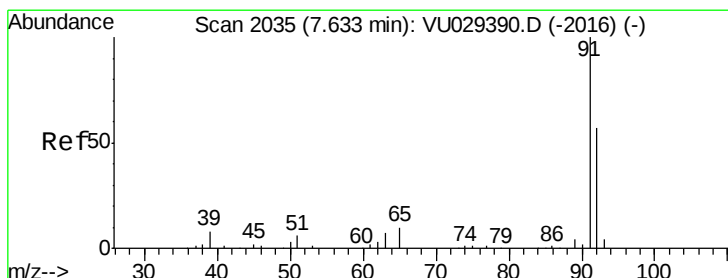
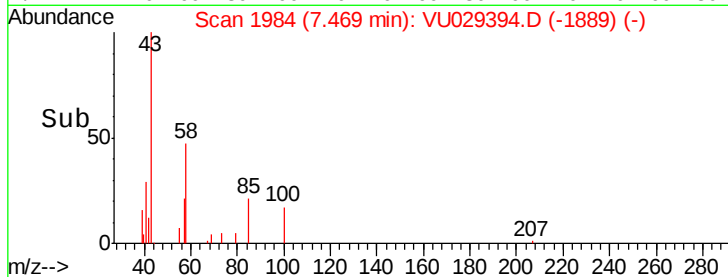
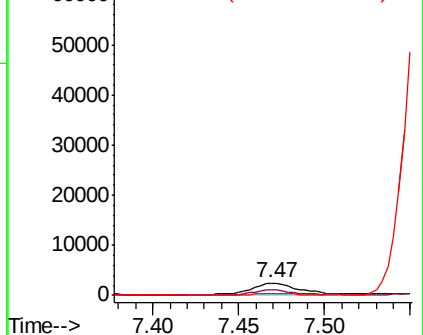
#40
4-Methyl-2-pentanone
Concen: 0.640 ug/L
RT: 7.47 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Tgt Ion: 43 Resp: 5048
Ion Ratio Lower Upper
43 100
58 34.8 33.0 49.4
100 0.0 14.6 21.8#

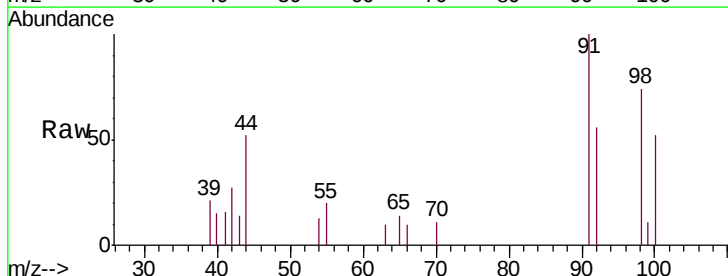


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

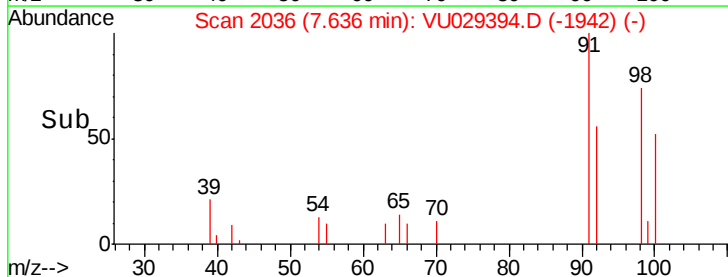
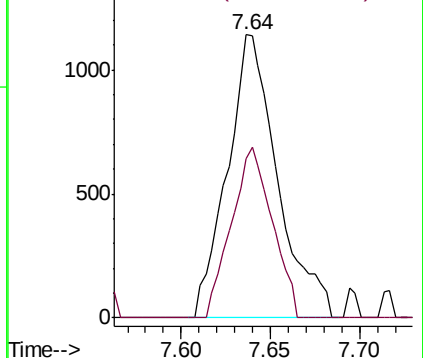


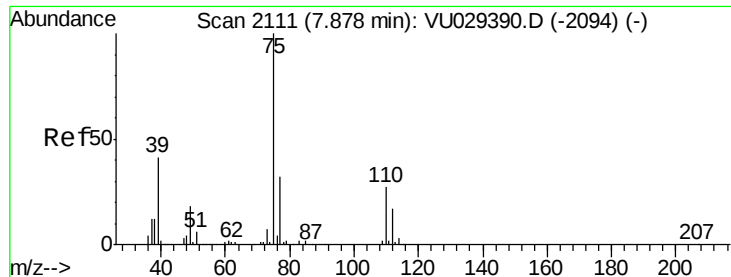
#42
Toluene
Concen: 0.036 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

Tgt Ion: 91 Resp: 2235
Ion Ratio Lower Upper
91 100
92 56.3 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

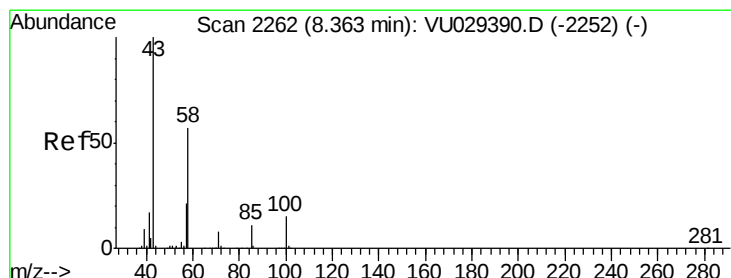
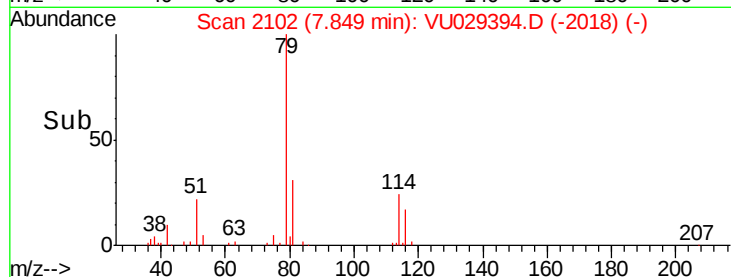
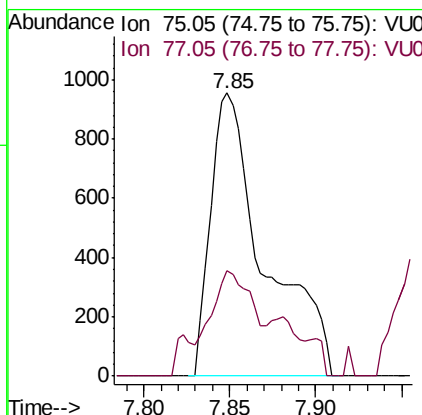
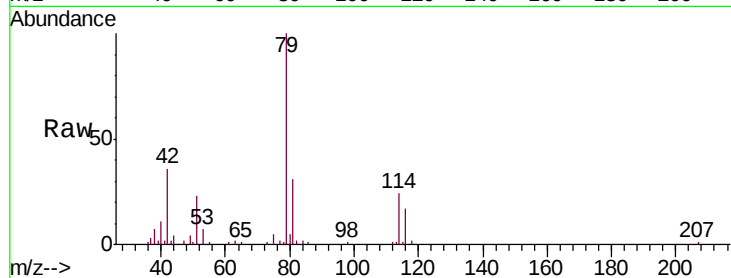




#44
trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

Instrument :
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ClientSampled :
VBLK49

Tgt Ion: 75 Resp: 2094
Ion Ratio Lower Upper
75 100
77 37.1 22.3 41.5



#48
2-Hexanone
Concen: 1.811 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029394.D
Acq: 11 Feb 2019 13:20

Tgt Ion: 43 Resp: 9888
Ion Ratio Lower Upper
43 100
58 54.9 45.8 68.6
57 23.1 16.4 24.6
100 6.3 11.4 17.0#

