

Data File : VU026872.D
Acq On : 18 Sep 2018 19:07
Operator : MD/SY
Sample : VU0918MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Quant Time: Sep 19 07:39:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	244924	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87371	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.44%
7) Chloroethane-d5	1.68	69	77130	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	2.27	63	125775	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.18	46	133435	110.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.98%
24) Chloroform-d	4.65	84	160534	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.31	65	107020	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
32) Benzene-d6	5.34	84	332732	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.33	67	108913	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.70%
41) Toluene-d8	7.57	98	284052	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.85	79	42823	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.31	63	93116	112.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145640	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	109667	54.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.92%

Target Compounds

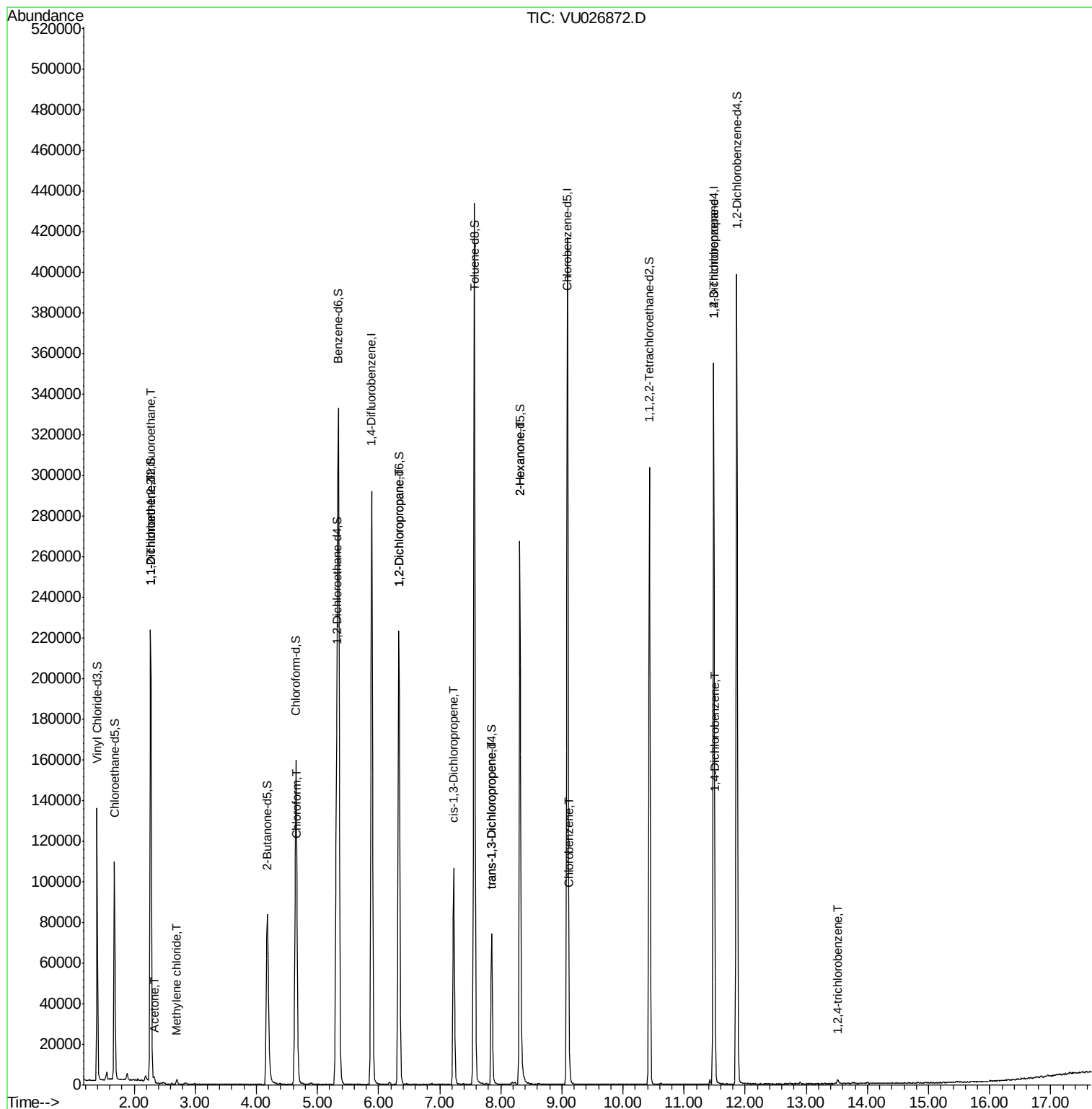
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1159	0.685 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	947	0.596 ug/L #	1
13) Acetone	2.32	43	750	0.635 ug/L	58
16) Methylene chloride	2.70	84	1147	0.568 ug/L	88
25) Chloroform	4.67	83	4990	1.460 ug/L	99
37) 1,2-Dichloropropane	6.33	63	11360	5.734 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2451	0.876 ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	1813	0.692 ug/L	90
48) 2-Hexanone	8.31	43	10919	5.751 ug/L #	67
51) Chlorobenzene	9.12	112	5118	1.034 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	11447	4.824 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	4142	1.287 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	1220	0.626 ug/L #	92

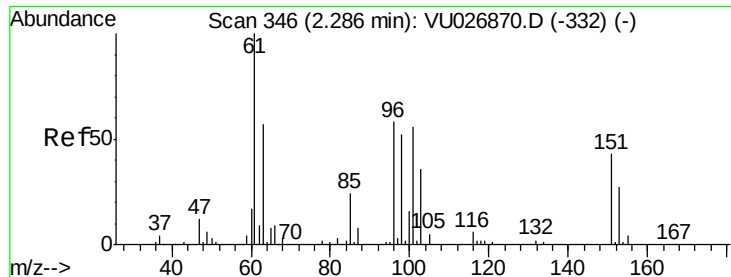
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.685 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026872.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK44

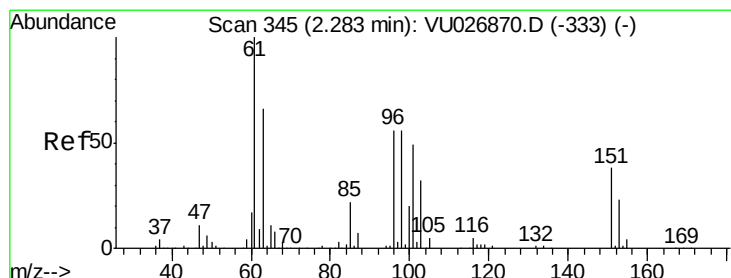
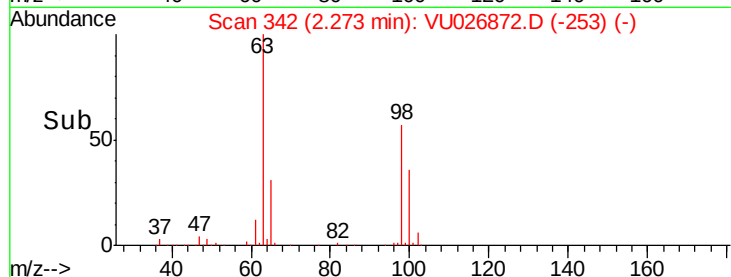
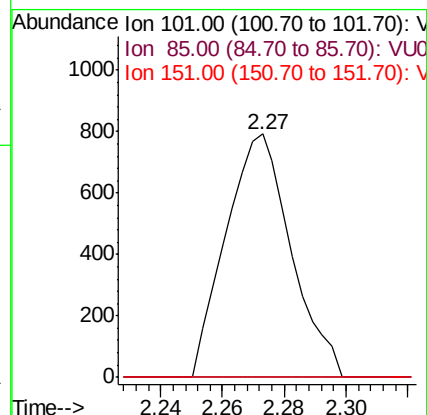
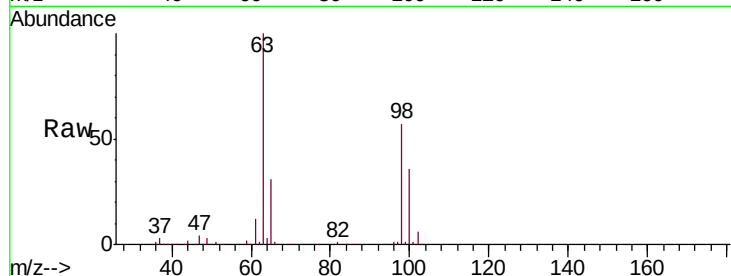
Tgt Ion: 101 Resp: 1159

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.596 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026872.D

Acq: 18 Sep 2018 19:07

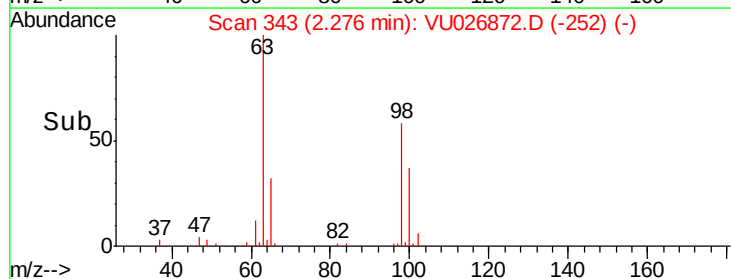
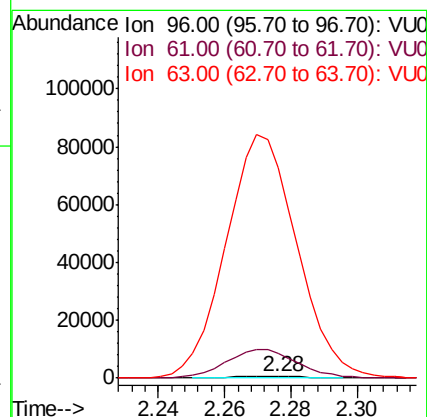
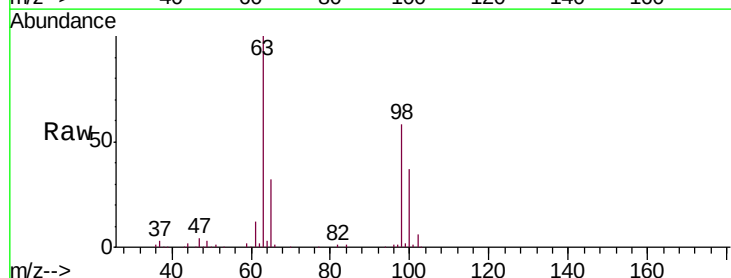
Tgt Ion: 96 Resp: 947

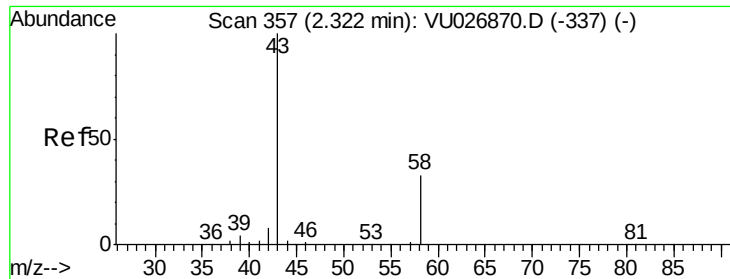
Ion Ratio Lower Upper

96 100

61 1586.3 124.0 230.4#

63 13408.1 97.7 181.5#





#13

Acetone

Concen: 0.635 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026872.D

Acq: 18 Sep 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

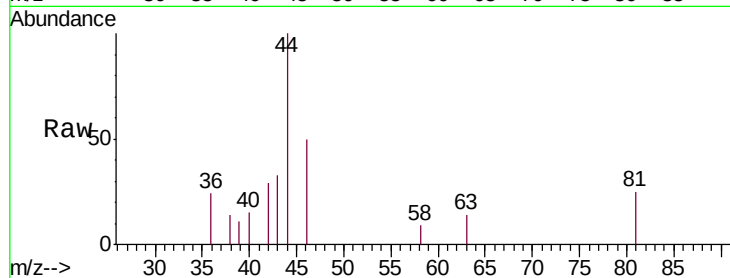
VBLK44

Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

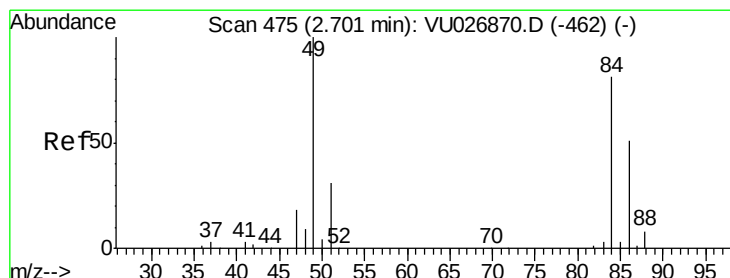
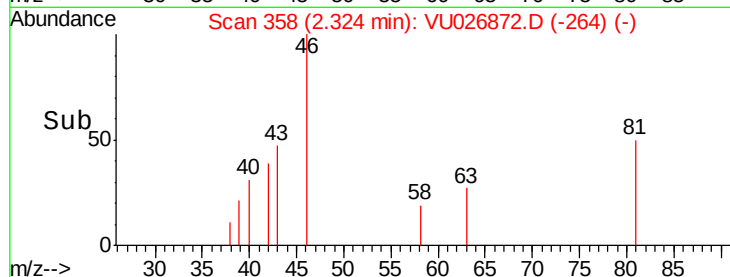
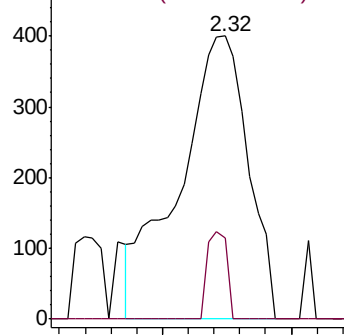
43 100

58 8.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 0.568 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU026872.D

Acq: 18 Sep 2018 19:07

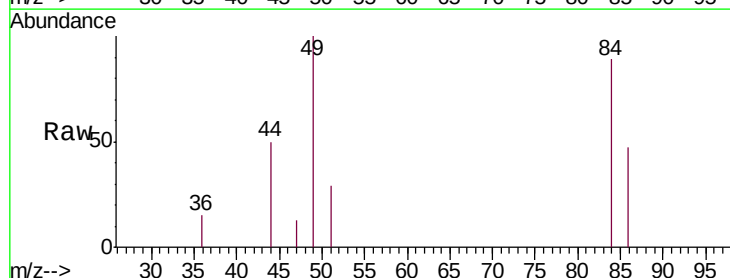
Tgt Ion: 84 Resp: 1147

Ion Ratio Lower Upper

84 100

86 52.6 45.3 84.1

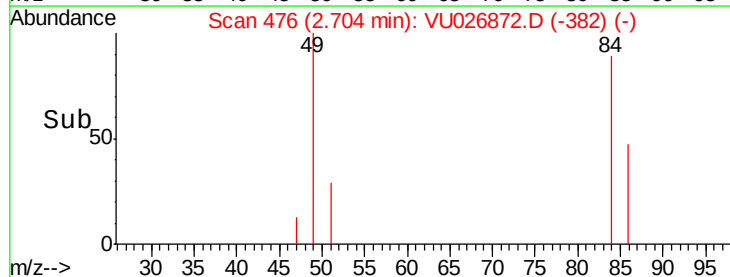
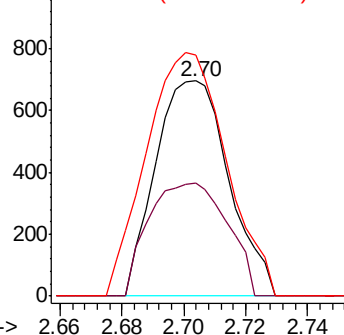
49 112.4 86.2 160.2

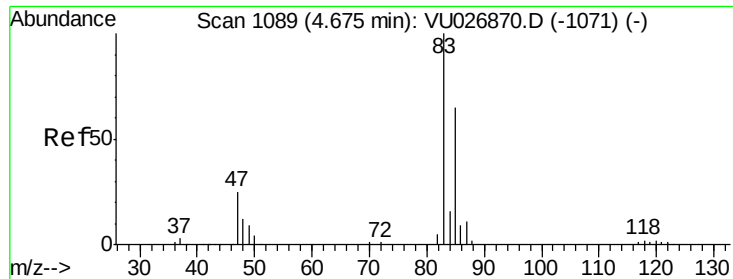


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

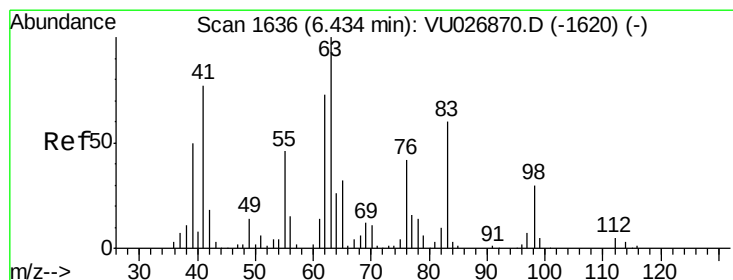
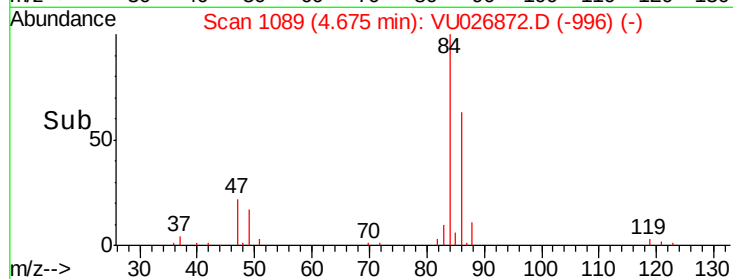
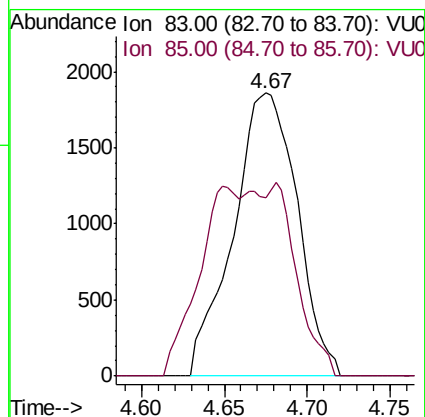
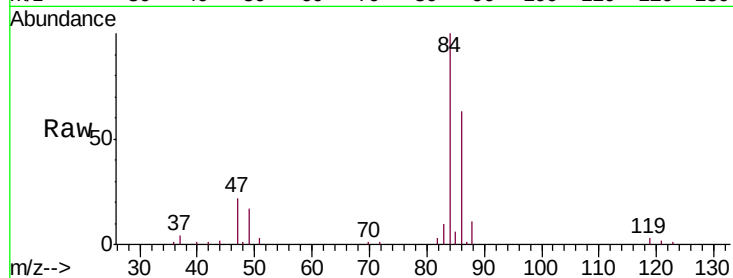




#25
Chloroform
Concen: 1.460 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026872.D
Acq: 18 Sep 2018 19:07

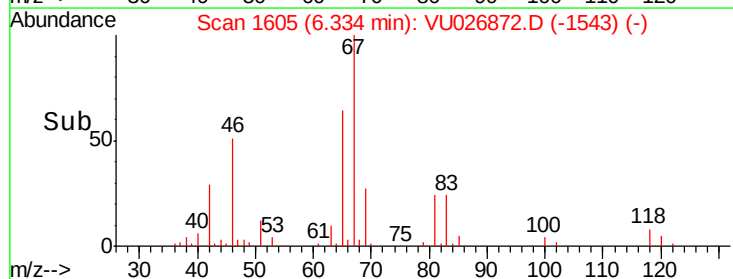
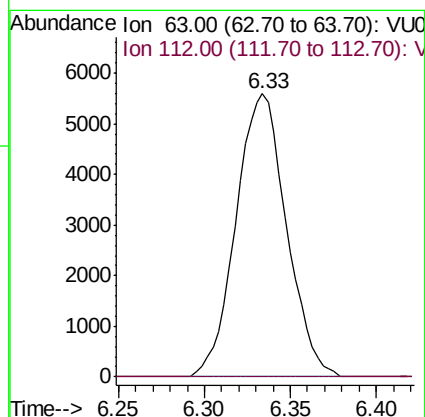
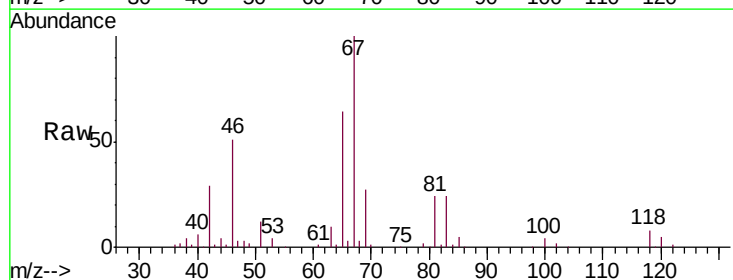
Instrument :
MSVOA_U
ClientSampleId :
VBLK44

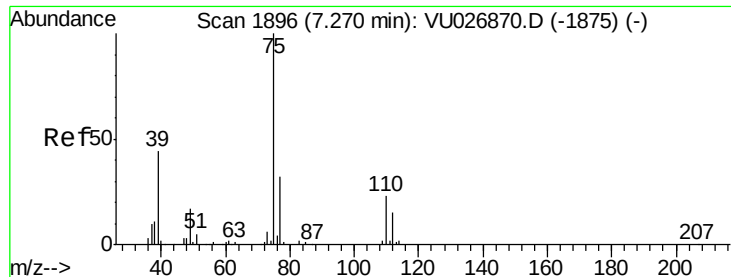
Tgt Ion: 83 Resp: 4990
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.5



#37
1,2-Dichloropropane
Concen: 5.734 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026872.D
Acq: 18 Sep 2018 19:07

Tgt Ion: 63 Resp: 11360
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.876 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026872.D

Acq: 18 Sep 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

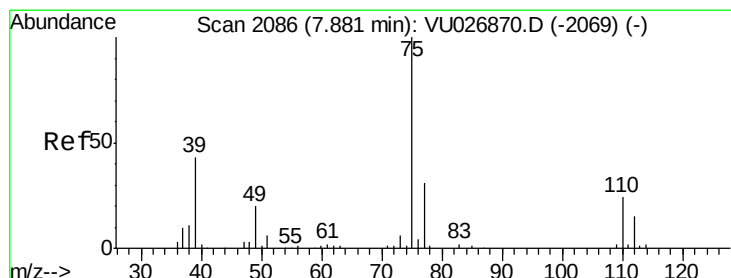
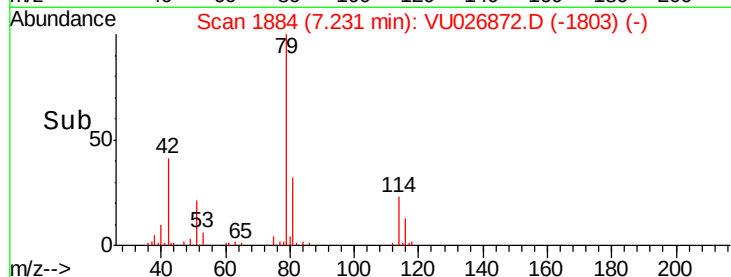
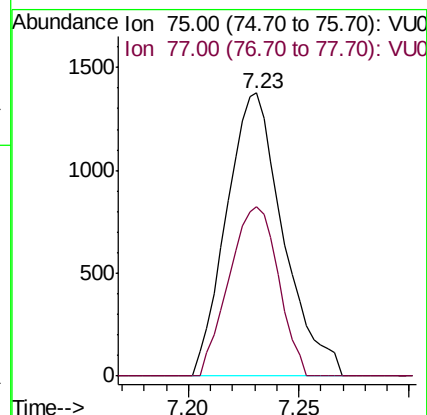
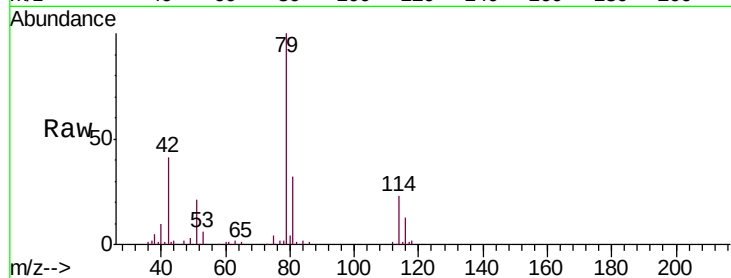
VBLK44

Tgt Ion: 75 Resp: 2451

Ion Ratio Lower Upper

75 100

77 59.7 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026872.D

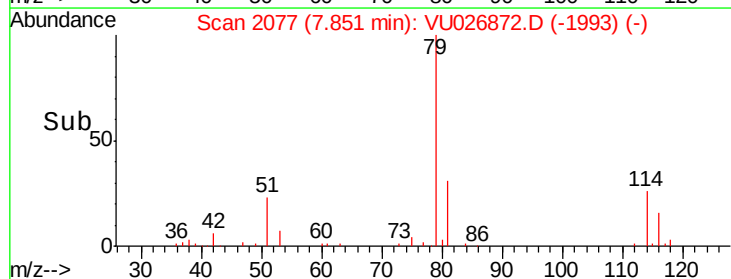
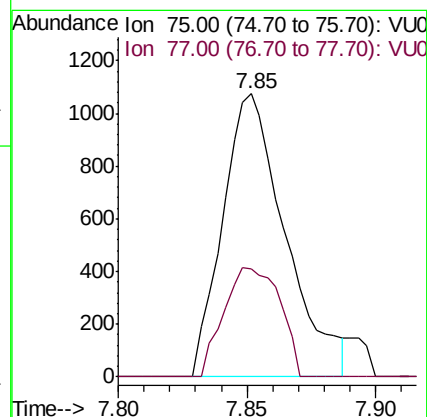
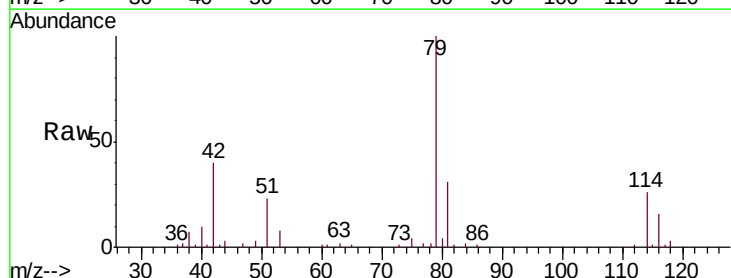
Acq: 18 Sep 2018 19:07

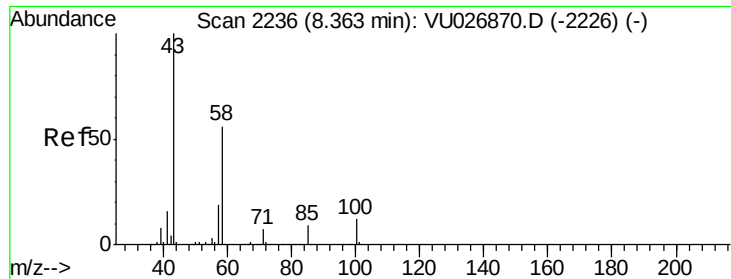
Tgt Ion: 75 Resp: 1813

Ion Ratio Lower Upper

75 100

77 38.4 22.8 42.4

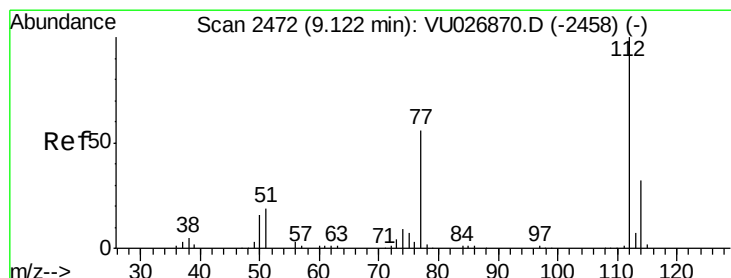
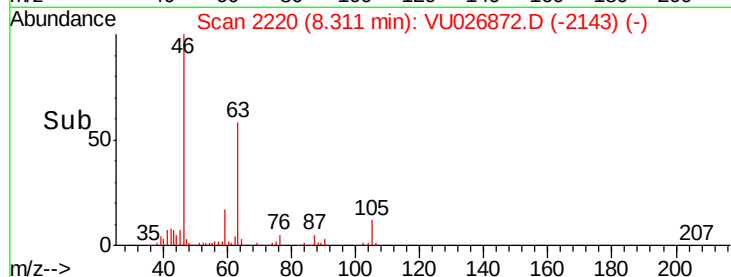
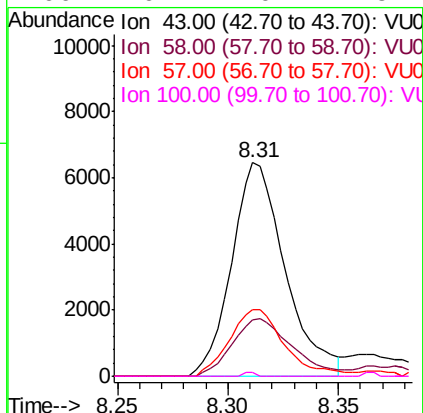
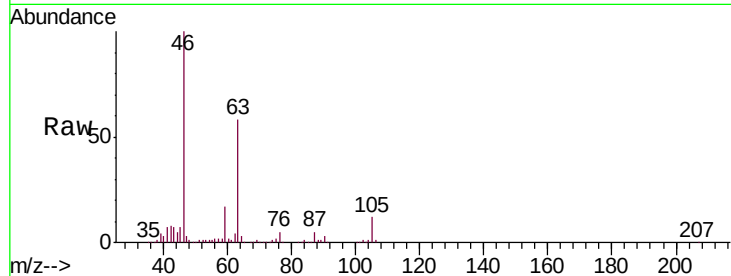




#48
 2-Hexanone
 Concen: 5.751 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026872.D
 Acq: 18 Sep 2018 19:07

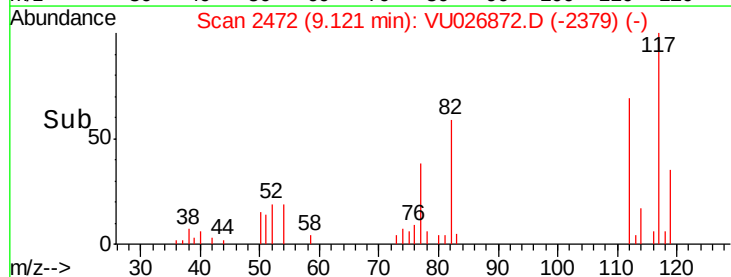
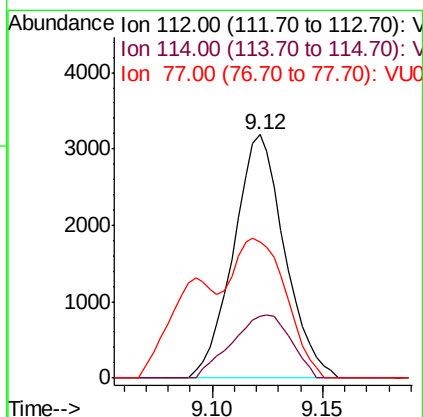
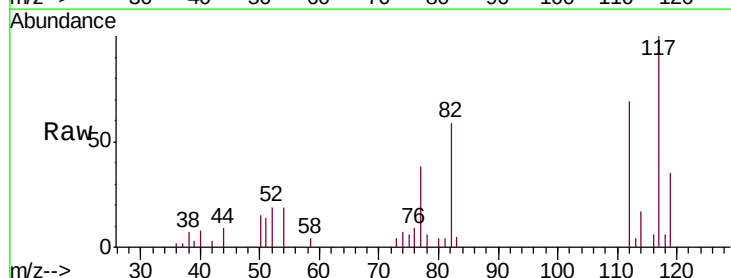
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 MSVOA_U
 ClientSampleID :
 VBLK44

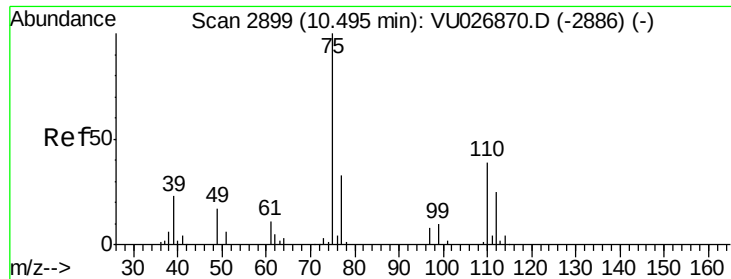
Tgt Ion:	43	Resp:	10919
Ion	Ratio	Lower	Upper
43	100		
58	30.1	44.9	67.3#
57	32.0	15.4	23.2#
100	0.4	10.2	15.4#



#51
 Chlorobenzene
 Concen: 1.034 ug/L
 RT: 9.12 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: VU026872.D
 Acq: 18 Sep 2018 19:07

Tgt Ion:	112	Resp:	5118
Ion	Ratio	Lower	Upper
112	100		
114	25.2	22.3	41.5
77	56.1	45.1	67.7

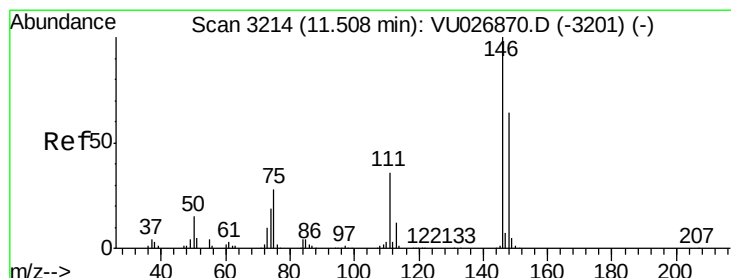
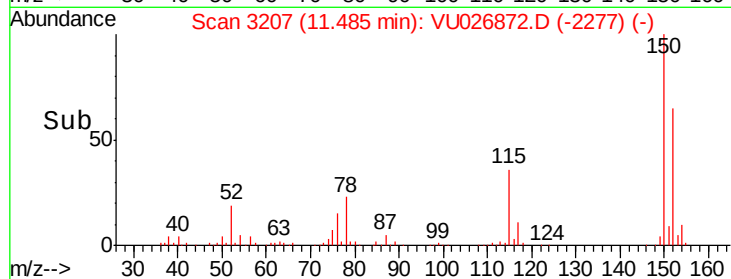
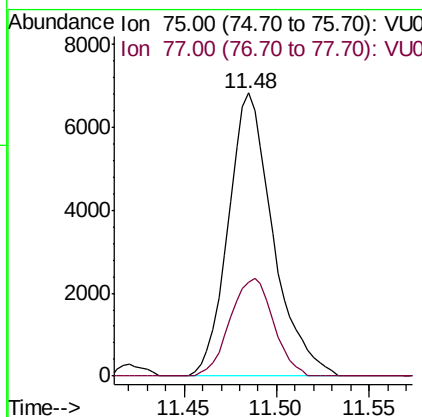
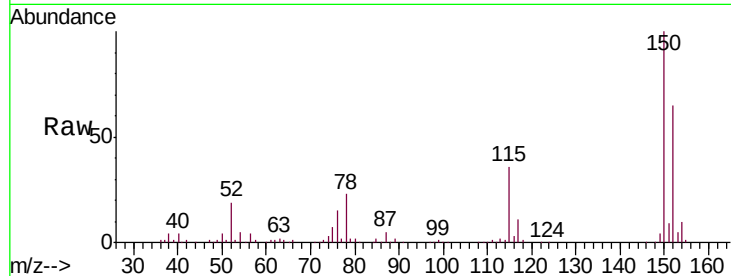




#59
 1,2,3-Trichloropropane
 Concen: 4.824 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026872.D
 Acq: 18 Sep 2018 19:07

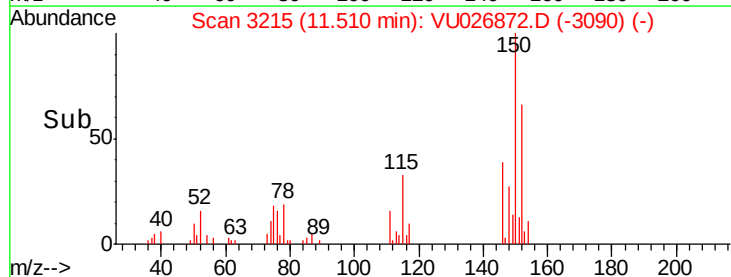
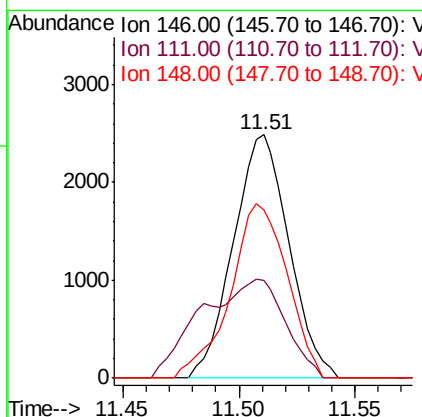
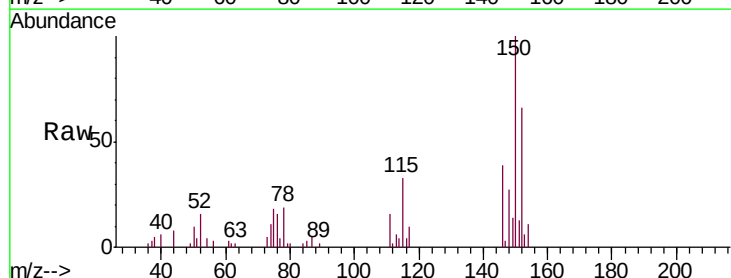
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK44

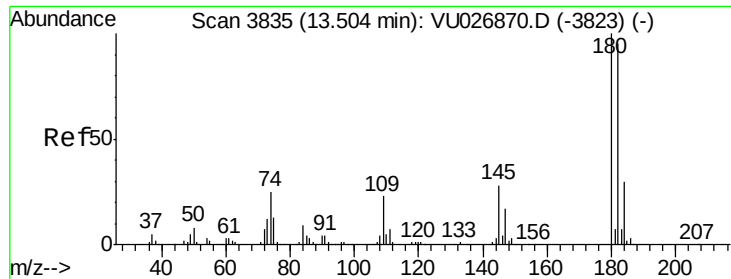
Tgt Ion: 75 Resp: 11447
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.5 38.3



#63
 1,4-Dichlorobenzene
 Concen: 1.287 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026872.D
 Acq: 18 Sep 2018 19:07

Tgt Ion: 146 Resp: 4142
 Ion Ratio Lower Upper
 146 100
 111 40.2 26.0 48.2
 148 69.1 45.8 85.2





#68
 1,2,4-trichlorobenzene
 Concen: 0.626 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026872.D
 Acq: 18 Sep 2018 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	15.2	22.2	33.2

