

Data File : VU027871.D
Acq On : 30 Oct 2018 13:26
Operator : MD/SY
Sample : VU1030WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Quant Time: Oct 31 02:17:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	97807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32227	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.68	69	24297	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.28	63	45347	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.19	46	96123	42.17	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.34%
24) Chloroform-d	4.65	84	54553	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.31	65	31674	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.34	84	106018	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.33	67	36653	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.57	98	99775	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.85	79	14354	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	79420	42.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25983	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	35303	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

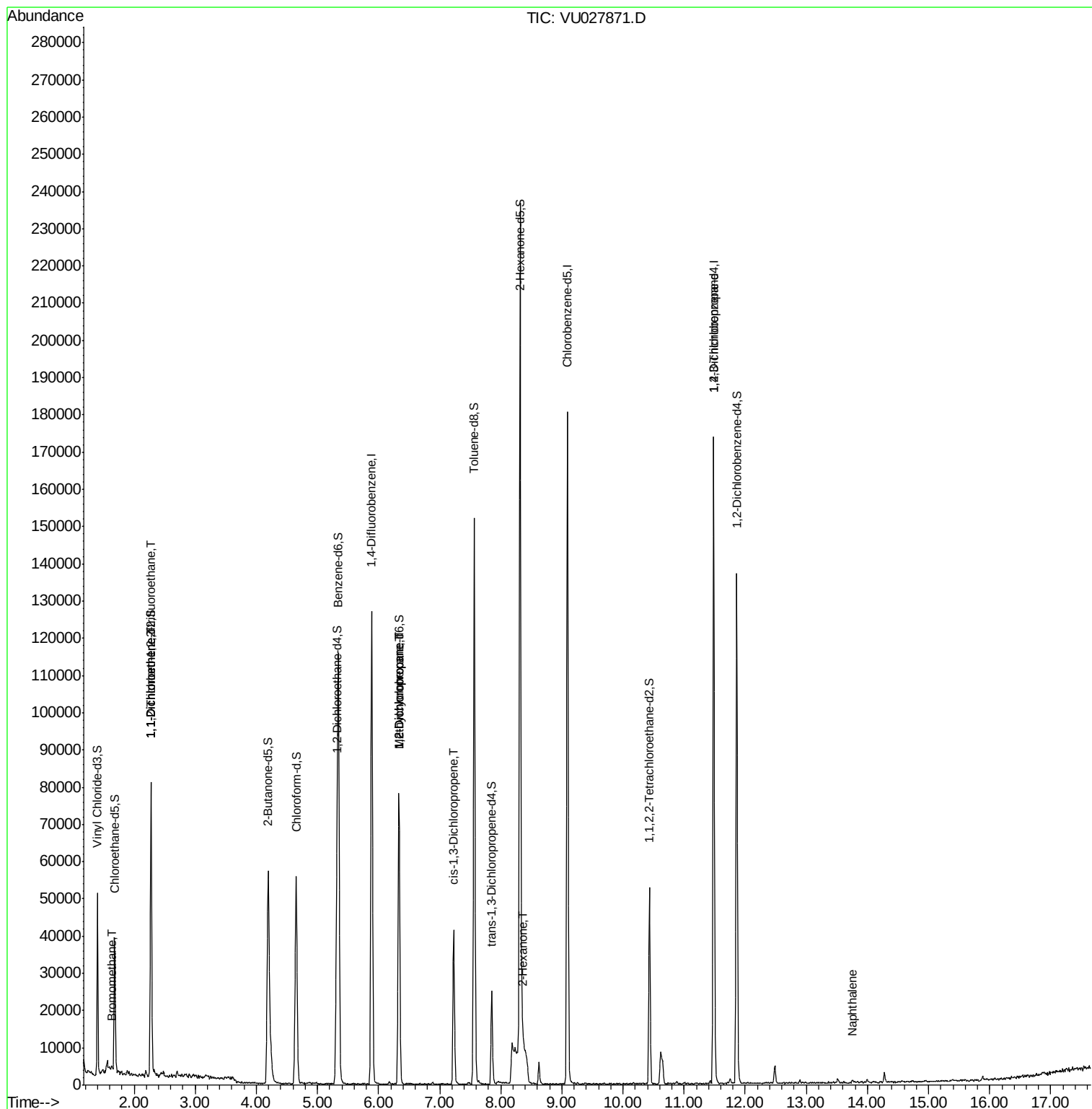
						Qvalue
6) Bromomethane	1.63	94	165	0.053	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	268	0.042	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	391	0.064	ug/L #	1
35) Methylcyclohexane	6.33	83	8373	0.655	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	4241	0.516	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1041	0.088	ug/L #	67
48) 2-Hexanone	8.37	43	1163	0.278	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	5377	1.079	ug/L	95
69) Naphthalene	13.76	128	1029	0.071	ug/L #	75

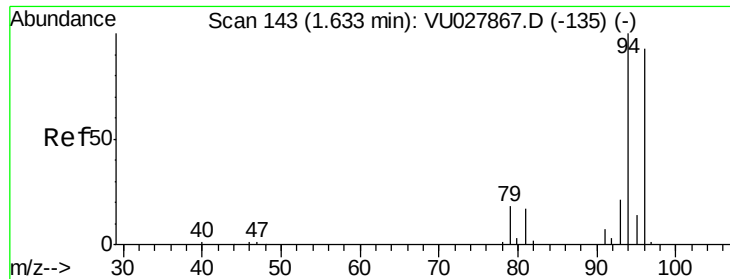
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.053 ug/L

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU027871.D

Acq: 30 Oct 2018 13:26

Instrument :

MSVOA_U

ClientSampleId :

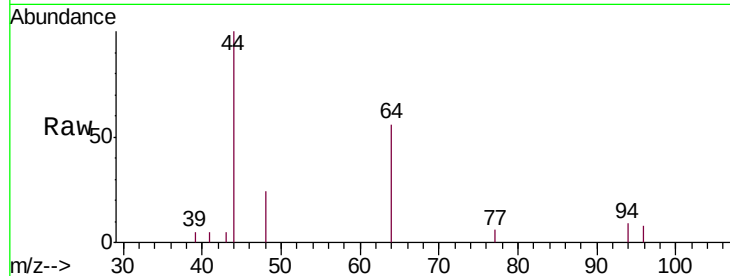
VBLK54

Tgt Ion: 94 Resp: 165

Ion Ratio Lower Upper

94 100

96 88.5 65.0 120.6



Abundance Ion 94.00 (93.70 to 94.70): VU027867.D (-135) (-)

Ion 96.00 (95.70 to 96.70): VU027867.D (-135) (-)

1.63

200

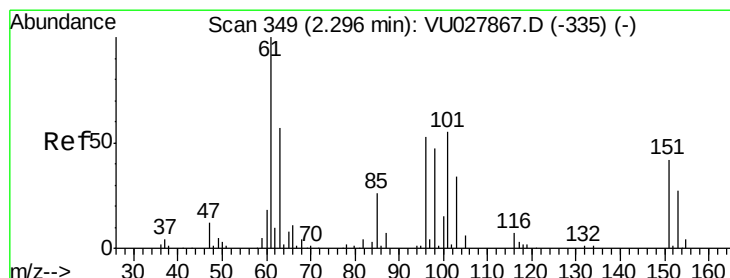
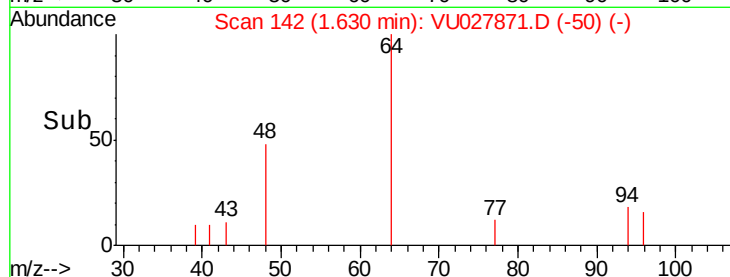
150

100

50

0

Time-->



#10

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

Concen: 0.042 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU027871.D

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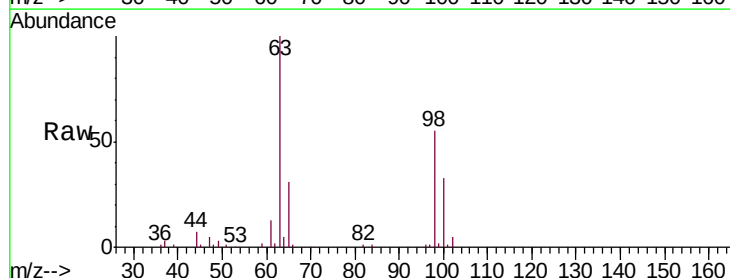
Tgt Ion: 101 Resp: 268

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

151 0.0 59.9 89.9#



Abundance Ion 101.00 (100.70 to 101.70): VU027867.D (-335) (-)

Ion 85.00 (84.70 to 85.70): VU027867.D (-335) (-)

Ion 151.00 (150.70 to 151.70): VU027867.D (-335) (-)

2.28

200

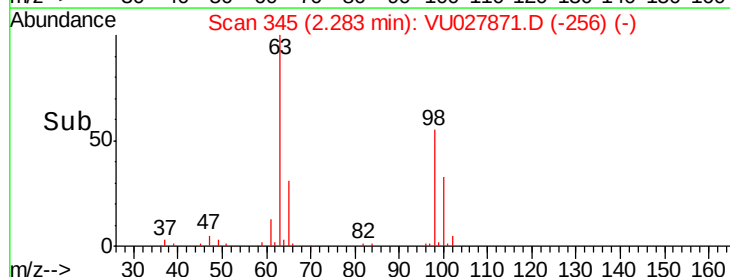
150

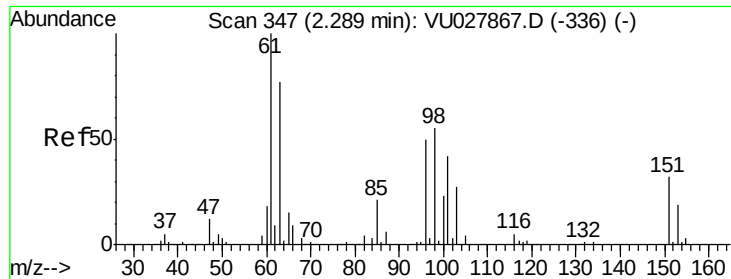
100

50

0

Time-->

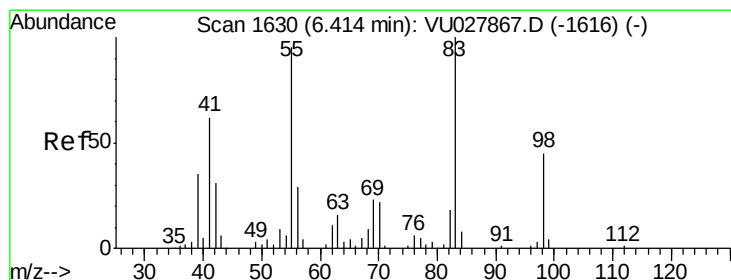
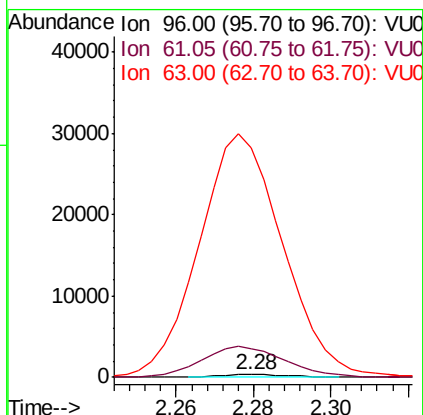
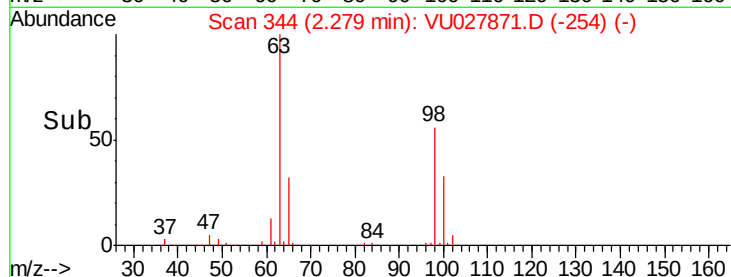
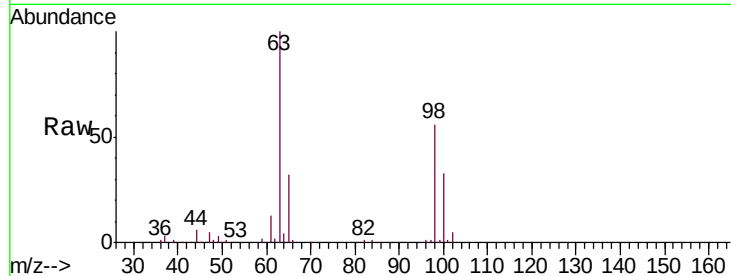




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

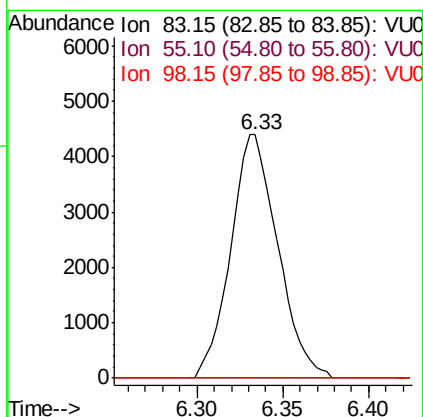
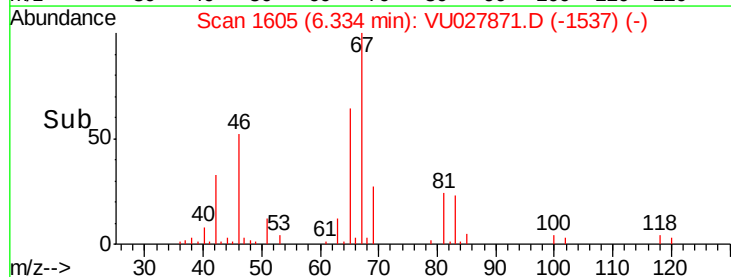
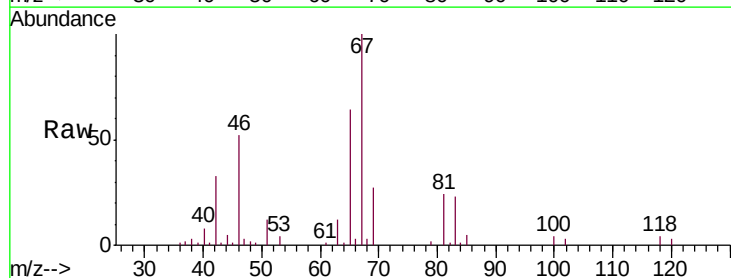
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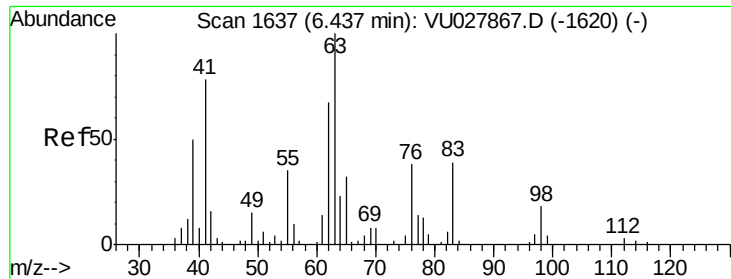
Tgt Ion: 96 Resp: 391
 Ion Ratio Lower Upper
 96 100
 61 1063.6 141.1 262.1#
 63 8437.0 113.0 209.9#



#35
 Methylcyclohexane
 Concen: 0.655 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

Tgt Ion: 83 Resp: 8373
 Ion Ratio Lower Upper
 83 100
 55 0.0 73.4 110.0#
 98 0.0 35.3 52.9#

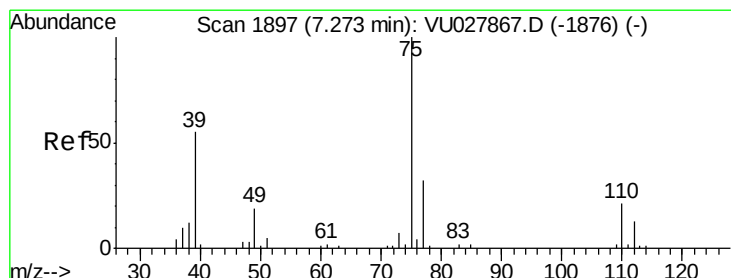
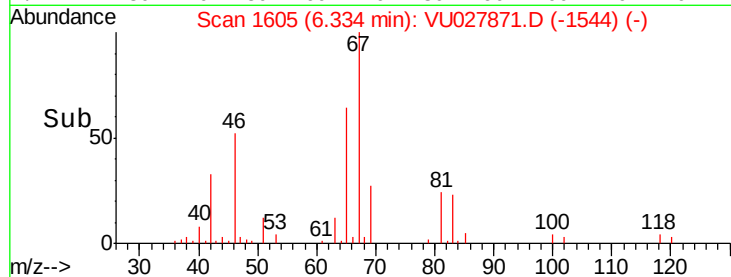
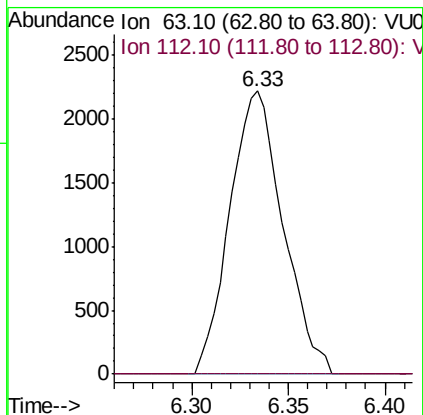
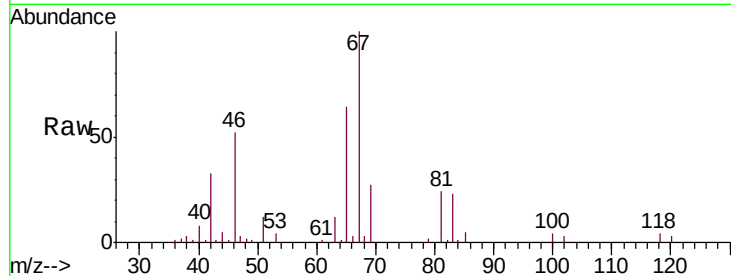




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

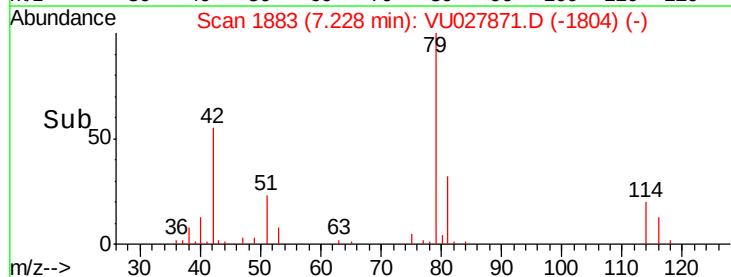
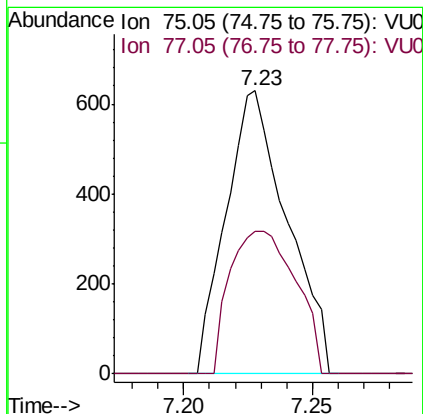
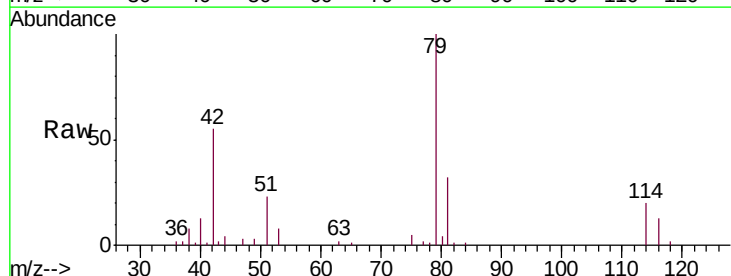
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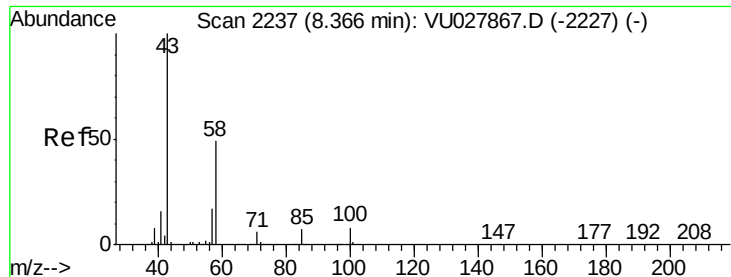
Tgt Ion: 63 Resp: 4241
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

Tgt Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.2 41.2#

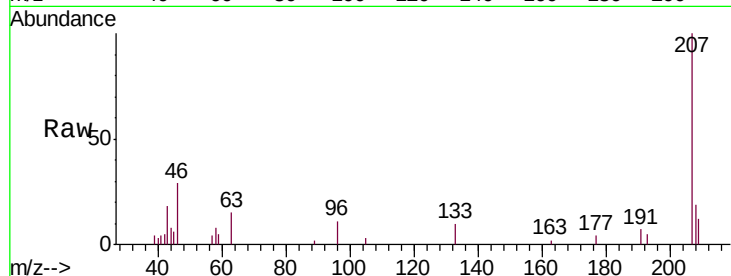




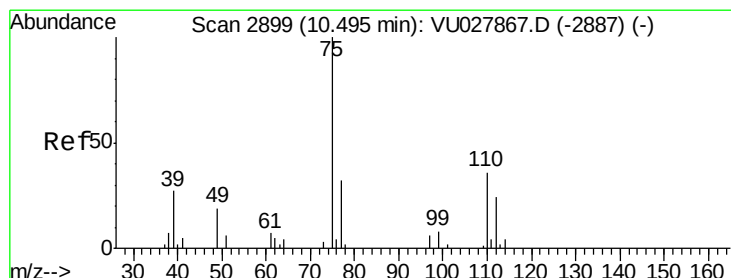
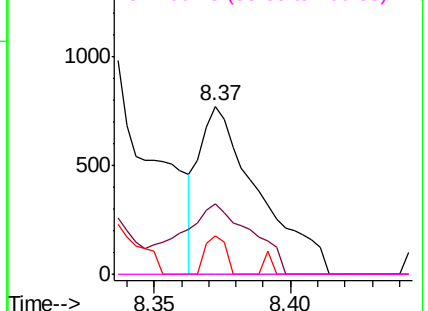
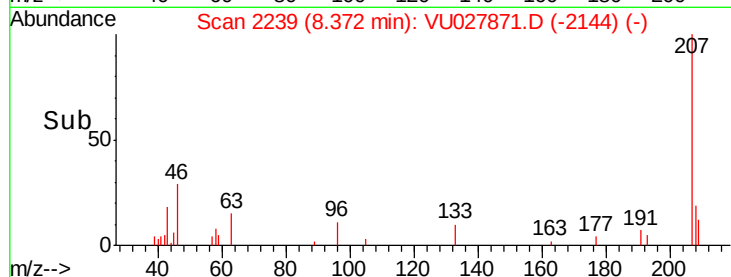
#48
 2-Hexanone
 Concen: 0.278 ug/L
 RT: 8.37 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

Tgt Ion:	43	Resp:	1163
Ion	Ratio	Lower	Upper
43	100		
58	51.4	38.9	58.3
57	7.8	13.3	19.9#
100	0.0	6.6	10.0#

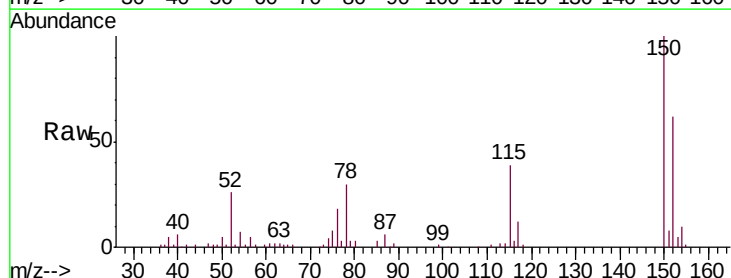


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

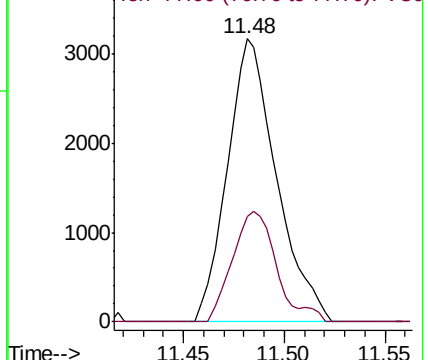
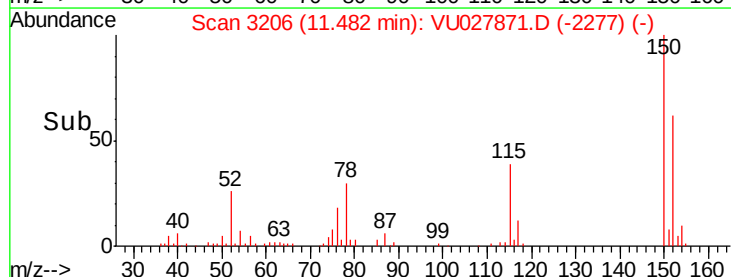


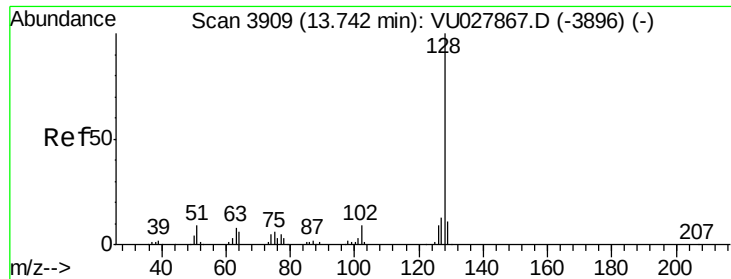
#59
 1,2,3-Trichloropropane
 Concen: 1.079 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027871.D
 Acq: 30 Oct 2018 13:26

Tgt Ion:	75	Resp:	5377
Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.8	38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.071 ug/L

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU027871.D

Acq: 30 Oct 2018 13:26

Instrument :

MSVOA_U

ClientSampleId :

VBLK54

Tgt Ion:128 Resp: 1029

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 4.0 10.5 15.7#

