

Data File : VU027792.D
Acq On : 24 Oct 2018 17:48
Operator : MD/SY
Sample : VU1024WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Quant Time: Oct 25 07:24:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	37945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	36362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	17870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14152	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	11046	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.28	63	20692	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.21	46	47473	50.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	4.65	84	26405	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.32	65	16433	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.34	84	48752	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	17506	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.57	98	45814	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.85	79	6737	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.31	63	39415	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12494	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	16780	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

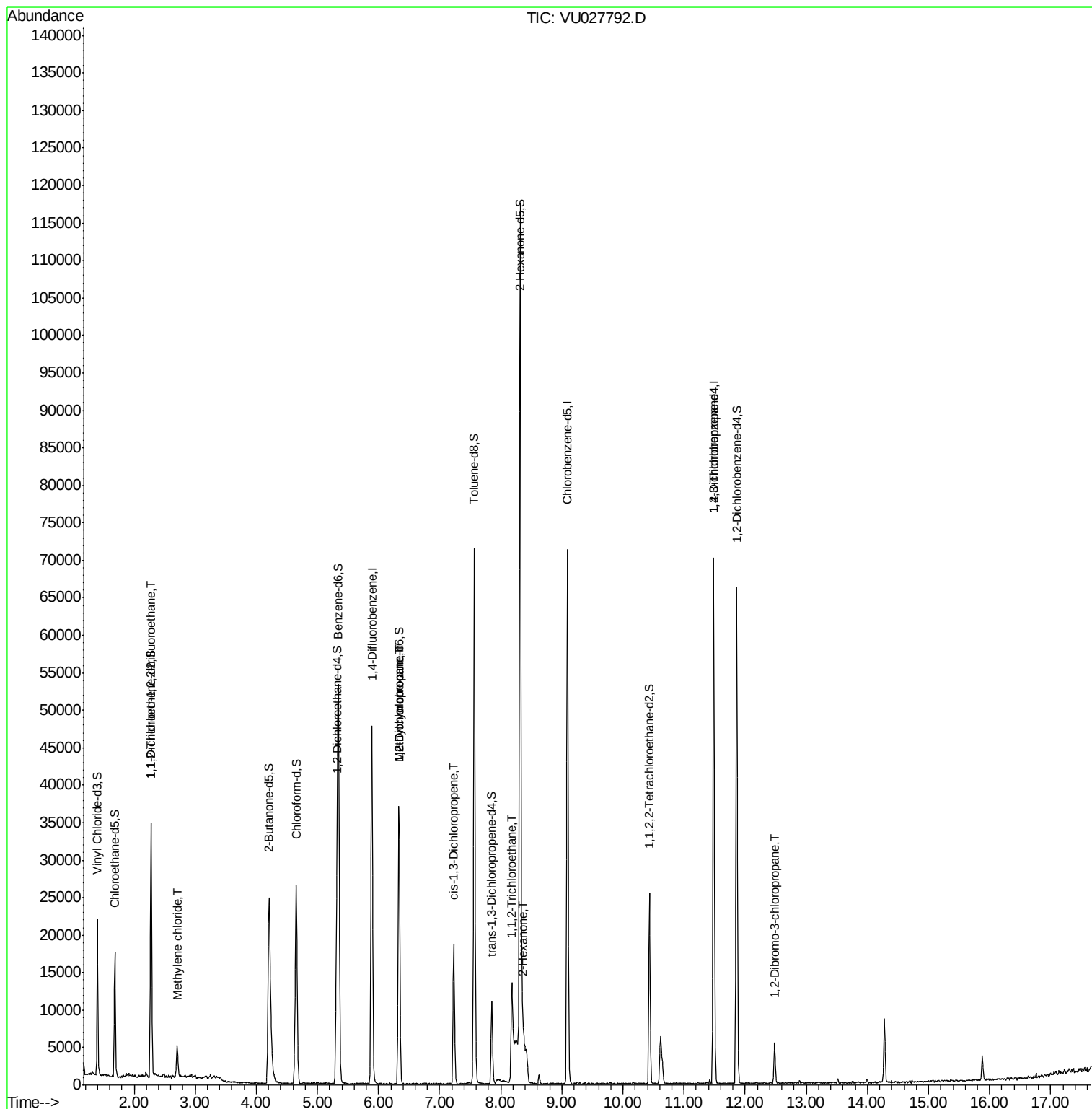
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	120	0.045	ug/L #	20
16) Methylene chloride	2.71	84	1606	0.551	ug/L	96
35) Methylcyclohexane	6.33	83	3842	0.734	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	1925	0.543	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	428	0.084	ug/L	93
45) 1,1,2-Trichloroethane	8.18	97	178	0.083	ug/L #	14
48) 2-Hexanone	8.37	43	998	0.530	ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	2460	1.101	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	115	0.244	ug/L #	13

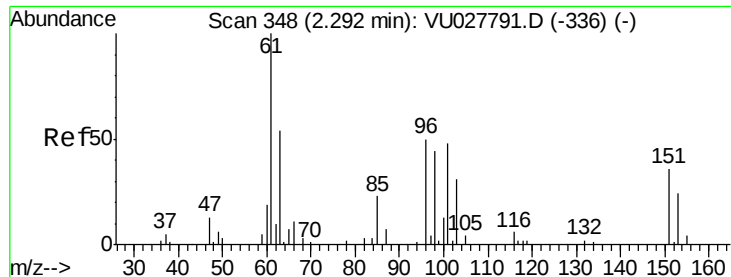
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.045 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027792.D

Acq: 24 Oct 2018 17:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK48

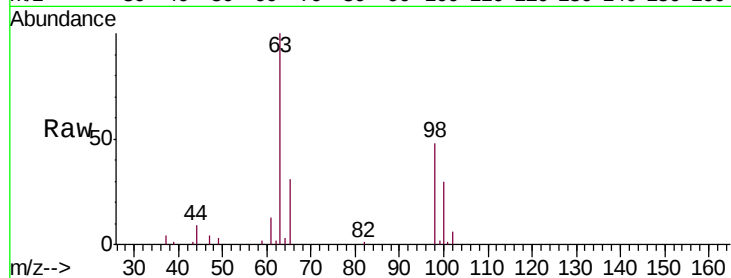
Tgt Ion: 101 Resp: 120

Ion Ratio Lower Upper

101 100

85 0.0 38.1 57.1#

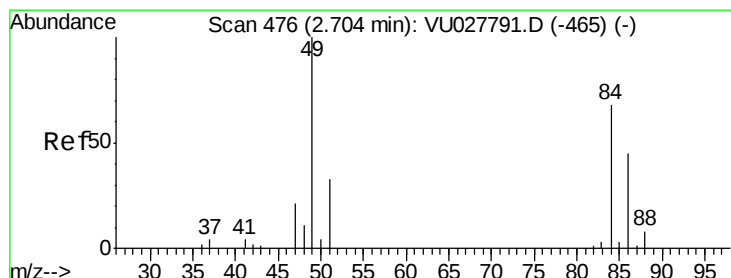
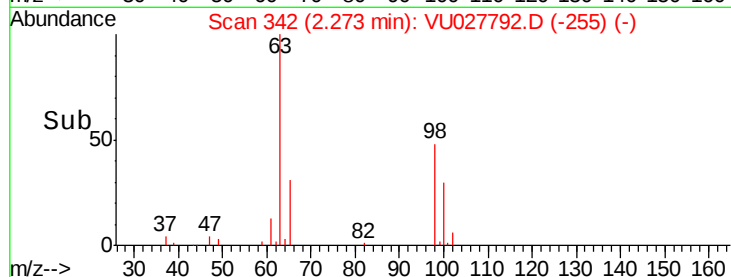
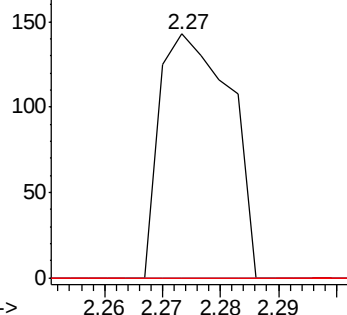
151 0.0 57.0 85.4#



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



#16

Methylene chloride

Concen: 0.551 ug/L

RT: 2.71 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU027792.D

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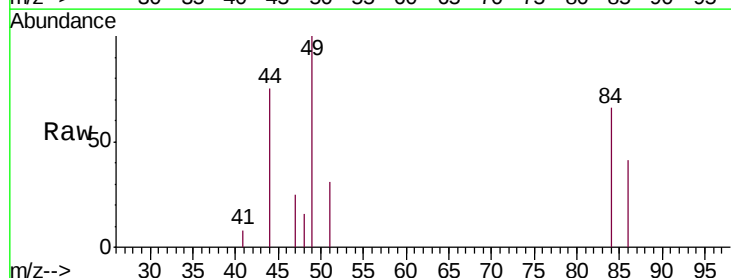
Tgt Ion: 84 Resp: 1606

Ion Ratio Lower Upper

84 100

86 62.6 42.8 79.4

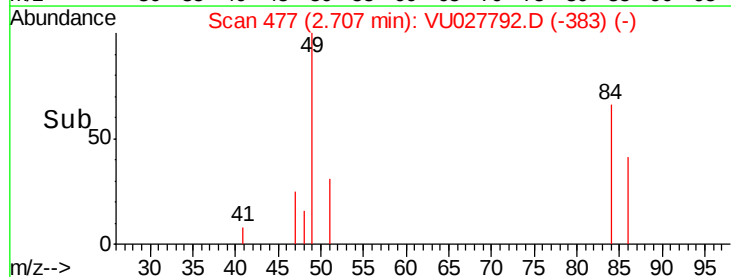
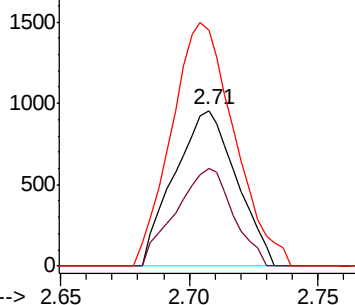
49 151.5 101.4 188.4

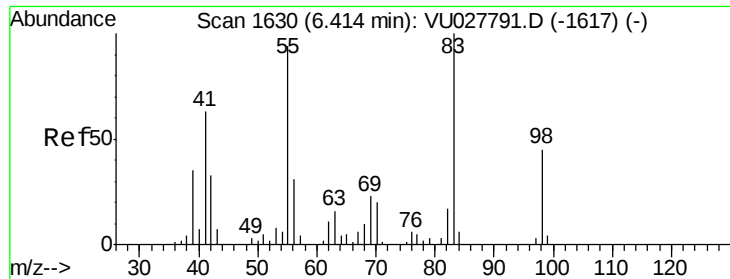


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

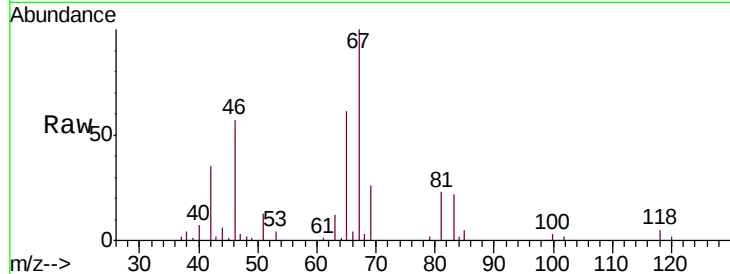




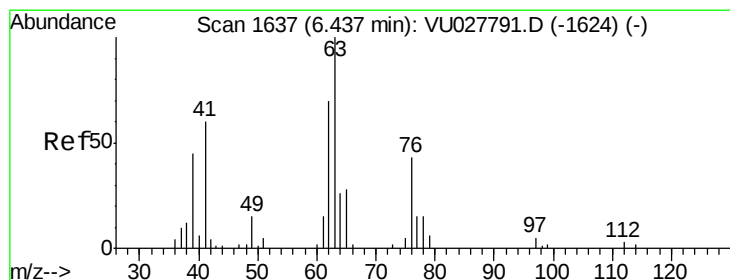
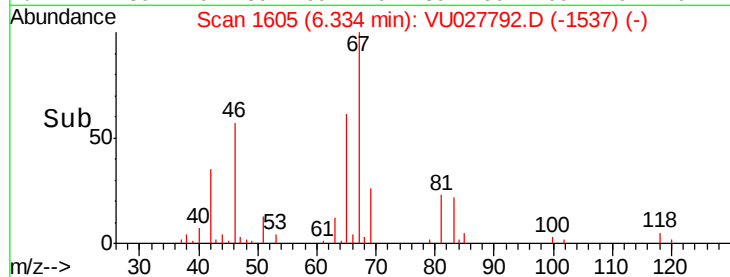
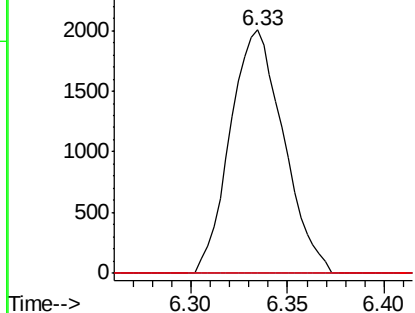
#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027792.D
Acq: 24 Oct 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 83 Resp: 3842
Ion Ratio Lower Upper
83 100
55 0.0 71.5 107.3#
98 0.0 35.4 53.0#

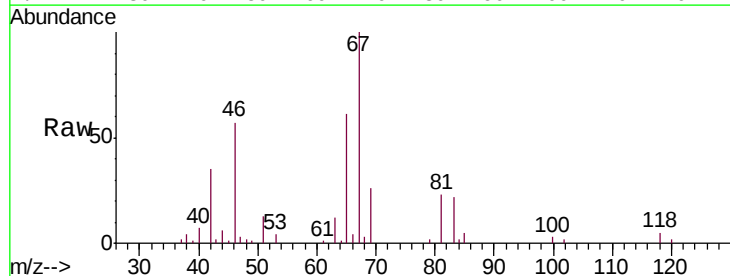


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

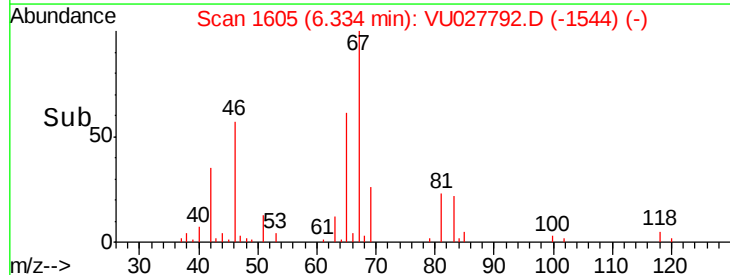
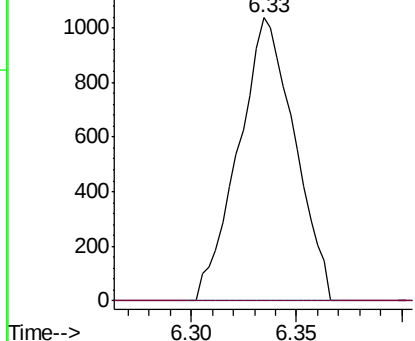


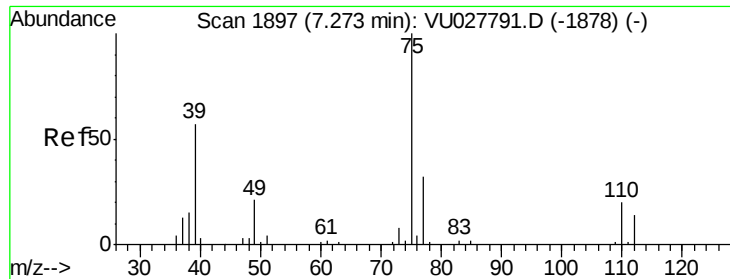
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027792.D
Acq: 24 Oct 2018 17:48

Tgt Ion: 63 Resp: 1925
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027792.D

Acq: 24 Oct 2018 17:48

Instrument :

MSVOA_U

ClientSampleId :

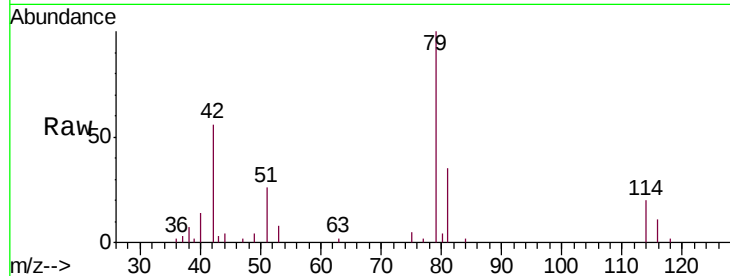
VBLK48

Tgt Ion: 75 Resp: 428

Ion Ratio Lower Upper

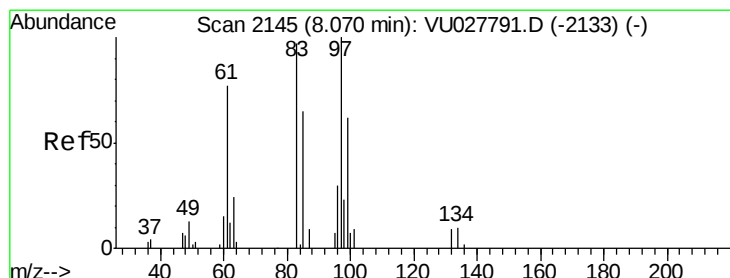
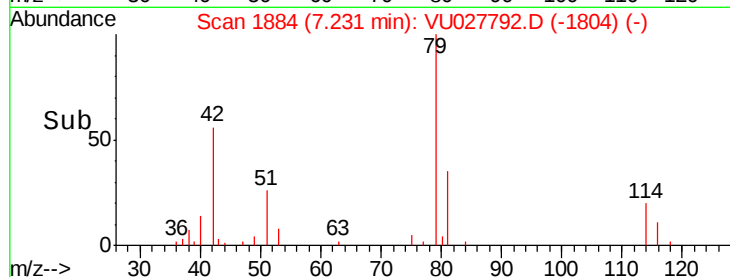
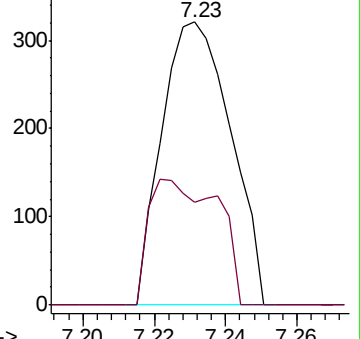
75 100

77 36.1 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#45

1,1,2-Trichloroethane

Concen: 0.083 ug/L

RT: 8.18 min Scan# 2179

Delta R.T. 0.11 min

Lab File: VU027792.D

Acq: 24 Oct 2018 17:48

Tgt Ion: 97 Resp: 178

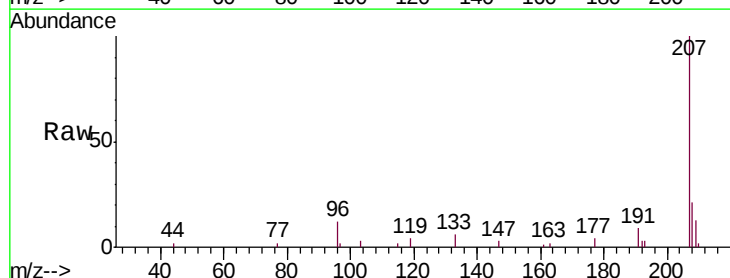
Ion Ratio Lower Upper

97 100

99 0.0 42.8 79.6#

83 0.0 62.9 116.9#

85 0.0 40.8 75.8#

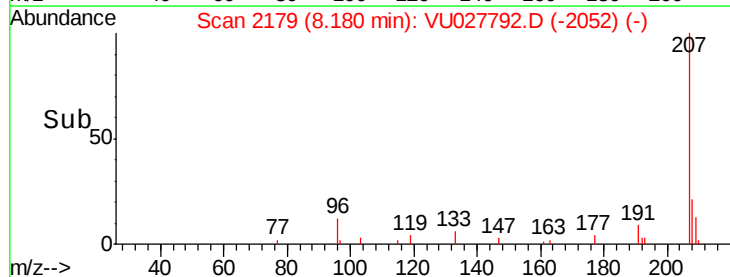
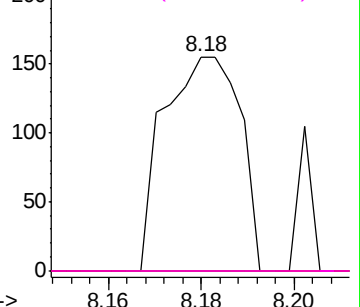


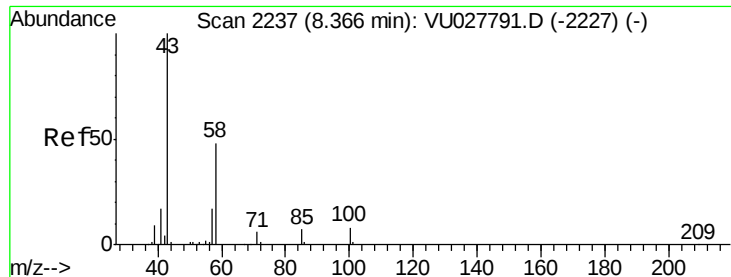
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

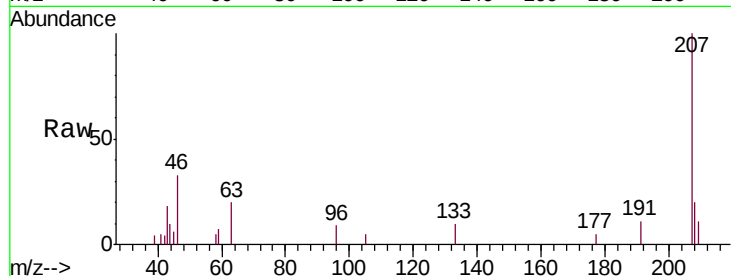




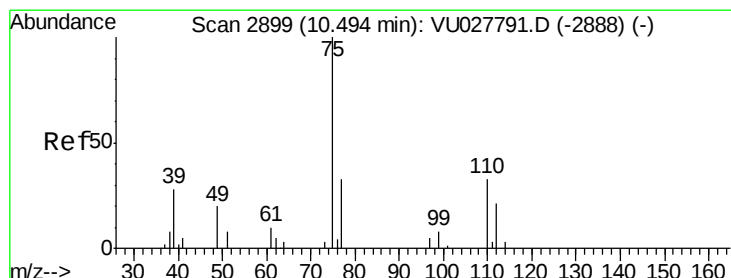
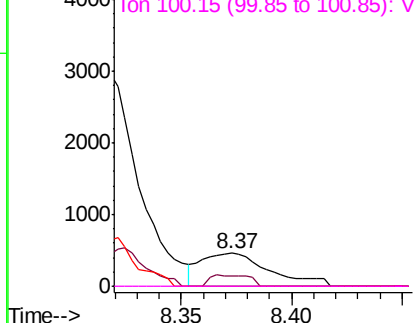
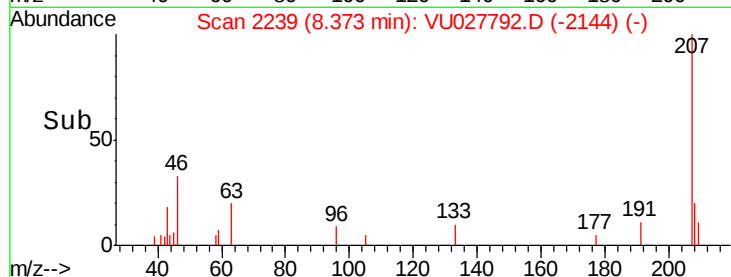
#48
2-Hexanone
Concen: 0.530 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027792.D
Acq: 24 Oct 2018 17:48

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion:	43	Resp:	998
Ion	Ratio	Lower	Upper
43	100		
58	19.2	39.4	59.0#
57	0.0	13.8	20.8#
100	0.0	6.7	10.1#

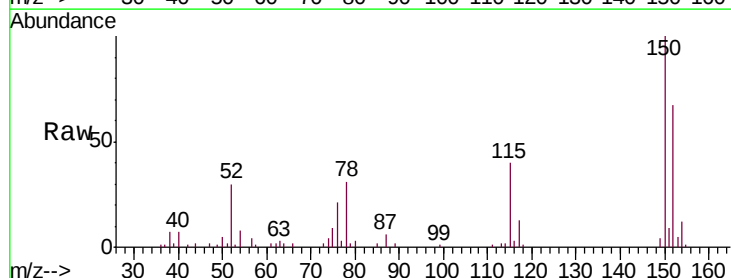


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

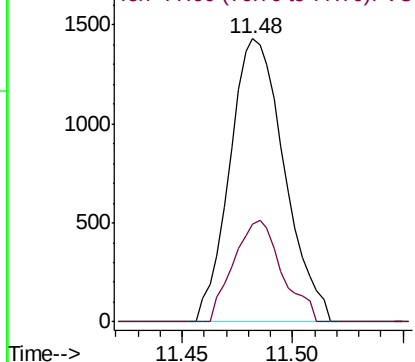
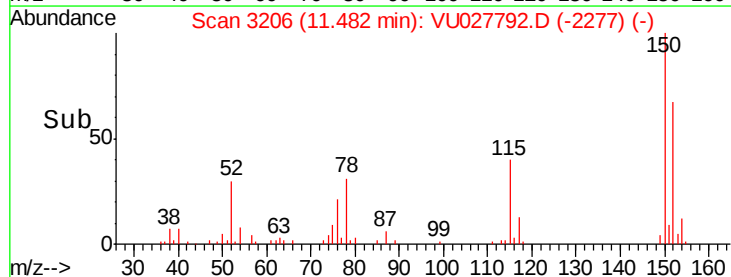


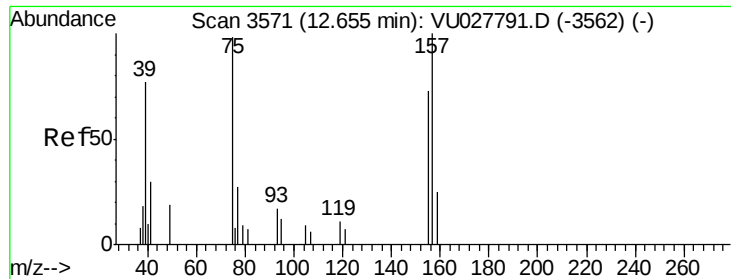
#59
1,2,3-Trichloropropane
Concen: 1.101 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027792.D
Acq: 24 Oct 2018 17:48

Tgt Ion:	75	Resp:	2460
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6



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





#66

1,2-Dibromo-3-chloropropane

Concen: 0.244 ug/L

RT: 12.49 min Scan# 3518

Delta R.T. -0.17 min

Lab File: VU027792.D

Acq: 24 Oct 2018 17:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK48

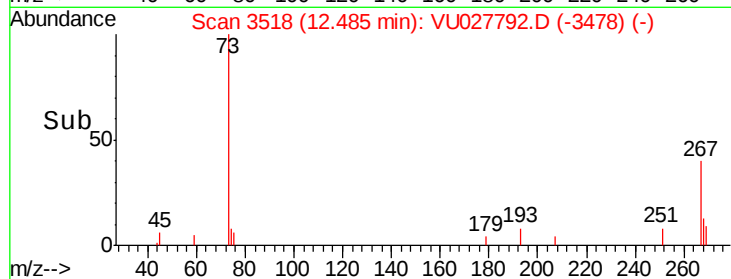
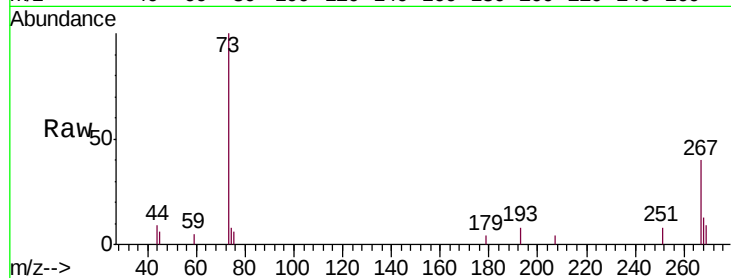
Tgt Ion: 75 Resp: 115

Ion Ratio Lower Upper

75 100

155 0.0 46.2 69.2#

157 0.0 68.9 103.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

150

100

50

0

Time-->

12.46

12.48

12.50

12.49