

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027704.D
 Acq On : 18 Oct 2018 18:42
 Operator : MD/SY
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Oct 19 08:15:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	70558	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	65542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	31070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27299	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	21131	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.28	63	37133	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.21	46	80458	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	4.65	84	40592	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	24360	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	90939	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.33	67	31663	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.57	98	85843	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.85	79	12396	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.32	63	67833	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22533	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	29877	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

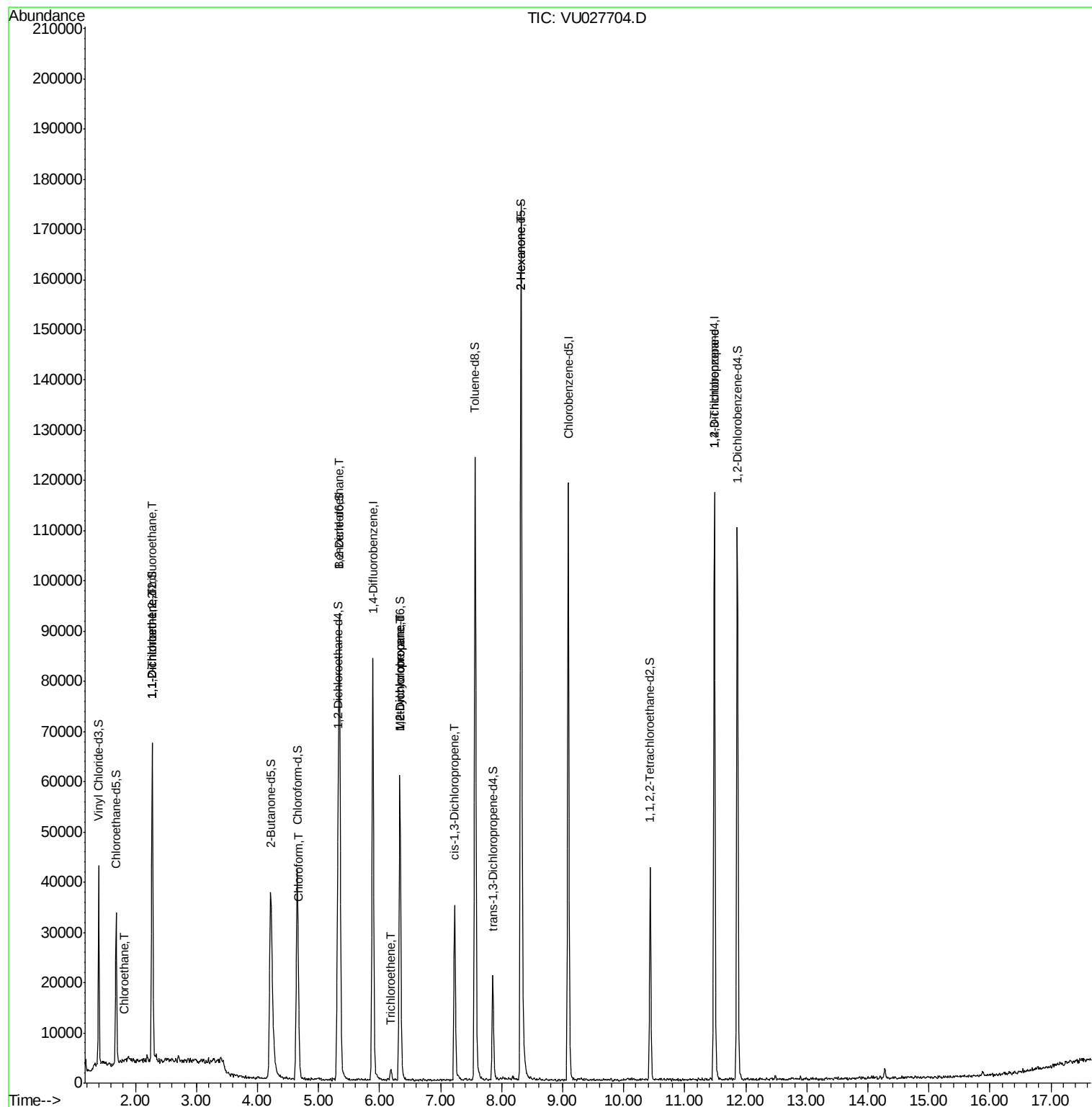
					Qvalue
8) Chloroethane	1.82	64	670	0.169 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	273	0.057 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	361	0.076 ug/L #	1
25) Chloroform	4.68	83	2724	0.279 ug/L	95
27) 1,2-Dichloroethane	5.34	62	421	0.068 ug/L #	72
34) Trichloroethene	6.19	95	578	0.104 ug/L #	77
35) Methylcyclohexane	6.34	83	6773	0.708 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	3202	0.520 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	757	0.085 ug/L #	77
48) 2-Hexanone	8.32	43	7664	2.573 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	3723	1.052 ug/L #	88

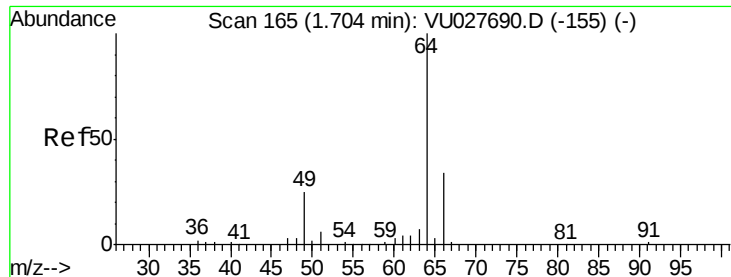
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.169 ug/L

RT: 1.82 min Scan# 202

Delta R.T. 0.12 min

Lab File: VU027704.D

Acq: 18 Oct 2018 18:42

Instrument :

MSVOA_U

ClientSampled :

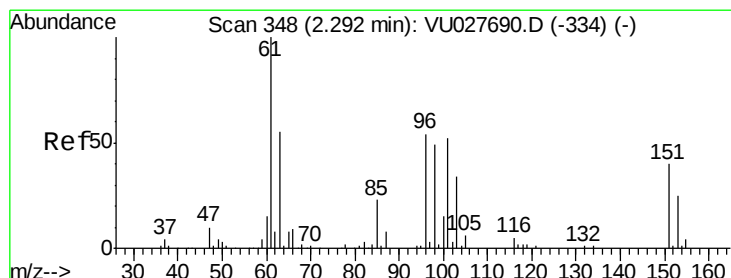
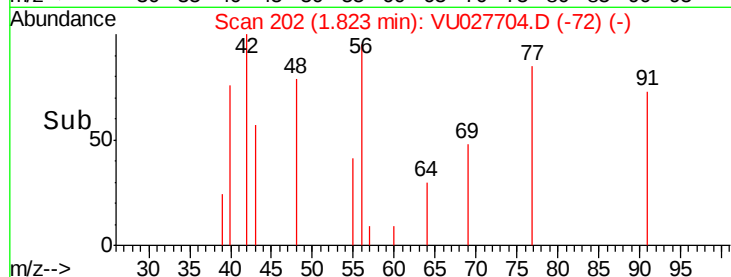
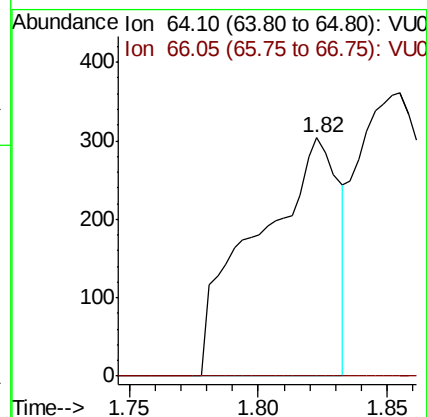
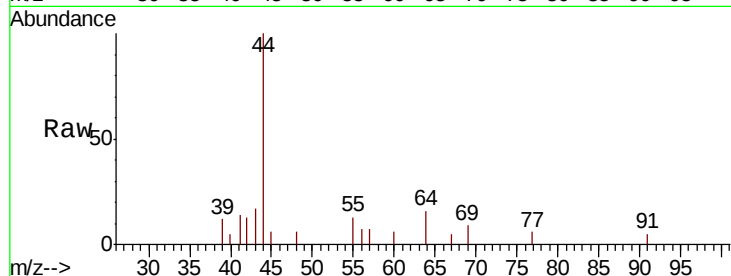
VIBLK40

Tgt Ion: 64 Resp: 670

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



#10

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

Concen: 0.057 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027704.D

Acq: 18 Oct 2018 18:42

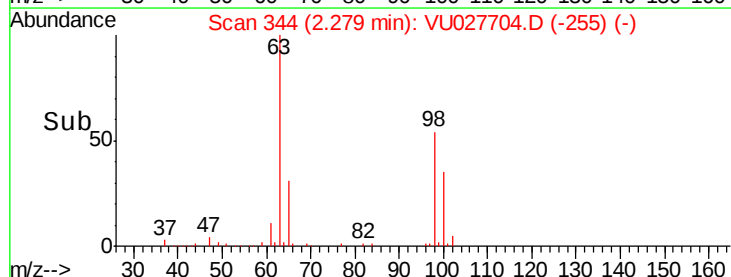
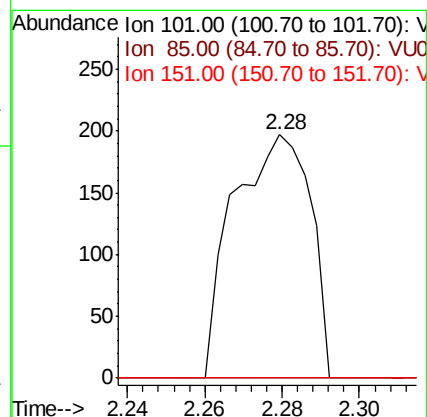
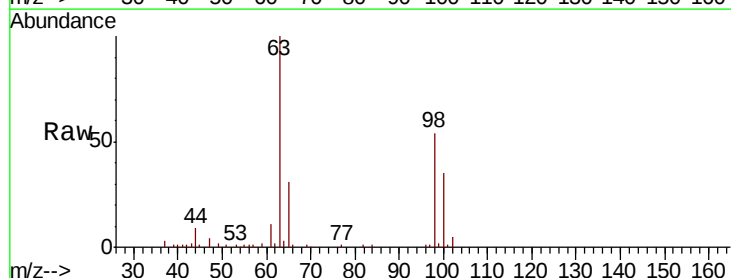
Tgt Ion: 101 Resp: 273

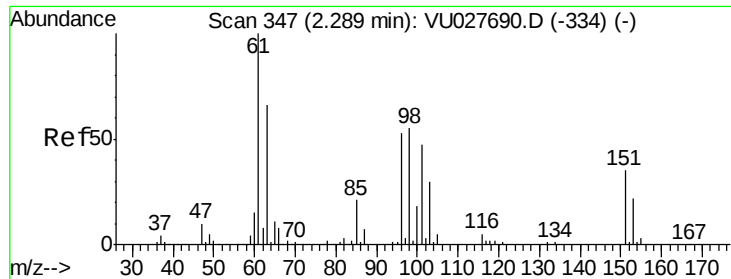
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 63.8 95.6#





#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027704.D

Acq: 18 Oct 2018 18:42

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

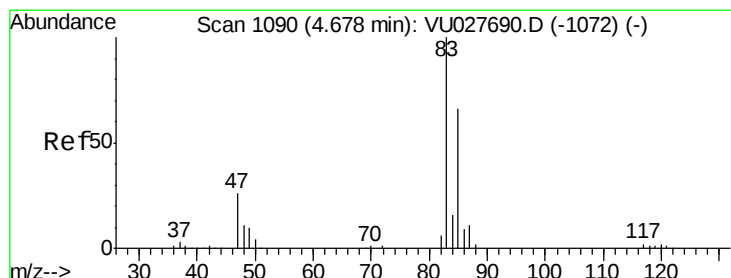
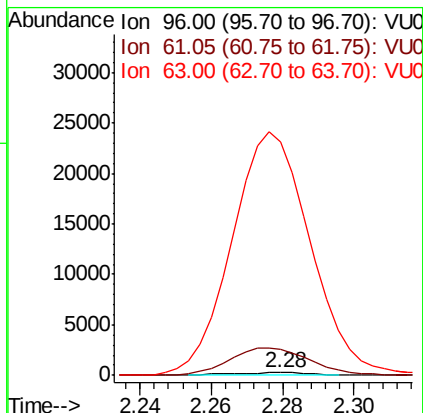
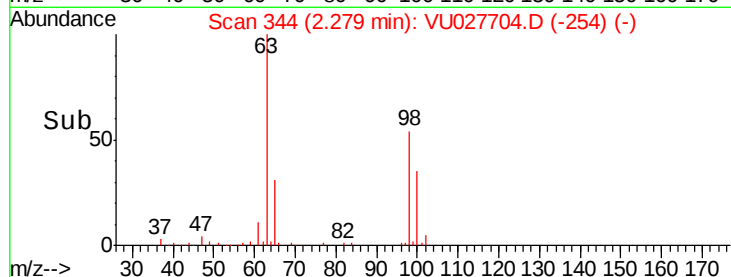
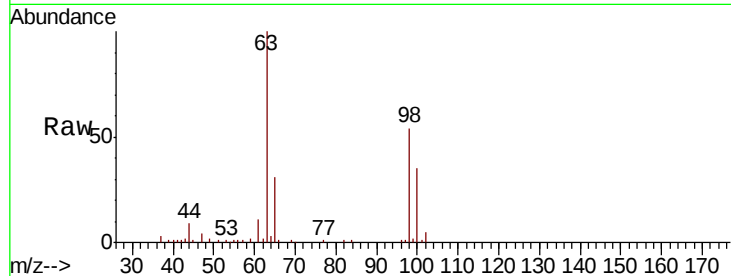
Tgt Ion: 96 Resp: 361

Ion Ratio Lower Upper

96 100

61 972.5 125.6 233.2#

63 8736.6 97.6 181.2#



#25

Chloroform

Concen: 0.279 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VU027704.D

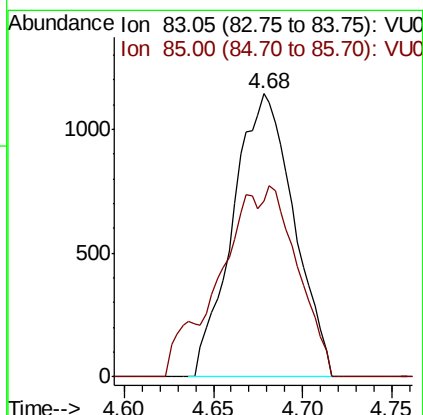
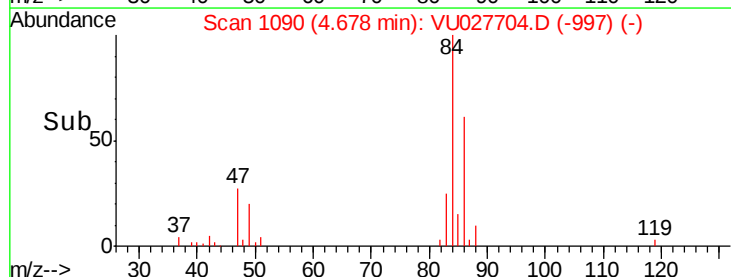
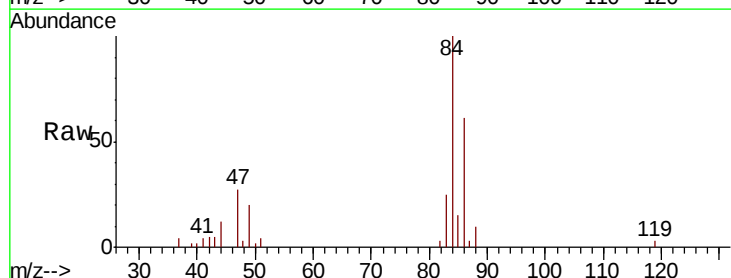
Acq: 18 Oct 2018 18:42

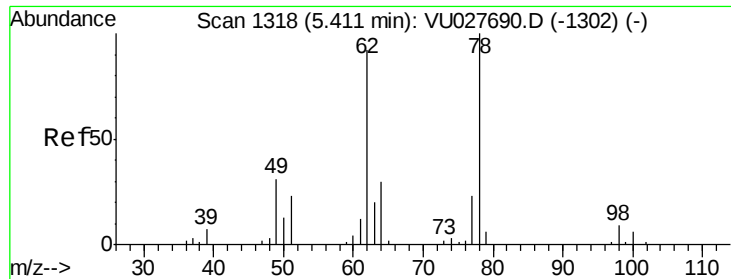
Tgt Ion: 83 Resp: 2724

Ion Ratio Lower Upper

83 100

85 62.2 46.1 85.7

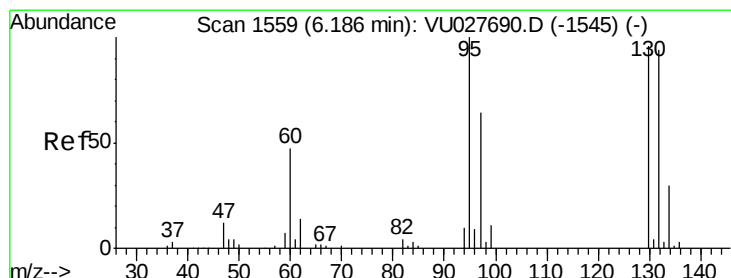
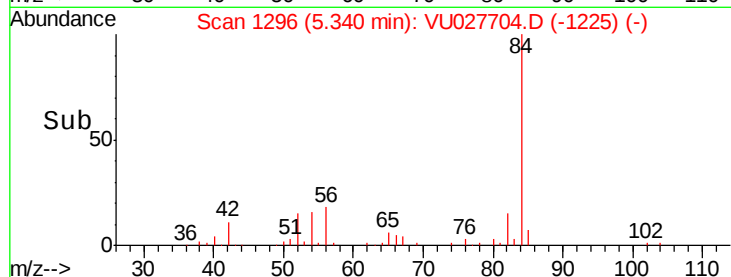
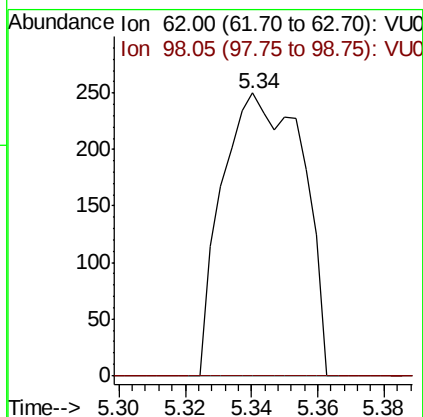
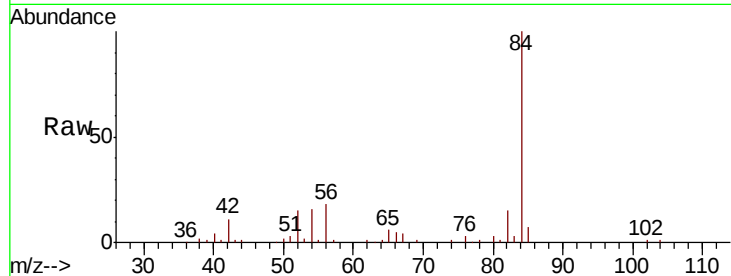




#27
 1,2-Dichloroethane
 Concen: 0.068 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.07 min
 Lab File: VU027704.D
 Acq: 18 Oct 2018 18:42

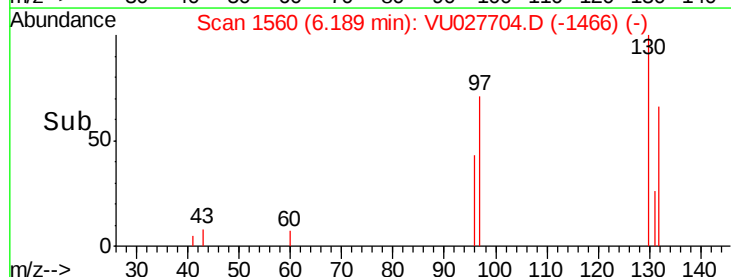
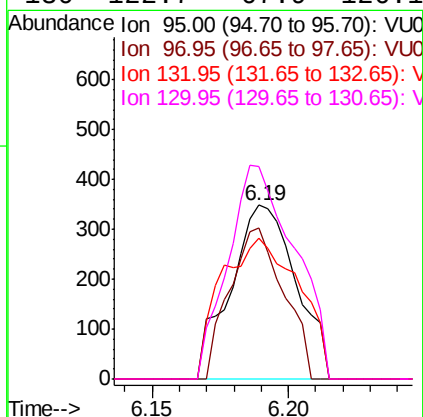
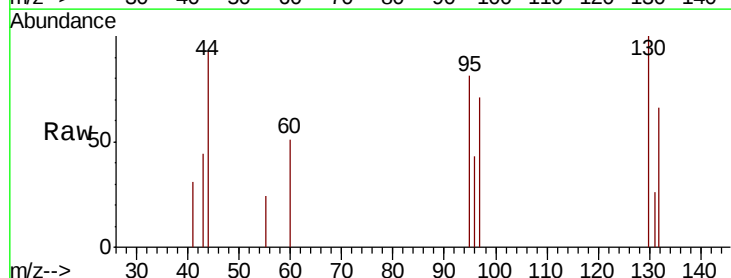
Instrument :
 MSVOA_U
 ClientSampled :
 VIBLK40

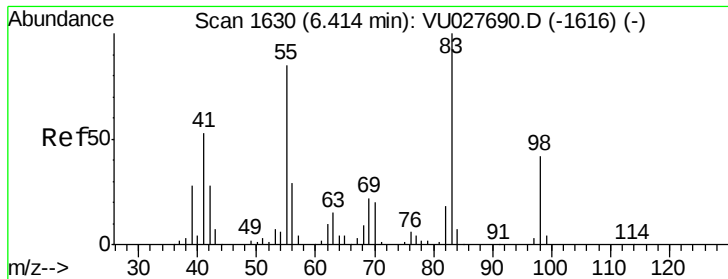
Tgt Ion: 62 Resp: 421
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#34
 Trichloroethene
 Concen: 0.104 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027704.D
 Acq: 18 Oct 2018 18:42

Tgt Ion: 95 Resp: 578
 Ion Ratio Lower Upper
 95 100
 97 87.1 44.7 83.1#
 132 80.7 65.9 122.5
 130 122.7 67.9 126.1





#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.08 min

Lab File: VU027704.D

Acq: 18 Oct 2018 18:42

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

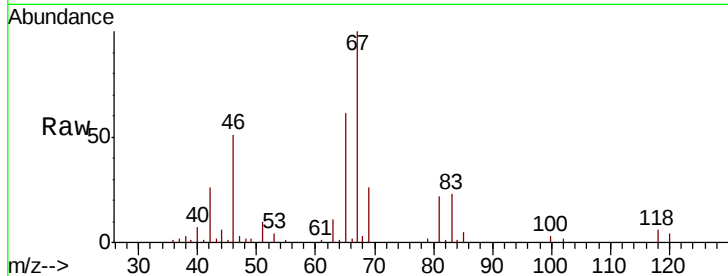
Tgt Ion: 83 Resp: 6773

Ion Ratio Lower Upper

83 100

55 3.8 69.0 103.4#

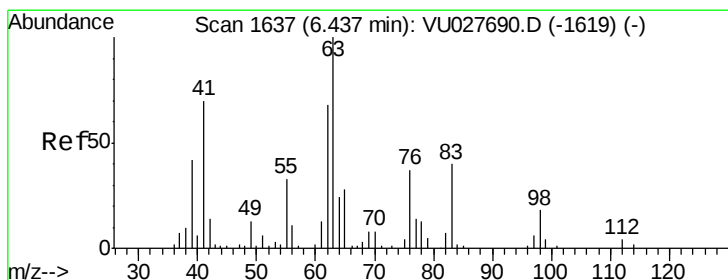
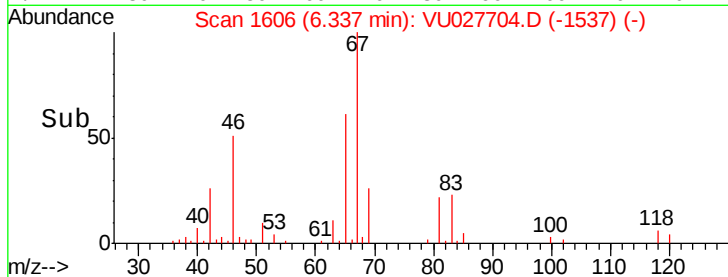
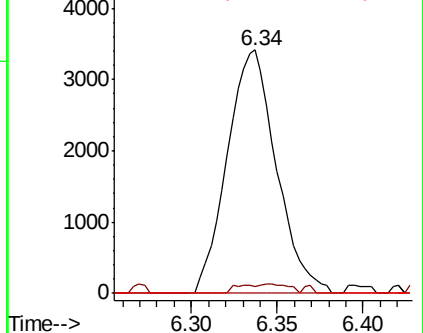
98 0.0 35.4 53.2#



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: 0.520 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027704.D

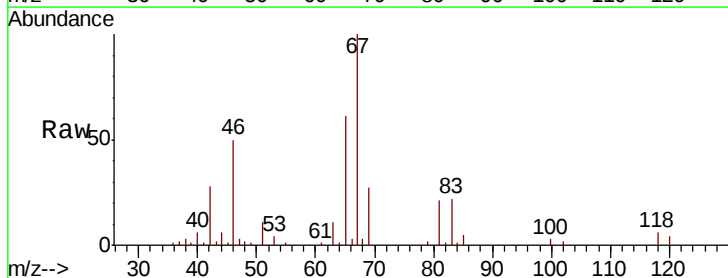
Acq: 18 Oct 2018 18:42

Tgt Ion: 63 Resp: 3202

Ion Ratio Lower Upper

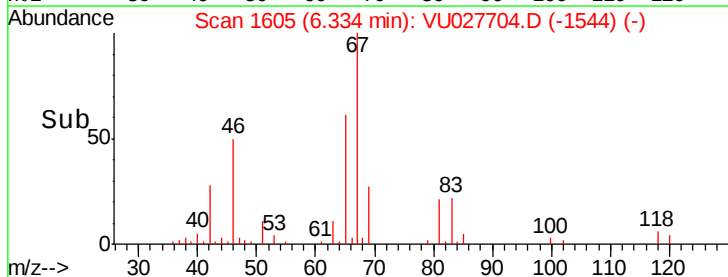
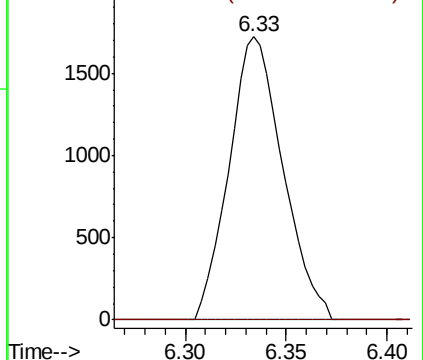
63 100

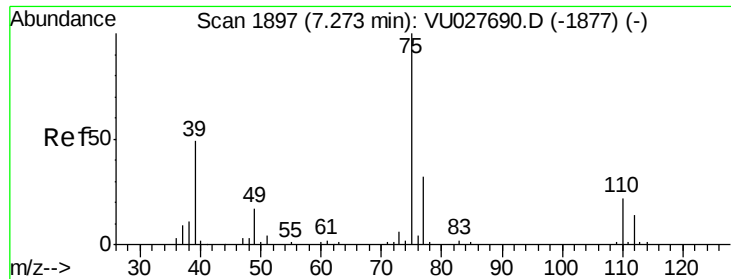
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

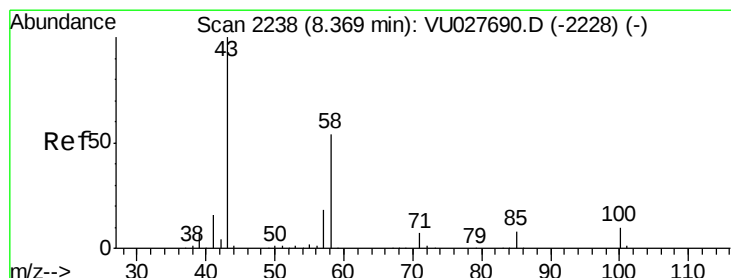
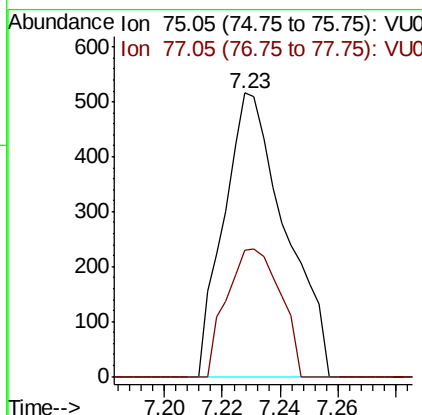
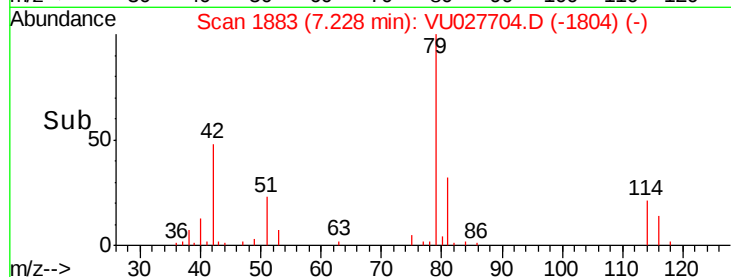
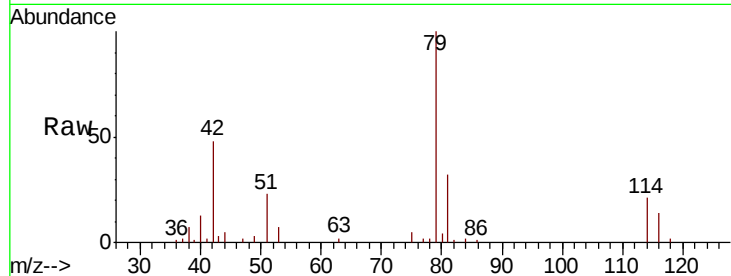




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU027704.D
 Acq: 18 Oct 2018 18:42

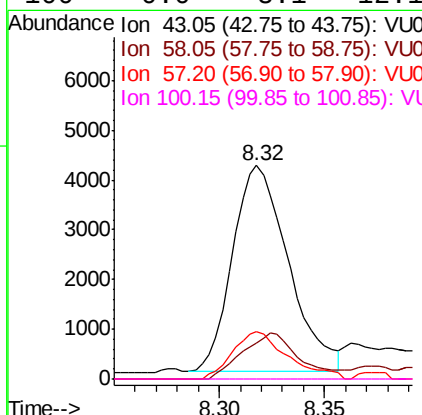
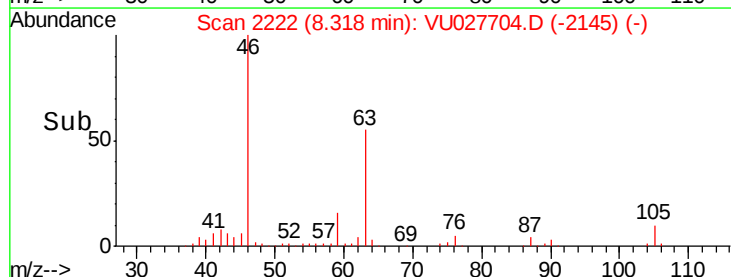
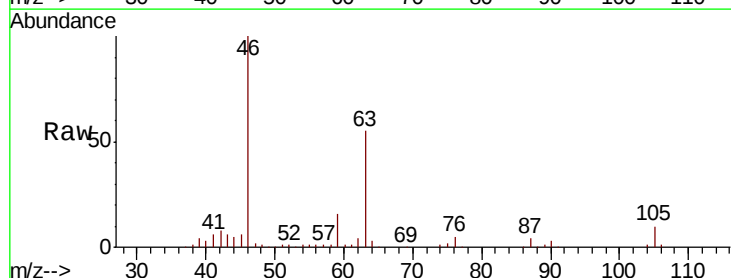
Instrument :
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 ClientSampleId :
 VIBLK40

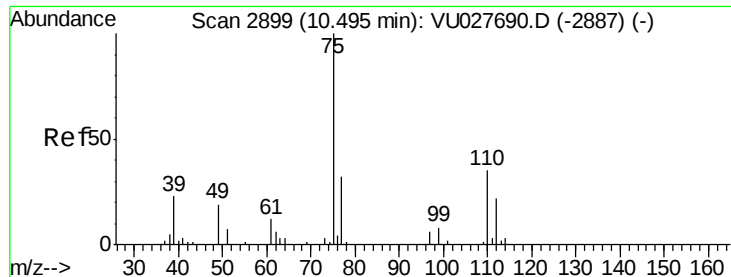
Tgt Ion: 75 Resp: 757
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.573 ug/L
 RT: 8.32 min Scan# 2222
 Delta R.T. -0.05 min
 Lab File: VU027704.D
 Acq: 18 Oct 2018 18:42

Tgt Ion: 43 Resp: 7664
 Ion Ratio Lower Upper
 43 100
 58 22.3 42.7 64.1#
 57 22.5 14.5 21.7#
 100 0.0 8.1 12.1#





#59

1,2,3-Trichloropropane

Concen: 1.052 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027704.D

Acq: 18 Oct 2018 18:42

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 3723

Ion Ratio Lower Upper

75 100

77 40.6 26.9 40.3#

