

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027696.D
 Acq On : 18 Oct 2018 14:03
 Operator : MD/SY
 Sample : J5463-20 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JD5

Quant Time: Oct 19 08:14:34 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	71706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	66089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	32260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22000	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	18815	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.28	63	30179	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.21	46	80817	49.88	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	4.65	84	38852	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.31	65	23700	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.34	84	86012	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	30352	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.57	98	76720	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	10918	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.32	63	68475	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22943	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	28344	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

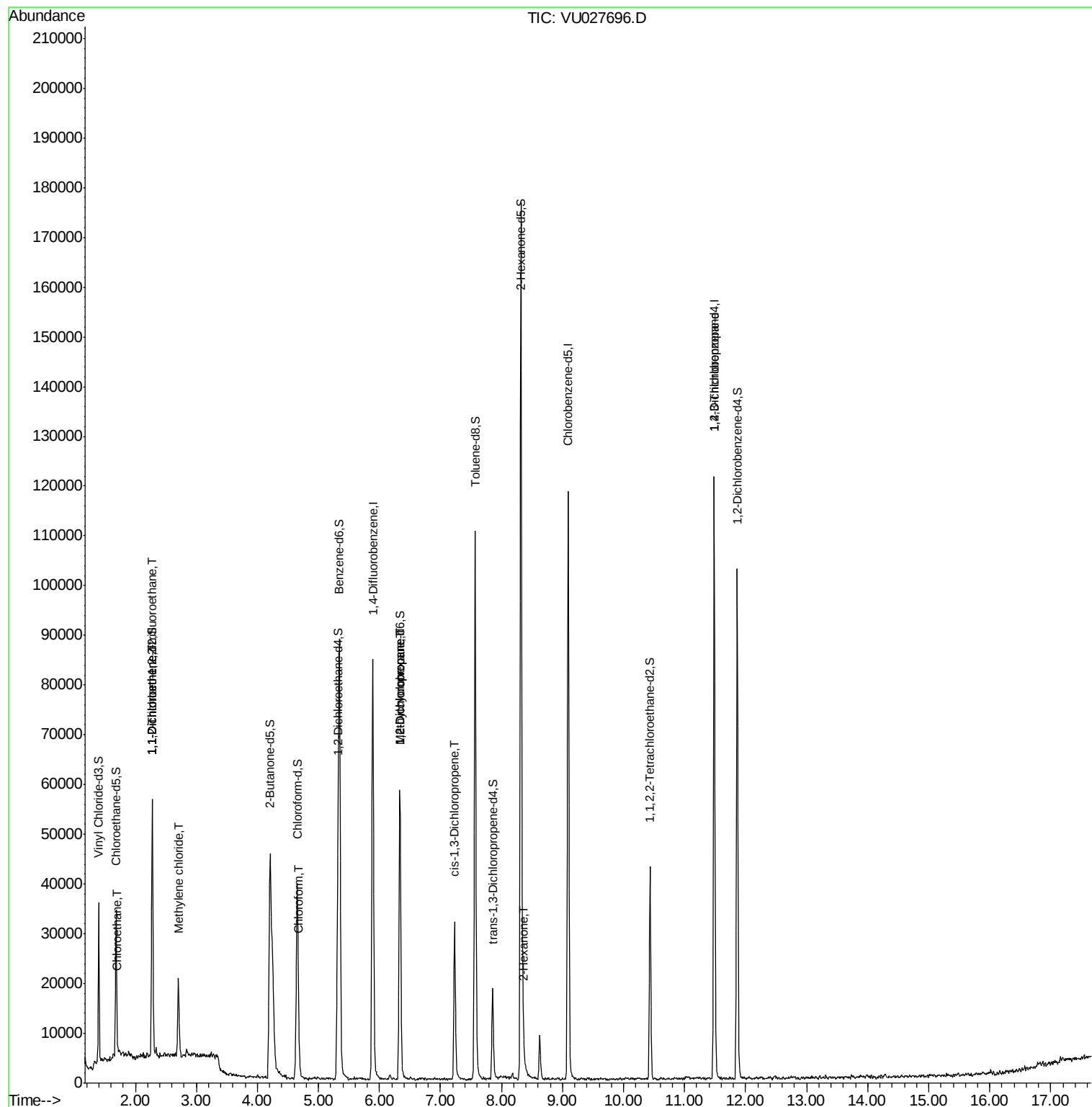
					Qvalue
8) Chloroethane	1.71	64	557	0.138 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	229	0.047 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	319	0.066 ug/L #	1
16) Methylene chloride	2.70	84	6438	1.216 ug/L	98
25) Chloroform	4.68	83	2649	0.267 ug/L	95
35) Methylcyclohexane	6.34	83	6357	0.659 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	2993	0.482 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	622	0.069 ug/L #	28
48) 2-Hexanone	8.37	43	961	0.320 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	3761	1.054 ug/L	95

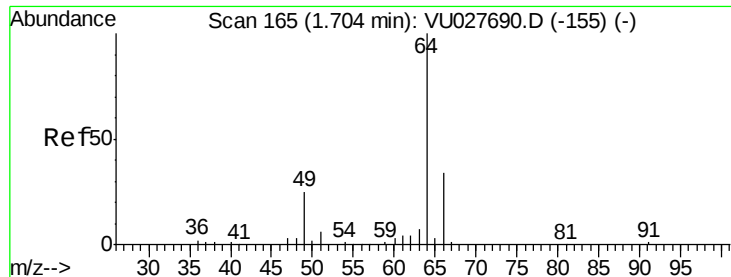
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.71 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

Instrument :

MSVOA_U

ClientSampleID :

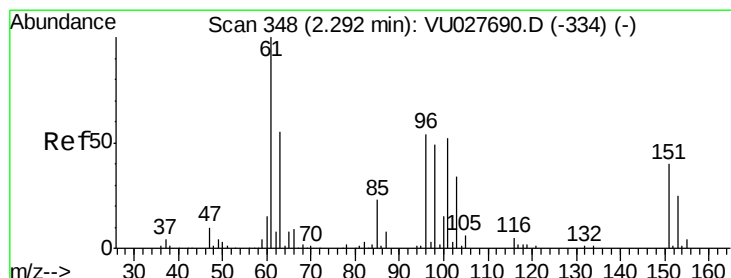
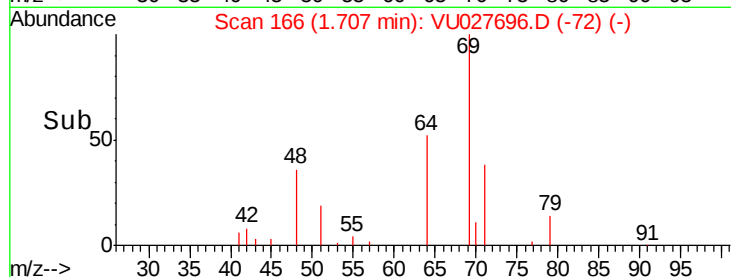
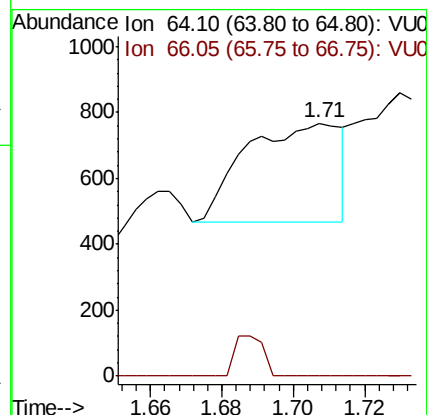
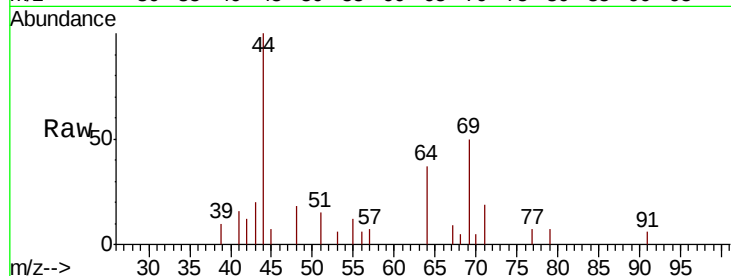
C0JD5

Tgt Ion: 64 Resp: 557

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



#10

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

Concen: 0.047 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

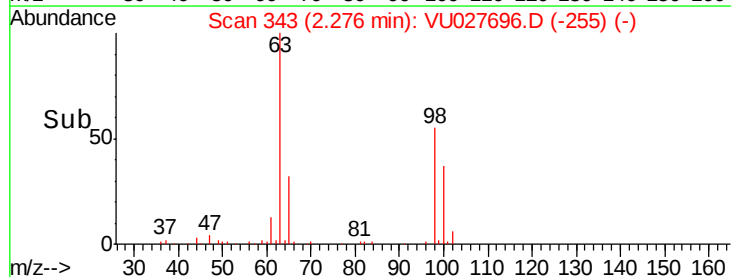
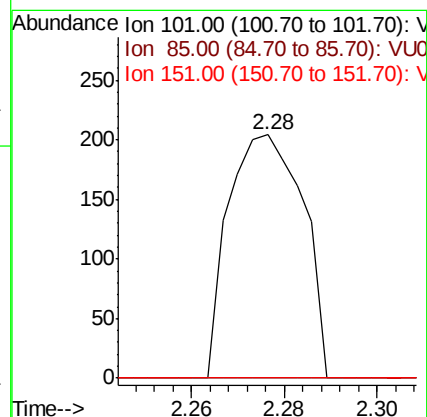
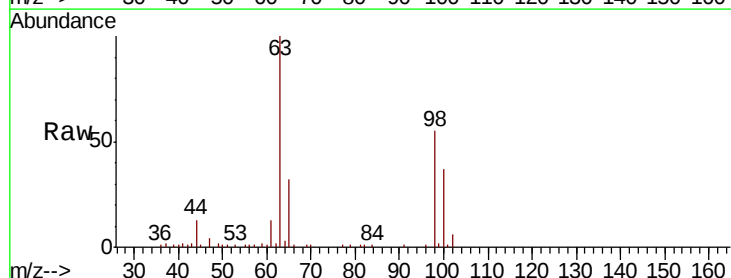
Tgt Ion: 101 Resp: 229

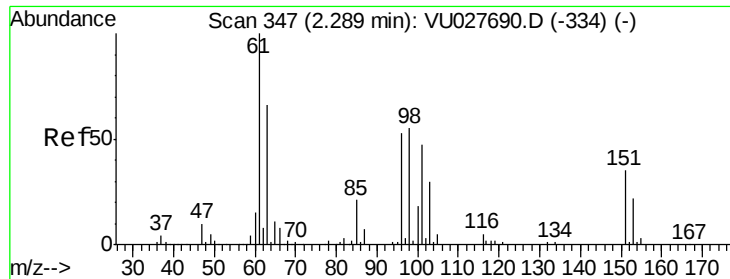
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 63.8 95.6#





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

Instrument :

MSVOA_U

ClientSampled :

C0JD5

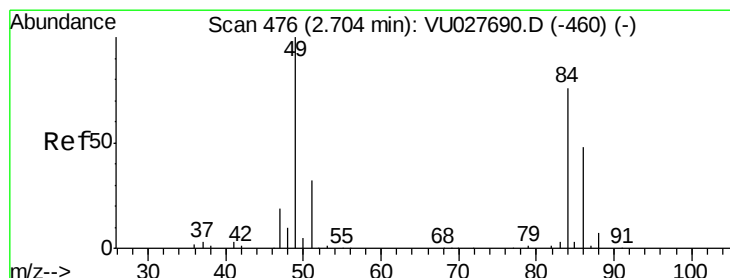
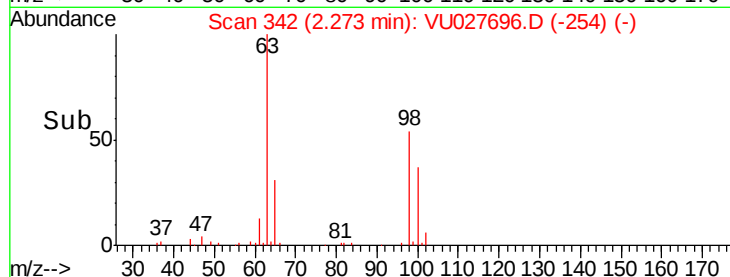
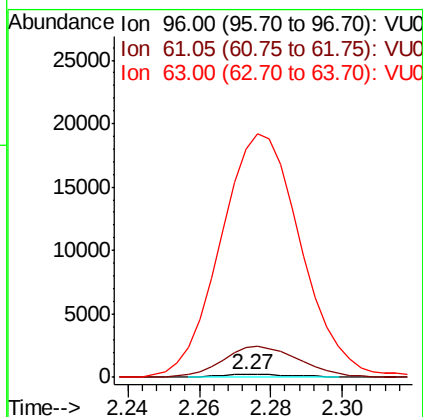
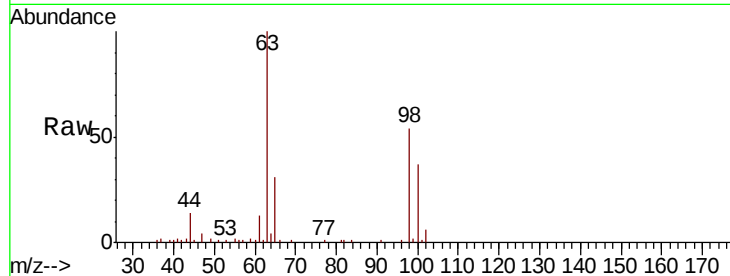
Tgt Ion: 96 Resp: 319

Ion Ratio Lower Upper

96 100

61 1057.0 125.6 233.2#

63 8137.6 97.6 181.2#



#16

Methylene chloride

Concen: 1.216 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

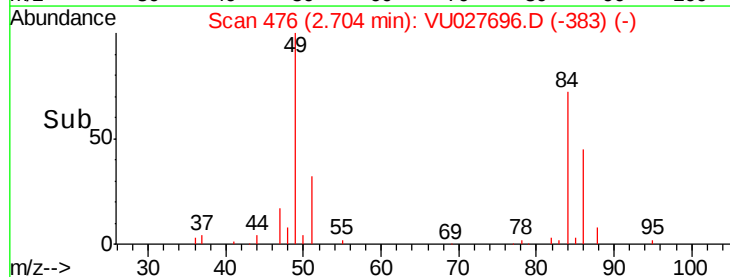
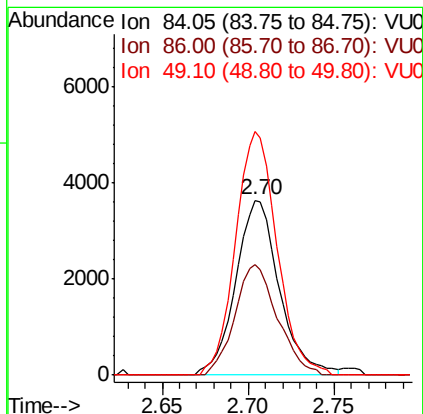
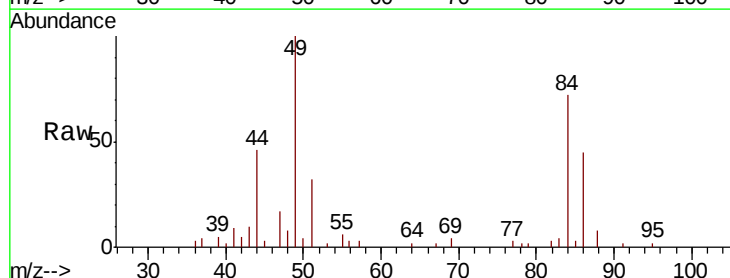
Tgt Ion: 84 Resp: 6438

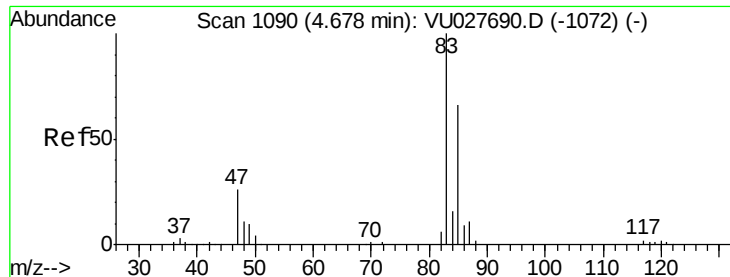
Ion Ratio Lower Upper

84 100

86 63.2 46.1 85.7

49 139.5 96.9 179.9





#25

Chloroform

Concen: 0.267 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

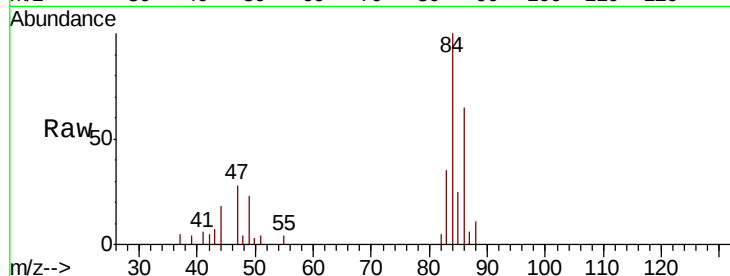
C0JD5

Tgt Ion: 83 Resp: 2649

Ion Ratio Lower Upper

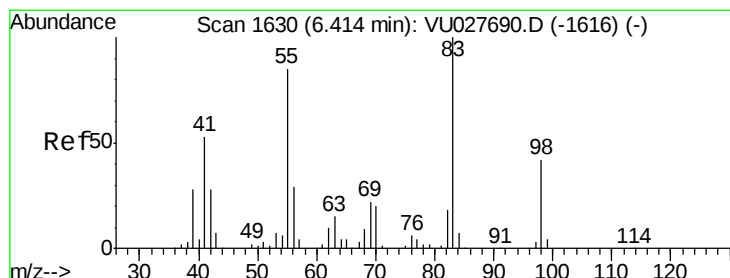
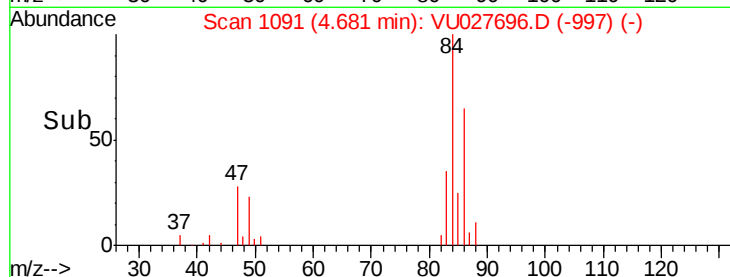
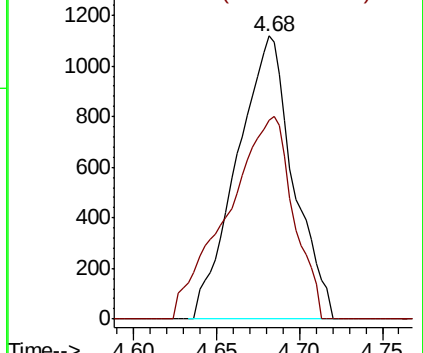
83 100

85 70.2 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.08 min

Lab File: VU027696.D

Acq: 18 Oct 2018 14:03

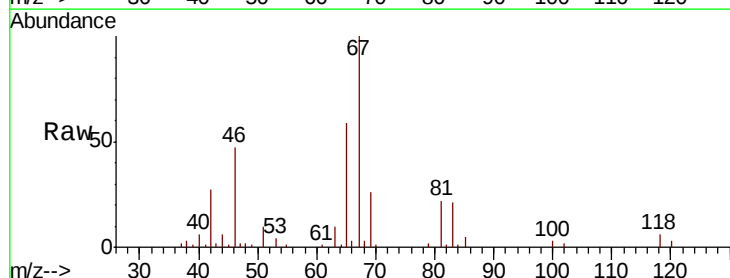
Tgt Ion: 83 Resp: 6357

Ion Ratio Lower Upper

83 100

55 1.2 69.0 103.4#

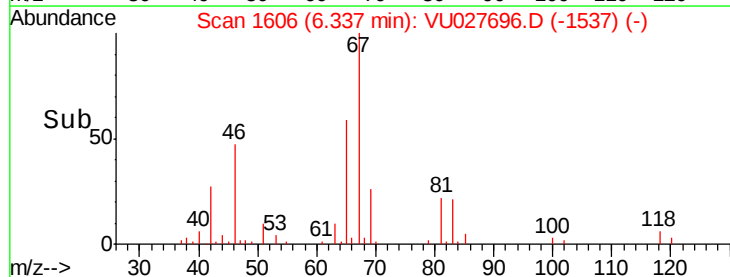
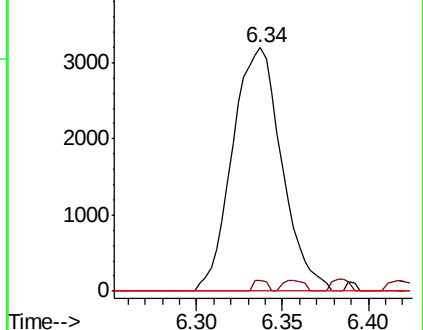
98 0.0 35.4 53.2#

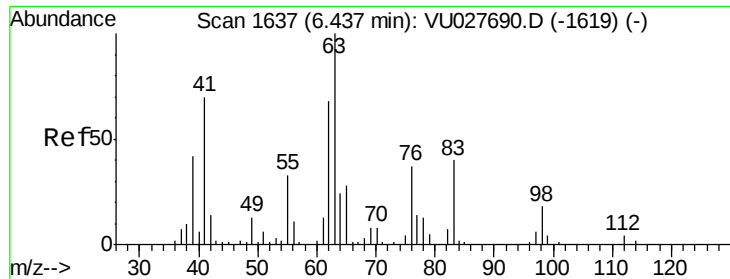


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

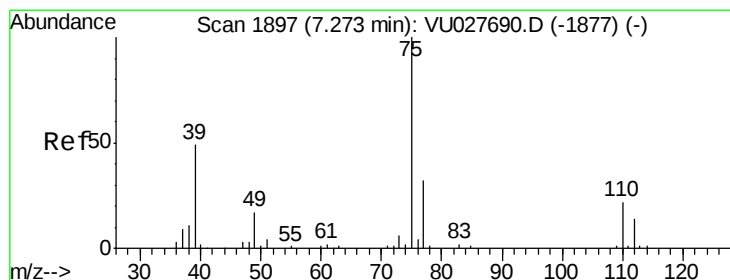
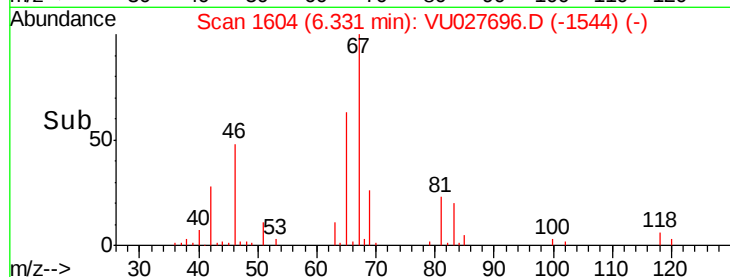
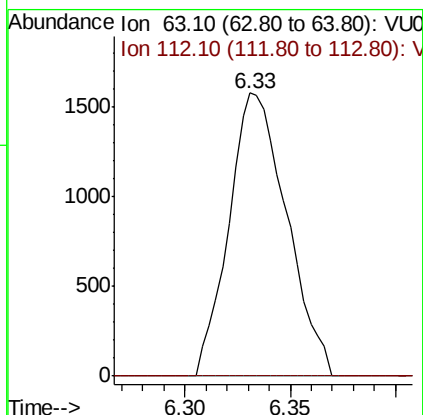
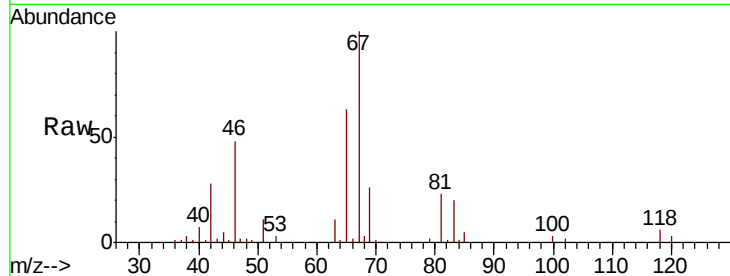




#37
 1,2-Dichloropropane
 Concen: 0.482 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.11 min
 Lab File: VU027696.D
 Acq: 18 Oct 2018 14:03

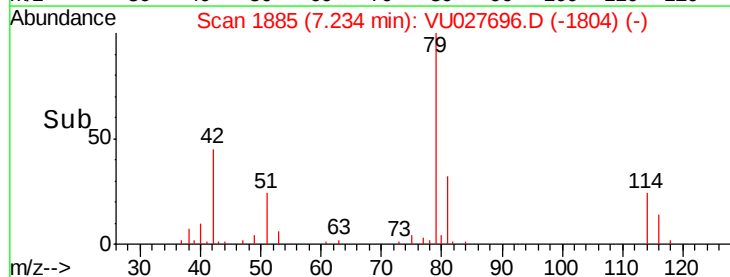
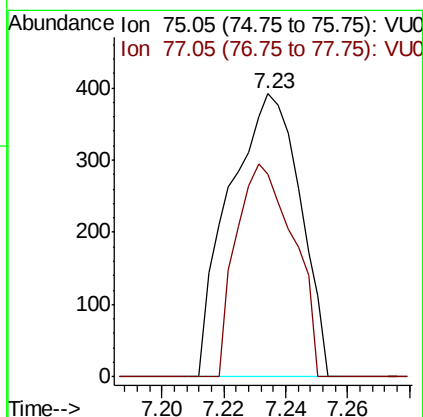
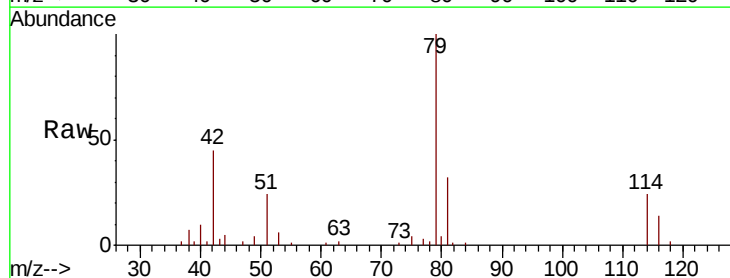
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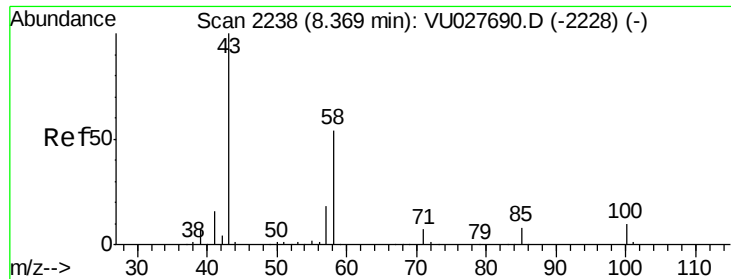
Tgt Ion: 63 Resp: 2993
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU027696.D
 Acq: 18 Oct 2018 14:03

Tgt Ion: 75 Resp: 622
 Ion Ratio Lower Upper
 75 100
 77 71.4 22.2 41.2#

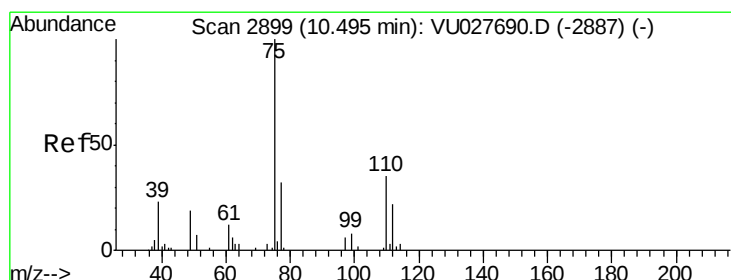
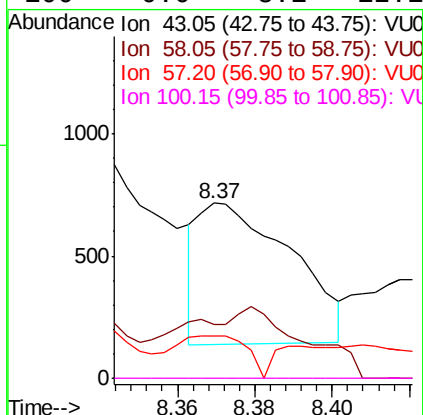
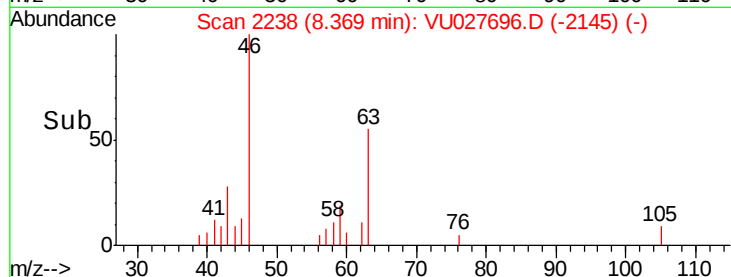
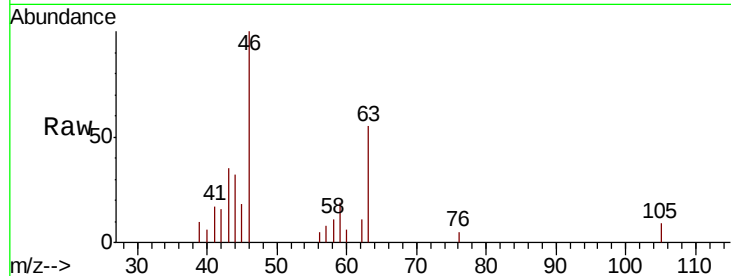




#48
2-Hexanone
Concen: 0.320 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027696.D
Acq: 18 Oct 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :
C0JD5

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 24.9 42.7 64.1#
57 24.0 14.5 21.7#
100 0.0 8.1 12.1#



#59
1,2,3-Trichloropropane
Concen: 1.054 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027696.D
Acq: 18 Oct 2018 14:03

Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
77 36.6 26.9 40.3

