

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027694.D
 Acq On : 18 Oct 2018 13:15
 Operator : MD/SY
 Sample : J5463-16 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC7

Quant Time: Oct 19 08:14:20 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	79254	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	72992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24553	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	20416	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.28	63	33960	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.20	46	81173	45.33	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.66%
24) Chloroform-d	4.65	84	42332	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	24537	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.34	84	92007	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	32485	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	84316	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	12207	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	69994	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23338	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	31781	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

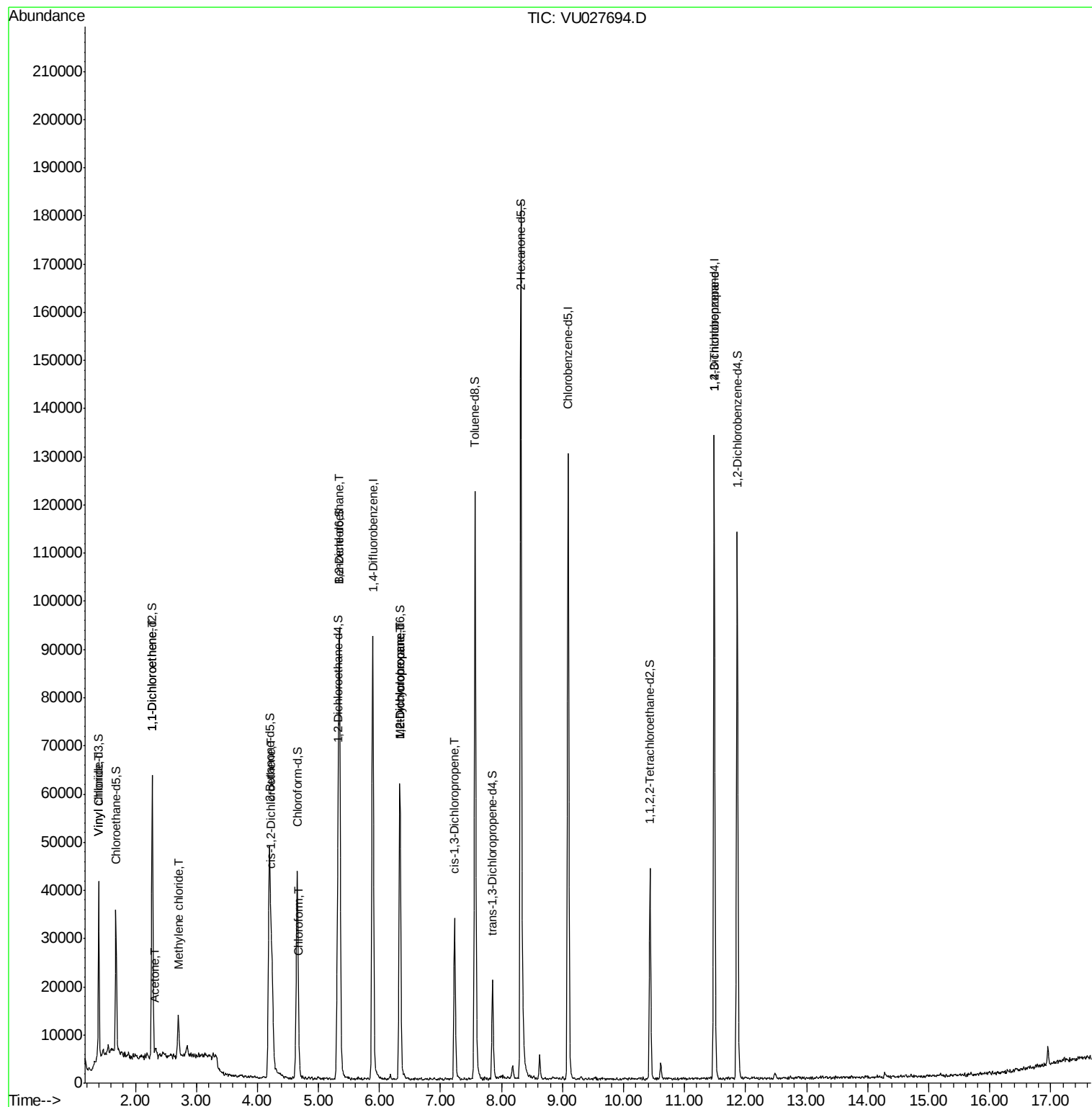
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	516	0.067	ug/L #	1
12) 1,1-Dichloroethene	2.27	96	486	0.091	ug/L #	1
13) Acetone	2.33	43	879	0.768	ug/L	85
16) Methylene chloride	2.70	84	3876	0.663	ug/L	90
22) cis-1,2-Dichloroethene	4.23	96	964	0.153	ug/L #	68
25) Chloroform	4.68	83	1769	0.162	ug/L	95
27) 1,2-Dichloroethane	5.34	62	429	0.062	ug/L #	72
35) Methylcyclohexane	6.33	83	6885	0.646	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3177	0.463	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	696	0.070	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	4523	1.147	ug/L	97

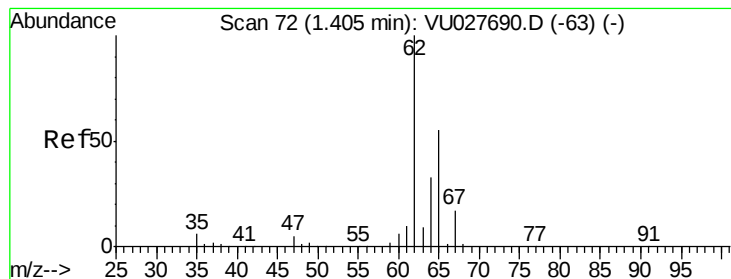
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.067 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

Instrument :

MSVOA_U

ClientSampleId :

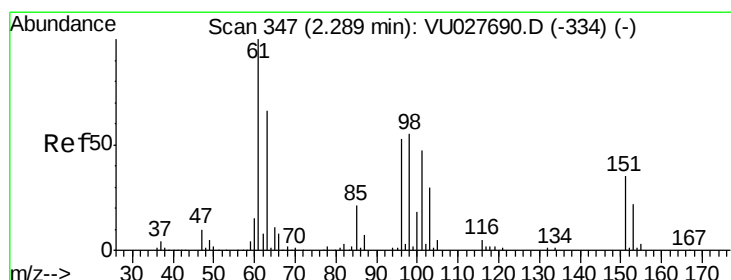
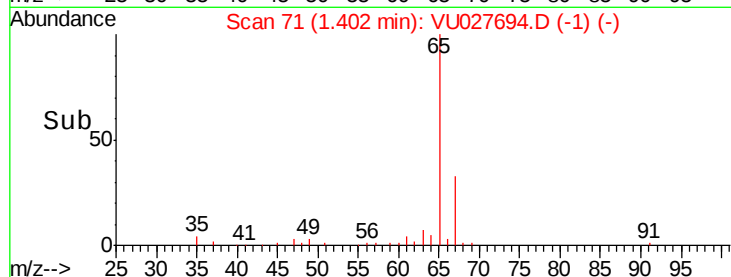
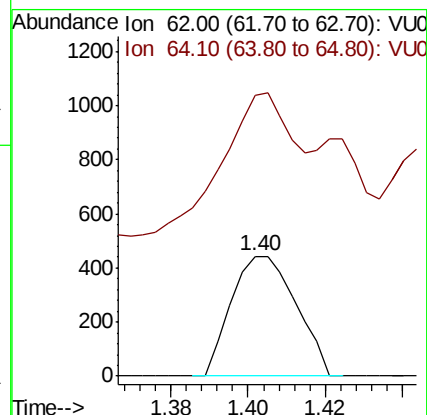
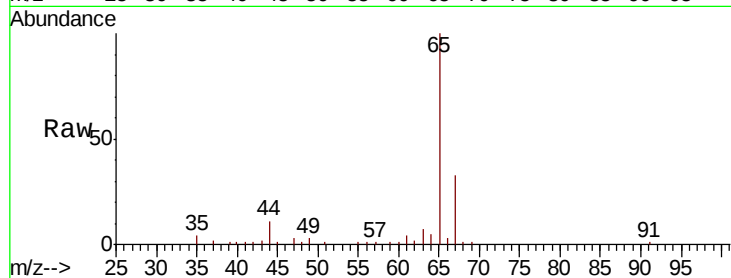
C0JC7

Tgt Ion: 62 Resp: 516

Ion Ratio Lower Upper

62 100

64 234.2 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

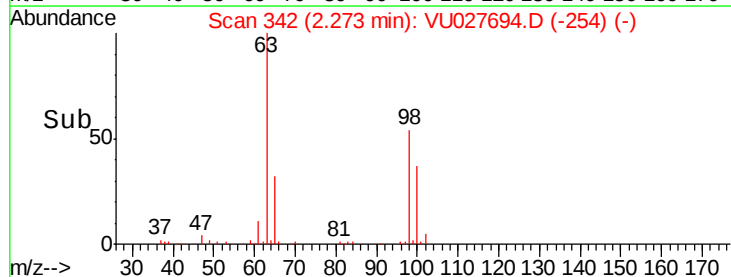
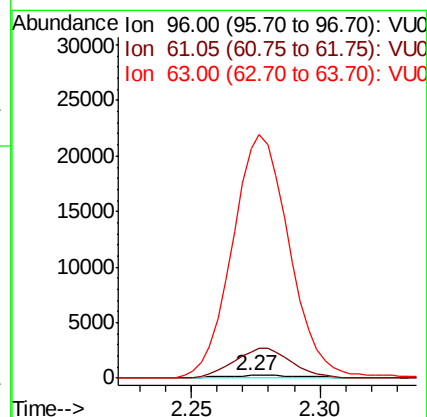
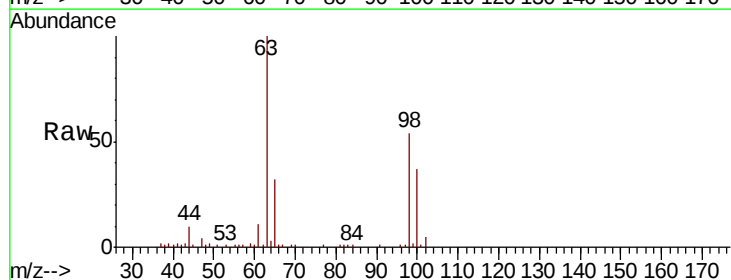
Tgt Ion: 96 Resp: 486

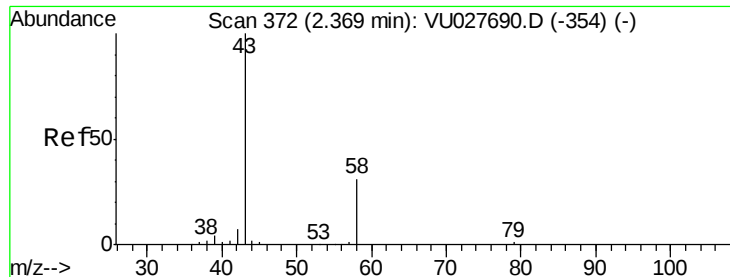
Ion Ratio Lower Upper

96 100

61 1002.1 125.6 233.2#

63 8776.3 97.6 181.2#





#13

Acetone

Concen: 0.768 ug/L

RT: 2.33 min Scan# 360

Delta R.T. -0.04 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

Instrument :

MSVOA_U

ClientSampleId :

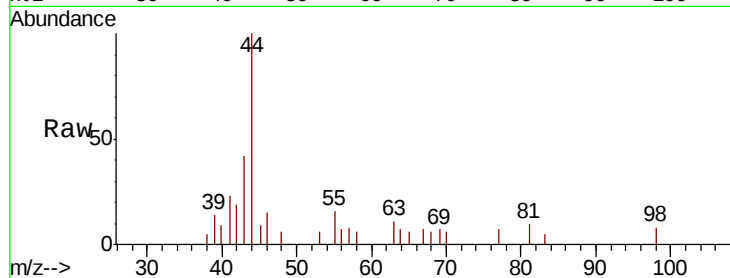
C0JC7

Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

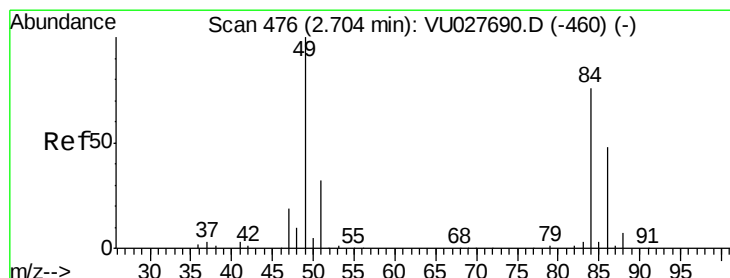
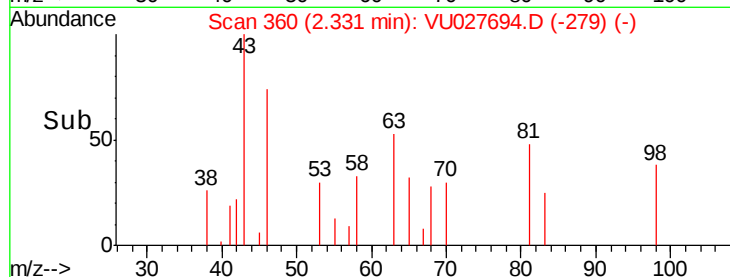
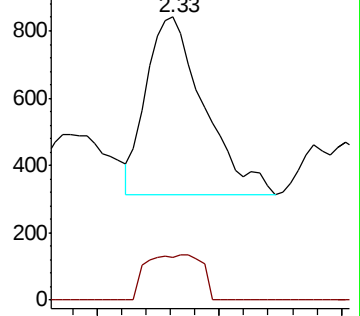
43 100

58 24.5 0.0 66.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.663 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

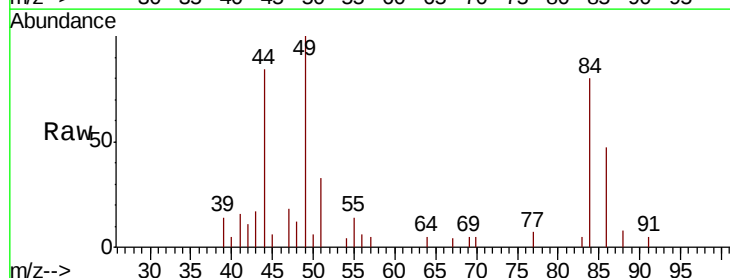
Tgt Ion: 84 Resp: 3876

Ion Ratio Lower Upper

84 100

86 59.0 46.1 85.7

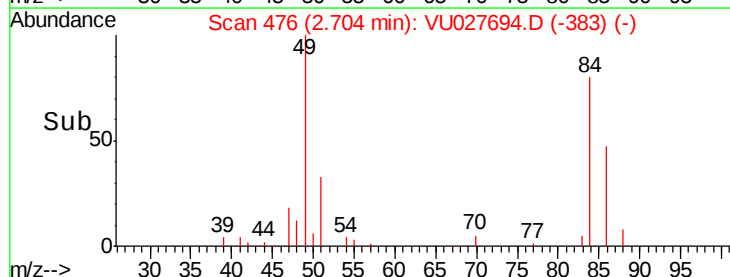
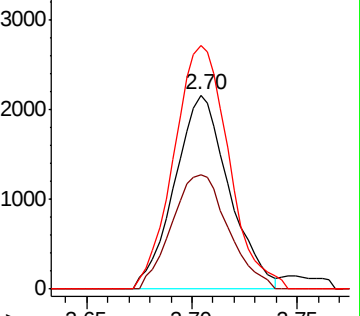
49 125.7 96.9 179.9

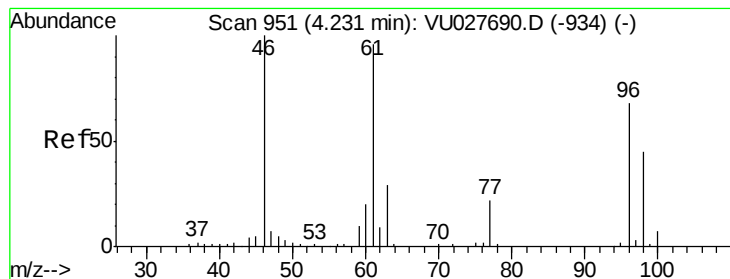


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.153 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

Instrument :

MSVOA_U

ClientSampleId :

C0JC7

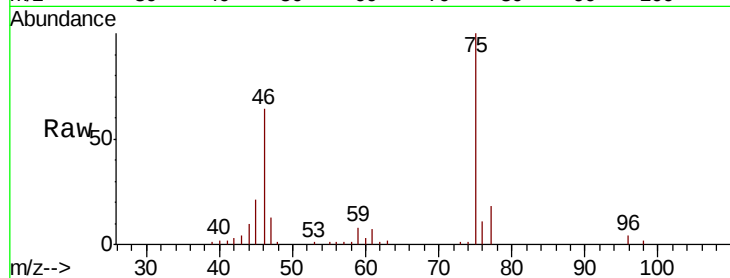
Tgt Ion: 96 Resp: 964

Ion Ratio Lower Upper

96 100

61 174.3 95.3 176.9

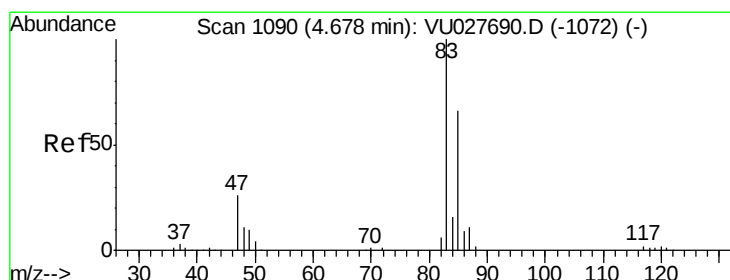
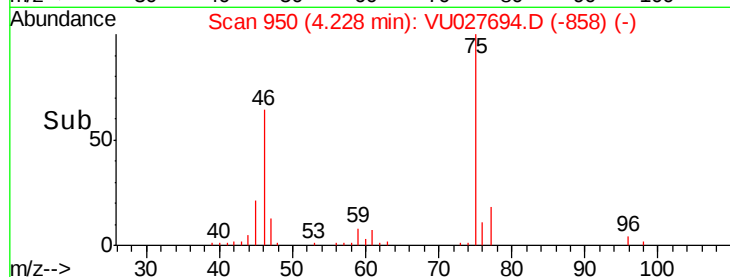
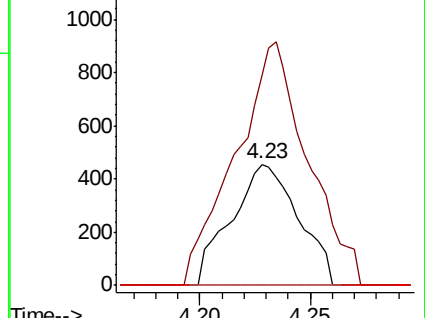
68 0.0 1.1 2.1#



Abundance Ion 96.00 (95.70 to 96.70): VU027694.D (-934) (-)

Ion 61.05 (60.75 to 61.75): VU027694.D (-934) (-)

Ion 68.15 (67.85 to 68.85): VU027694.D (-934) (-)



#25

Chloroform

Concen: 0.162 ug/L

RT: 4.68 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VU027694.D

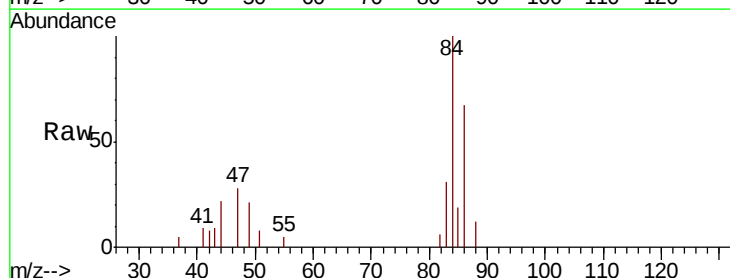
Acq: 18 Oct 2018 13:15

Tgt Ion: 83 Resp: 1769

Ion Ratio Lower Upper

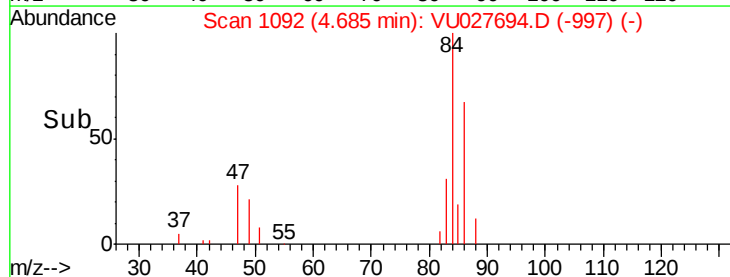
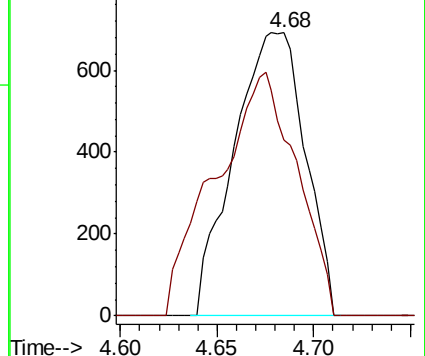
83 100

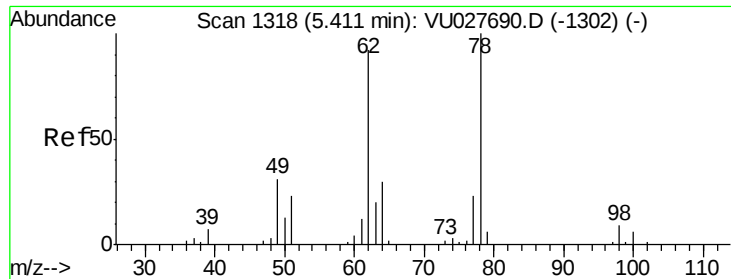
85 62.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU027694.D (-1072) (-)

Ion 85.00 (84.70 to 85.70): VU027694.D (-1072) (-)

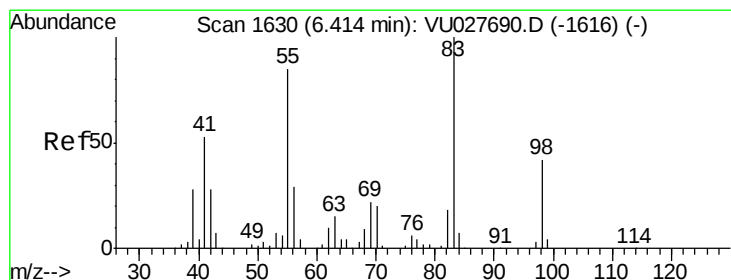
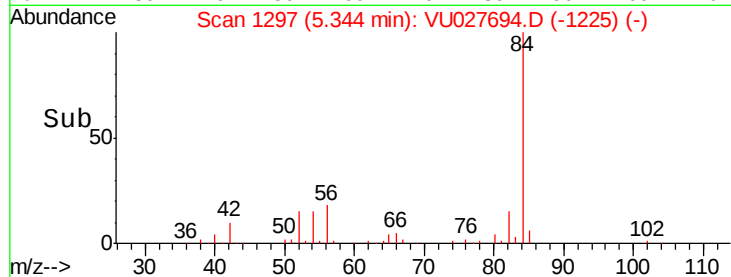
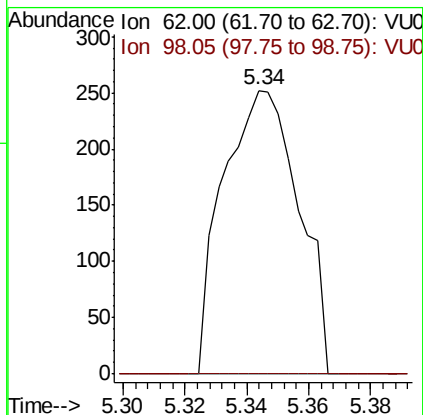
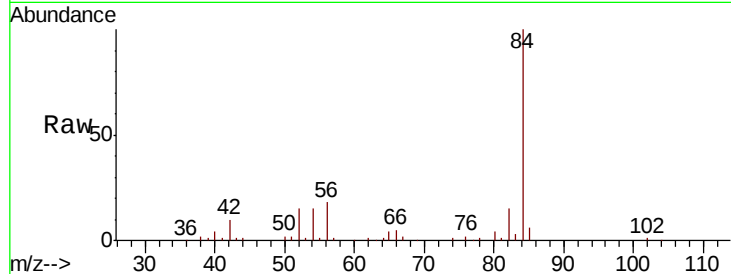




#27
 1,2-Dichloroethane
 Concen: 0.062 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.07 min
 Lab File: VU027694.D
 Acq: 18 Oct 2018 13:15

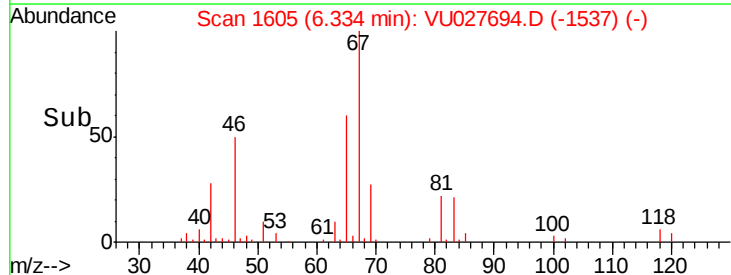
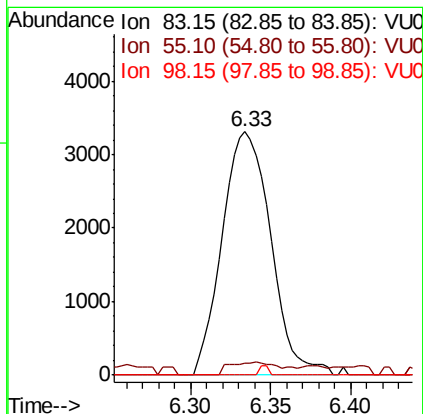
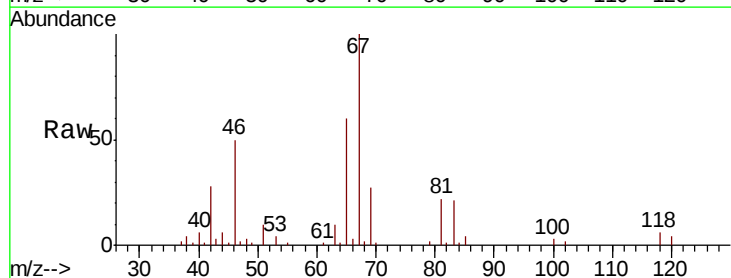
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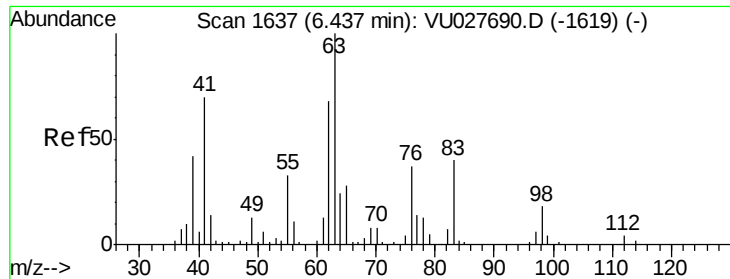
Tgt Ion: 62 Resp: 429
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#35
 Methylcyclohexane
 Concen: 0.646 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027694.D
 Acq: 18 Oct 2018 13:15

Tgt Ion: 83 Resp: 6885
 Ion Ratio Lower Upper
 83 100
 55 5.5 69.0 103.4#
 98 0.7 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 0.463 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

Instrument :

MSVOA_U

ClientSampleId :

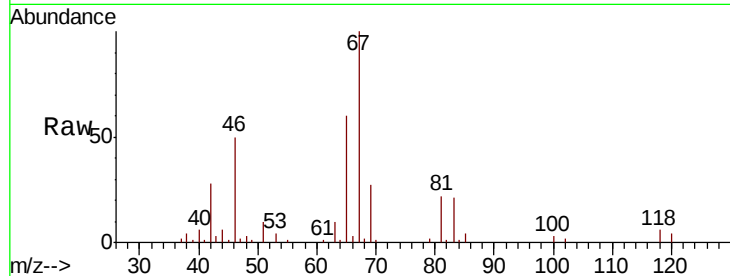
C0JC7

Tgt Ion: 63 Resp: 3177

Ion Ratio Lower Upper

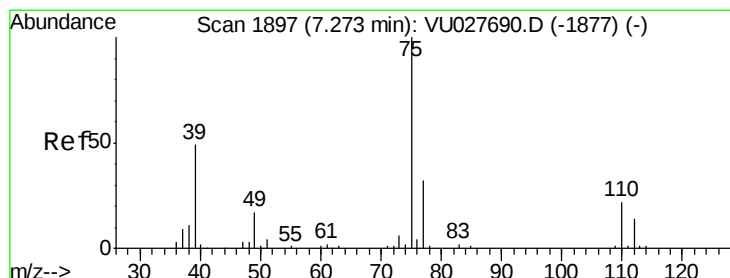
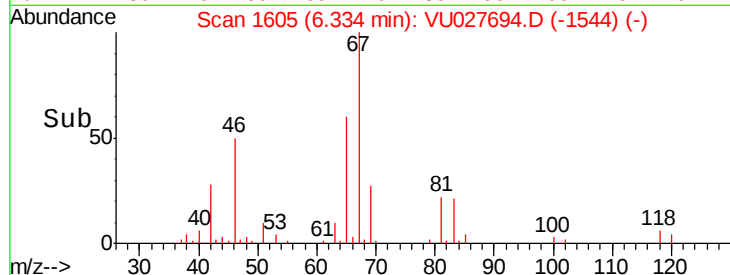
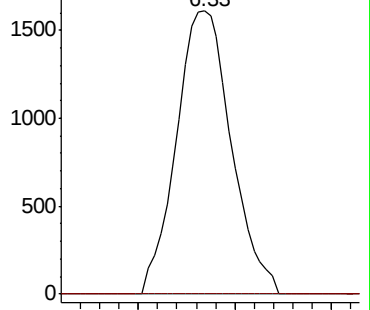
63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU027690.D (-1619) (-)

Ion 112.10 (111.80 to 112.80): VU027690.D (-1619) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU027694.D

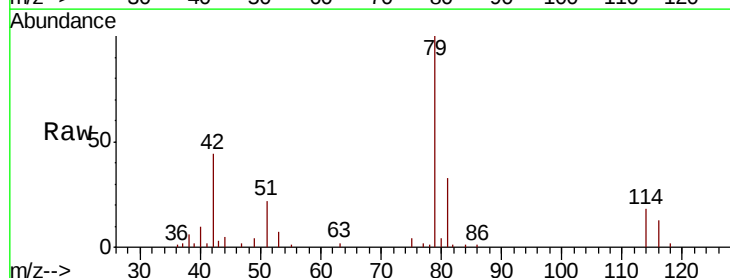
Acq: 18 Oct 2018 13:15

Tgt Ion: 75 Resp: 696

Ion Ratio Lower Upper

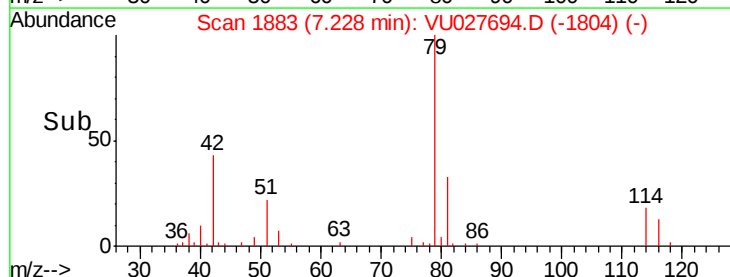
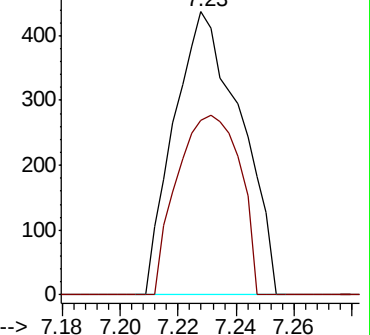
75 100

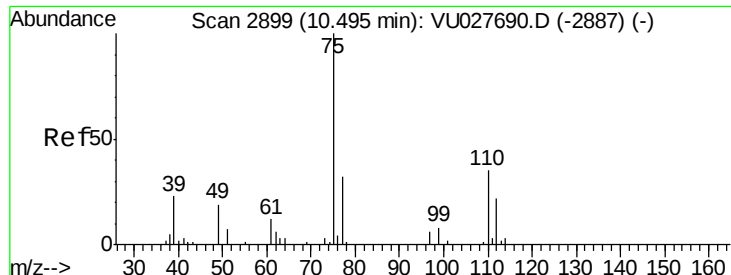
77 61.8 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VU027690.D (-1877) (-)

Ion 77.05 (76.75 to 77.75): VU027690.D (-1877) (-)





#59

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027694.D

Acq: 18 Oct 2018 13:15

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 4523

Ion Ratio Lower Upper

75 100

77 35.5 26.9 40.3

