

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027705.D
 Acq On : 18 Oct 2018 19:06
 Operator : MD/SY
 Sample : J5463-08DL 20000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB9DL

Quant Time: Oct 19 08:15:44 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	73101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	68296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	32881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27717	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.68	69	20955	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.28	63	37672	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.21	46	80825	48.93	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	4.65	84	42410	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	24819	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	94195	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	32264	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.57	98	87793	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	12779	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.32	63	68099	48.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23179	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	31017	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

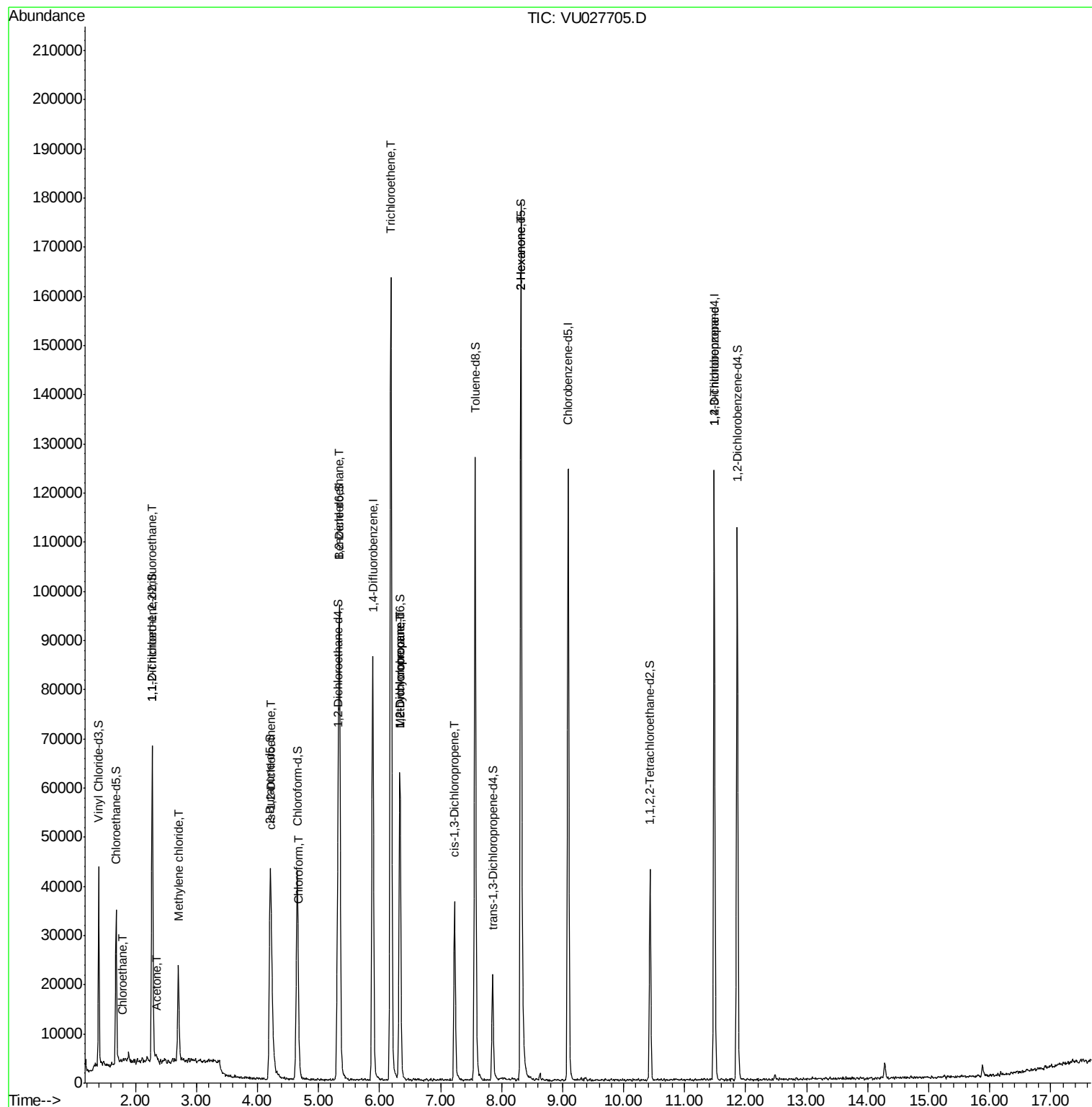
					Qvalue	
8) Chloroethane	1.78	64	958	0.233	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	263	0.053	ug/L #	17
13) Acetone	2.35	43	780	0.738	ug/L	88
16) Methylene chloride	2.70	84	7932	1.470	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	1538	0.264	ug/L #	89
25) Chloroform	4.68	83	3224	0.319	ug/L	97
27) 1,2-Dichloroethane	5.33	62	418	0.065	ug/L #	72
34) Trichloroethene	6.19	95	59092	10.214	ug/L	99
35) Methylcyclohexane	6.33	83	6959	0.698	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3308	0.515	ug/L #	89
39) cis-1,3-Dichloropropene	7.24	75	810	0.087	ug/L #	64
48) 2-Hexanone	8.32	43	8108	2.612	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	3900	1.057	ug/L #	87

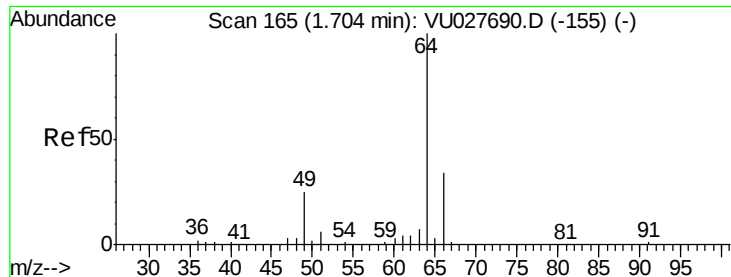
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027705.D
Acq On : 18 Oct 2018 19:06
Operator : MD/SY
Sample : J5463-08DL 20000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JB9DL

Quant Time: Oct 19 08:15:44 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





#8

Chloroethane

Concen: 0.233 ug/L

RT: 1.78 min Scan# 190

Delta R.T. 0.08 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

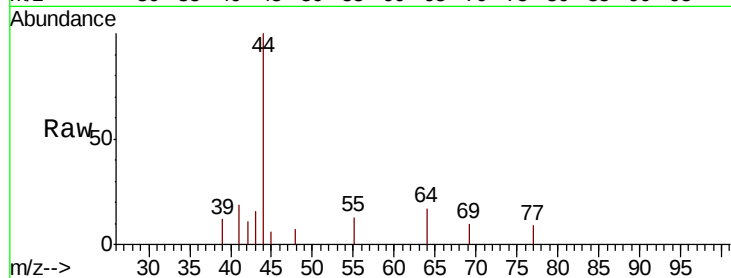
C0JB9DL

Tgt Ion: 64 Resp: 958

Ion Ratio Lower Upper

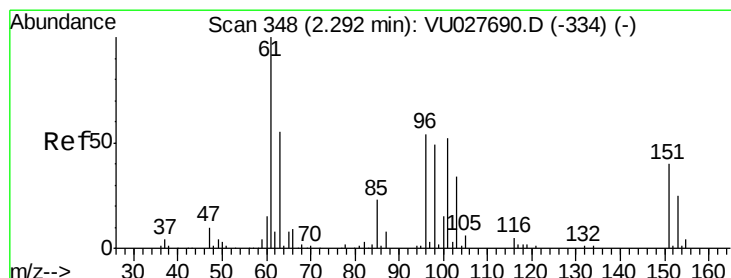
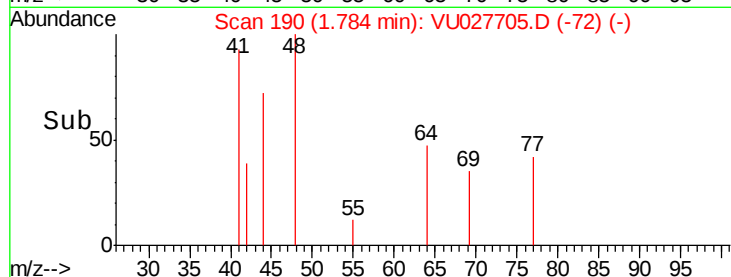
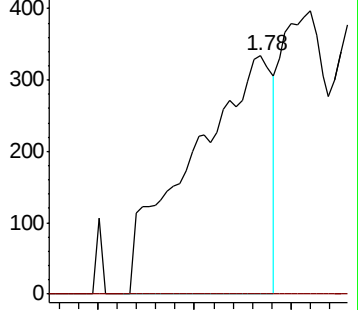
64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#10

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

Concen: 0.053 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

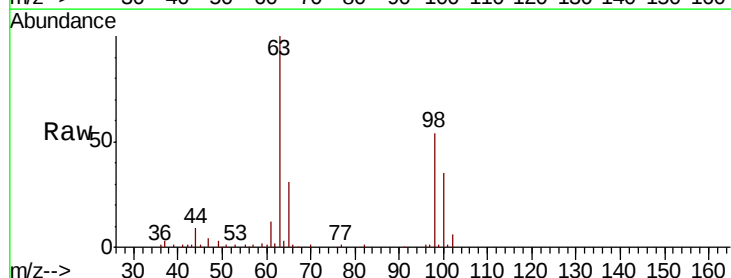
Tgt Ion: 101 Resp: 263

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

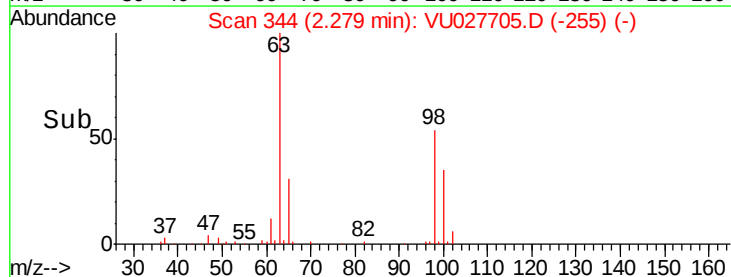
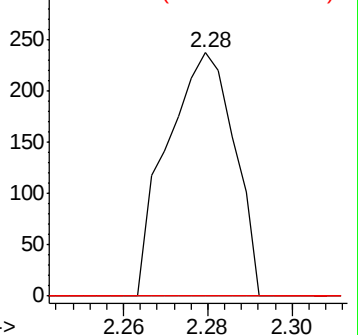
151 0.0 63.8 95.6#

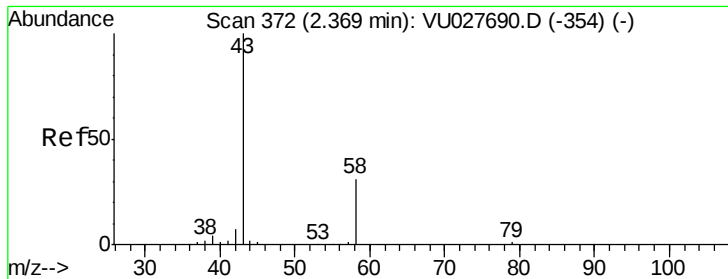


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 0.738 ug/L

RT: 2.35 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

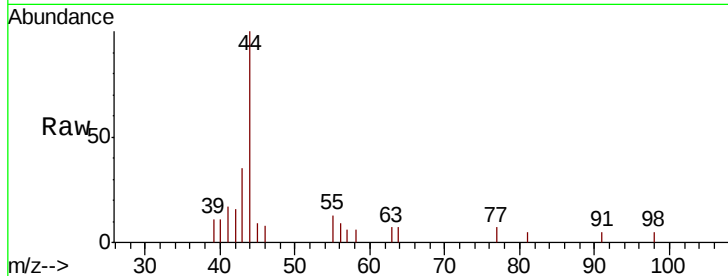
C0JB9DL

Tgt Ion: 43 Resp: 780

Ion Ratio Lower Upper

43 100

58 26.5 0.0 66.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

800

600

400

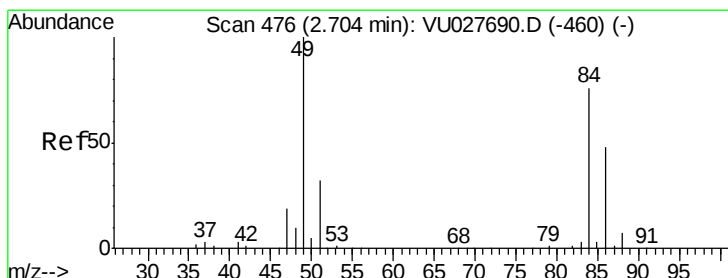
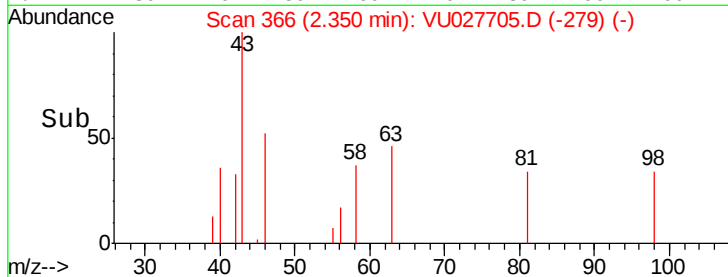
200

0

2.30

2.35

Time-->



#16

Methylene chloride

Concen: 1.470 ug/L

RT: 2.70 min Scan# 476

Delta R.T. -0.00 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

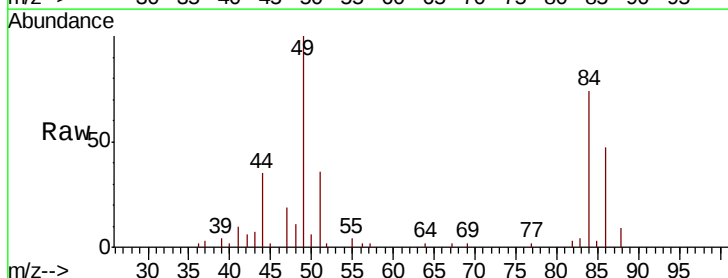
Tgt Ion: 84 Resp: 7932

Ion Ratio Lower Upper

84 100

86 63.0 46.1 85.7

49 134.7 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

8000

6000

4000

2000

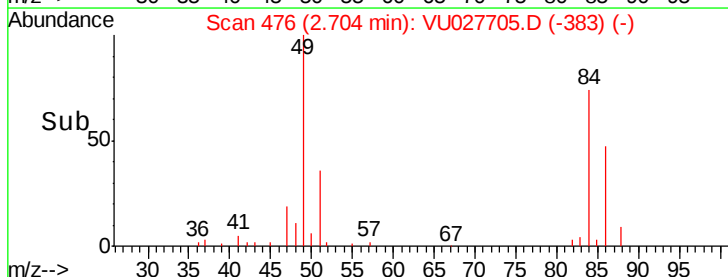
0

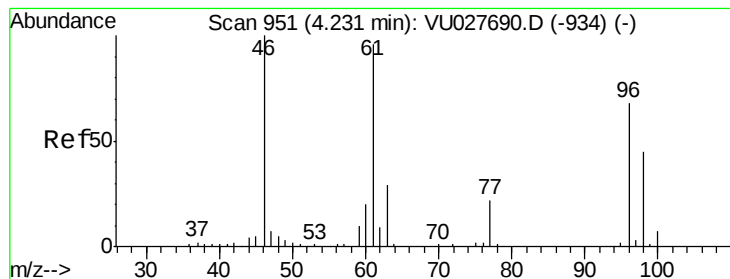
2.65

2.70

2.75

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

C0JB9DL

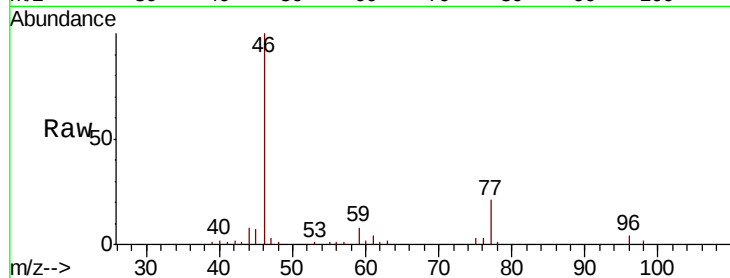
Tgt Ion: 96 Resp: 1538

Ion Ratio Lower Upper

96 100

61 122.3 95.3 176.9

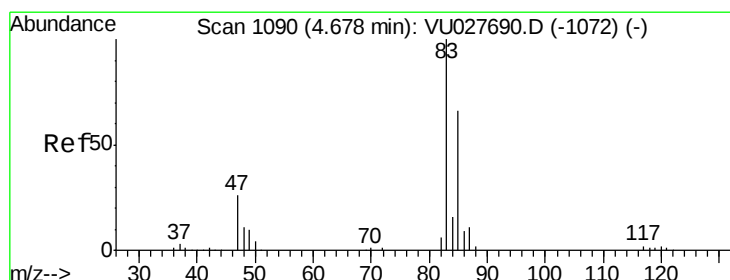
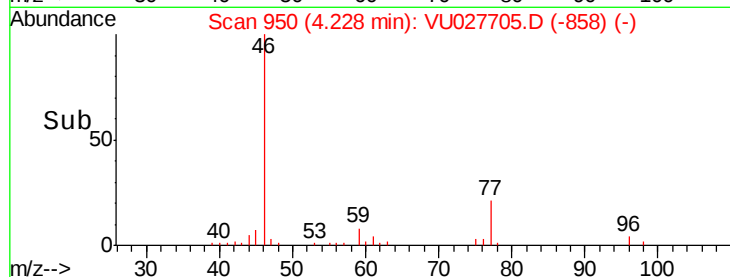
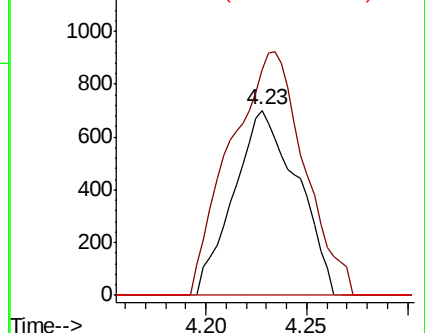
68 0.0 1.1 2.1#



Abundance Ion 96.00 (95.70 to 96.70): VU027690.D (-934) (-)

Ion 61.05 (60.75 to 61.75): VU027690.D (-934) (-)

Ion 68.15 (67.85 to 68.85): VU027690.D (-934) (-)



#25

Chloroform

Concen: 0.319 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VU027705.D

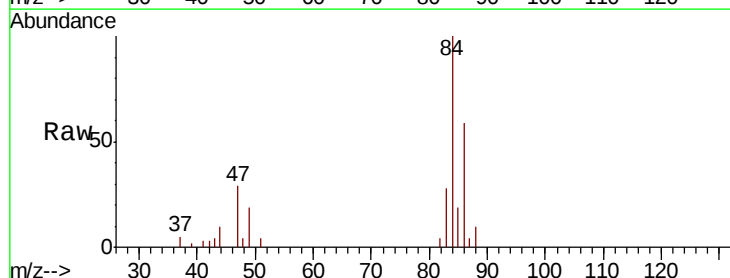
Acq: 18 Oct 2018 19:06

Tgt Ion: 83 Resp: 3224

Ion Ratio Lower Upper

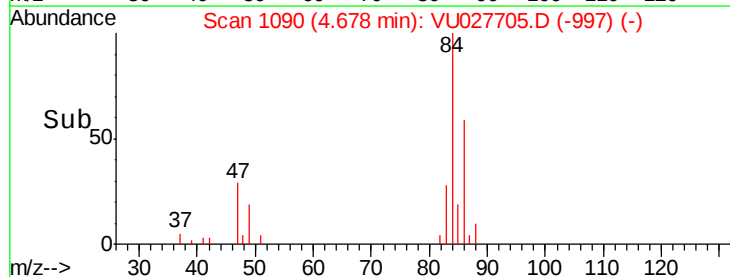
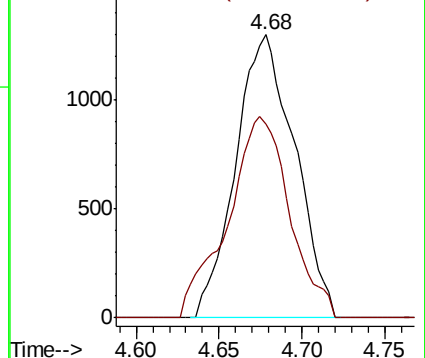
83 100

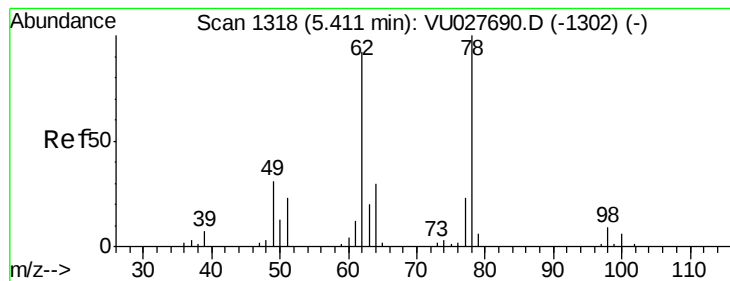
85 68.4 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU027690.D (-1072) (-)

Ion 85.00 (84.70 to 85.70): VU027690.D (-1072) (-)





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.33 min Scan# 1294

Delta R.T. -0.08 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

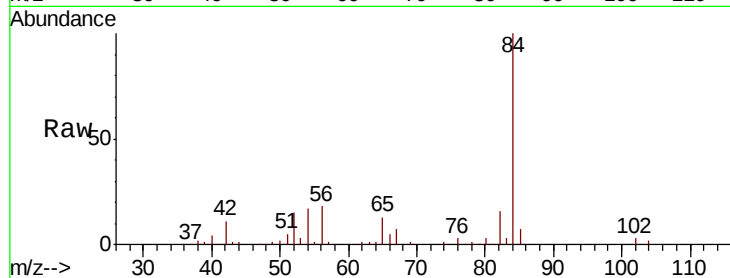
C0JB9DL

Tgt Ion: 62 Resp: 418

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.33

250

200

150

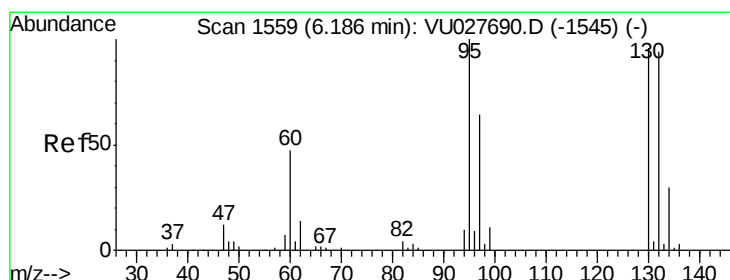
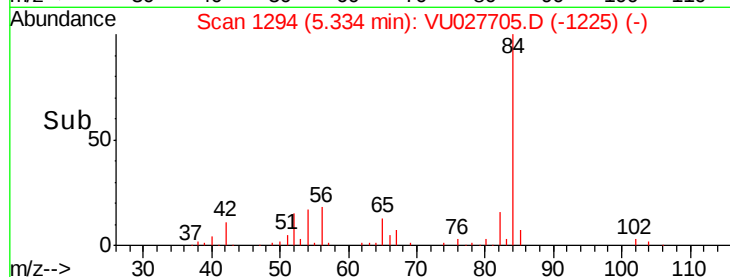
100

50

0

5.30 5.32 5.34 5.36 5.38

Time-->



#34

Trichloroethene

Concen: 10.214 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Tgt Ion: 95 Resp: 59092

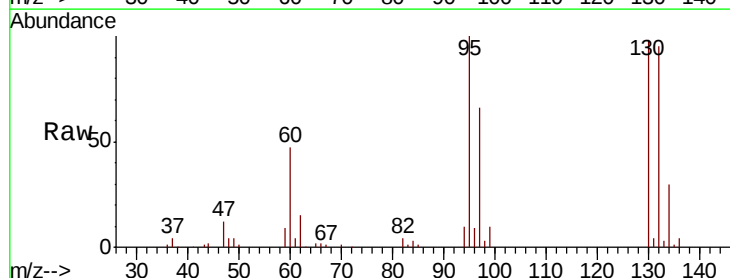
Ion Ratio Lower Upper

95 100

97 65.7 44.7 83.1

132 94.6 65.9 122.5

130 98.1 67.9 126.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

6.19

40000

30000

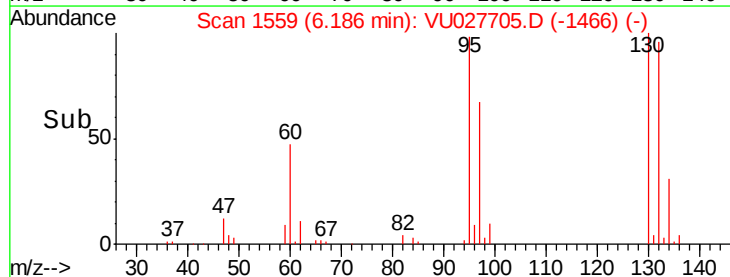
20000

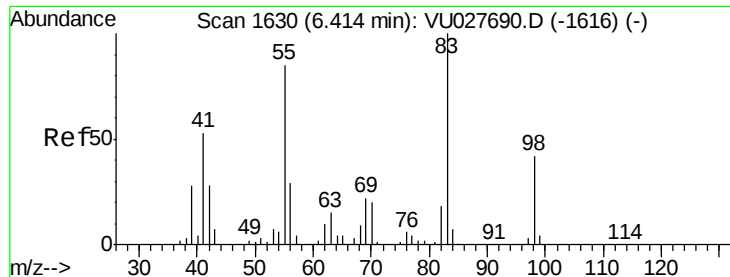
10000

0

6.10 6.15 6.20 6.25

Time-->





#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

C0JB9DL

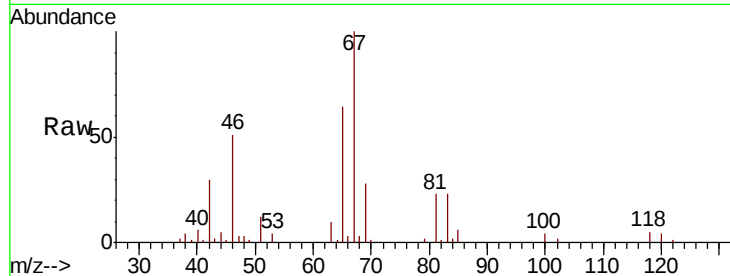
Tgt Ion: 83 Resp: 6959

Ion Ratio Lower Upper

83 100

55 1.6 69.0 103.4#

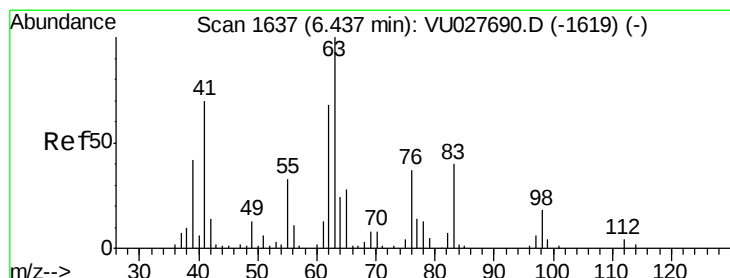
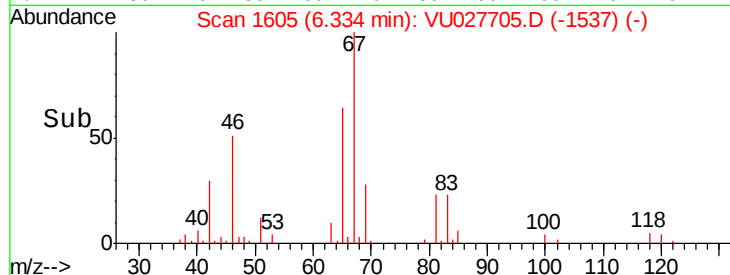
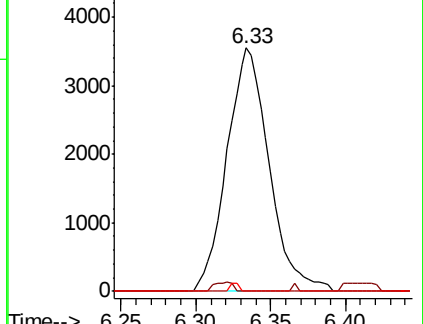
98 0.0 35.4 53.2#



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: 0.515 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.11 min

Lab File: VU027705.D

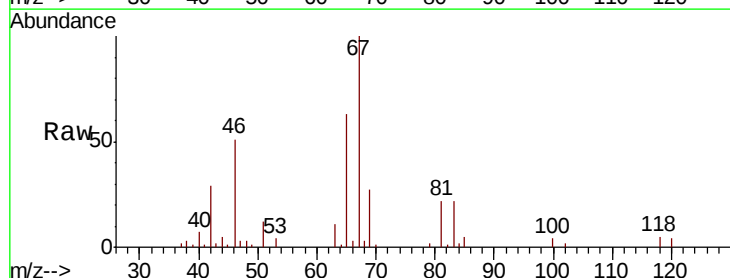
Acq: 18 Oct 2018 19:06

Tgt Ion: 63 Resp: 3308

Ion Ratio Lower Upper

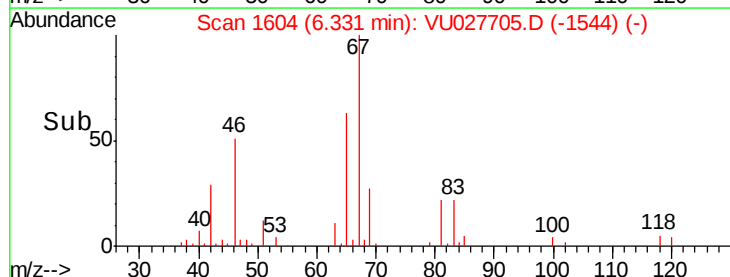
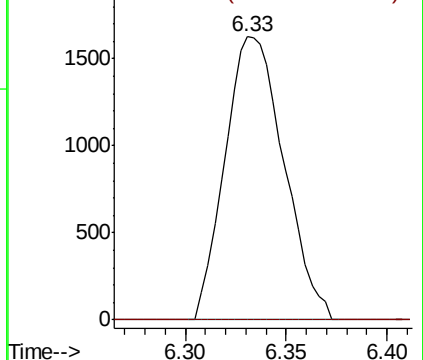
63 100

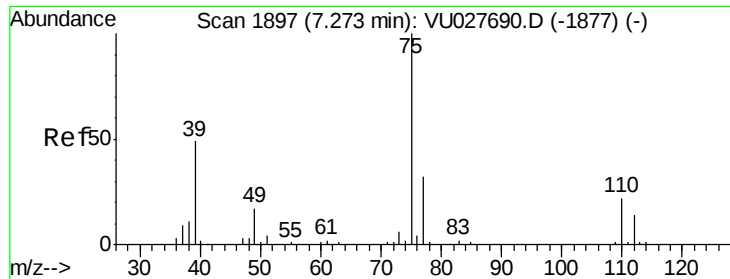
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

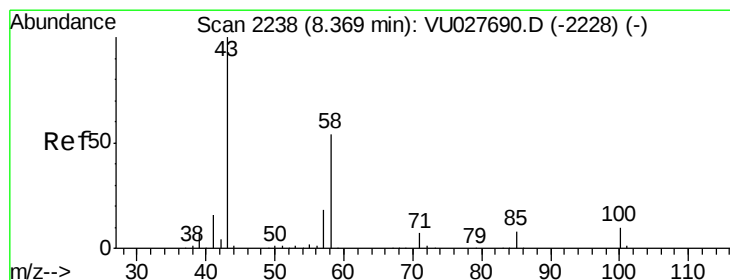
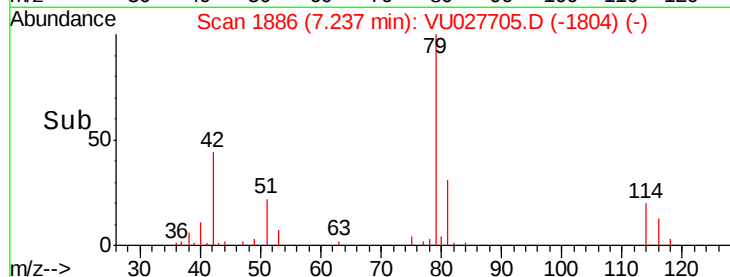
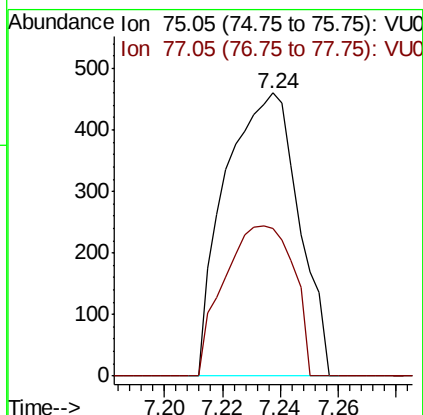
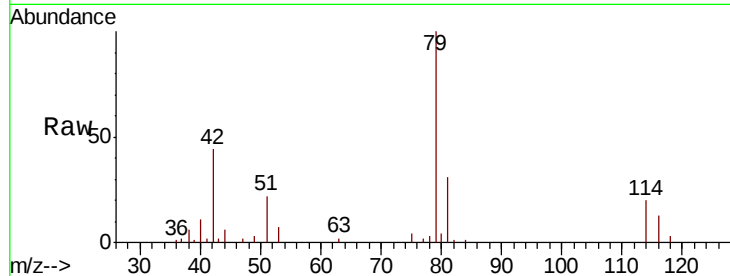




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.24 min Scan# 1886
 Delta R.T. -0.04 min
 Lab File: VU027705.D
 Acq: 18 Oct 2018 19:06

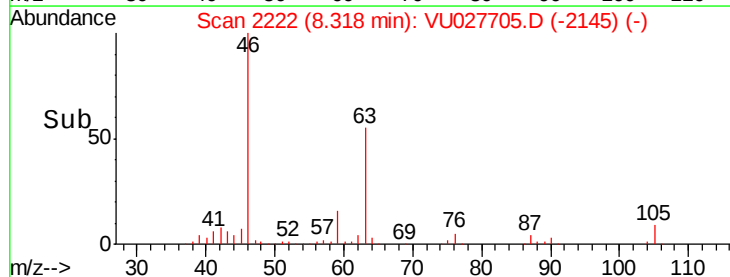
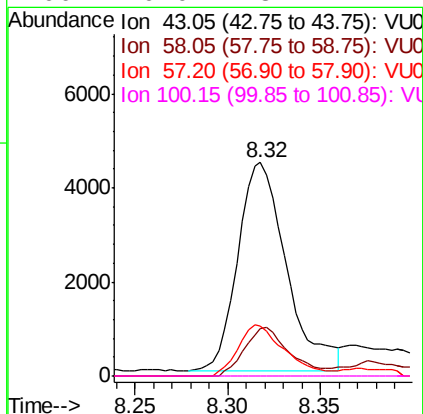
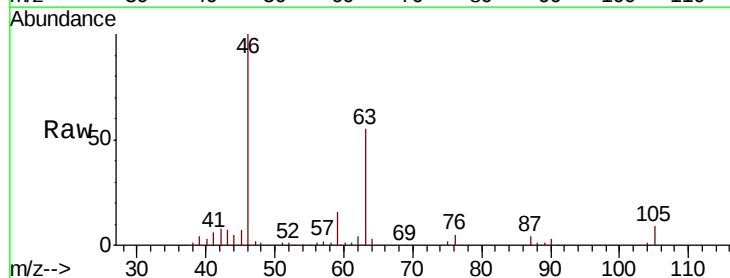
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB9DL

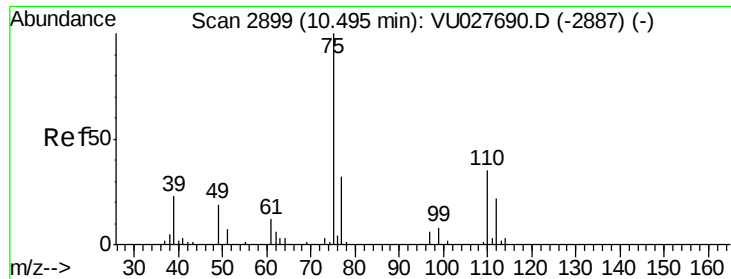
Tgt Ion: 75 Resp: 810
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.612 ug/L
 RT: 8.32 min Scan# 2222
 Delta R.T. -0.05 min
 Lab File: VU027705.D
 Acq: 18 Oct 2018 19:06

Tgt Ion: 43 Resp: 8108
 Ion Ratio Lower Upper
 43 100
 58 21.4 42.7 64.1#
 57 23.5 14.5 21.7#
 100 0.0 8.1 12.1#





#59

1,2,3-Trichloropropane

Concen: 1.057 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027705.D

Acq: 18 Oct 2018 19:06

Instrument :

MSVOA_U

ClientSampleId :

C0JB9DL

Tgt Ion: 75 Resp: 3900

Ion Ratio Lower Upper

75 100

77 41.1 26.9 40.3#

