

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026810.D
 Acq On : 16 Sep 2018 06:06
 Operator : MD/SY
 Sample : J4918-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY7

Quant Time: Sep 17 07:16:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123801	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38028	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43705	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.68	69	36376	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.28	63	60893	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.21	46	96958	46.72	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.65	84	72894	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	39260	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.34	84	152070	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.33	67	47979	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.57	98	111847	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	13153	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.32	63	54845	41.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34787	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	41339	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

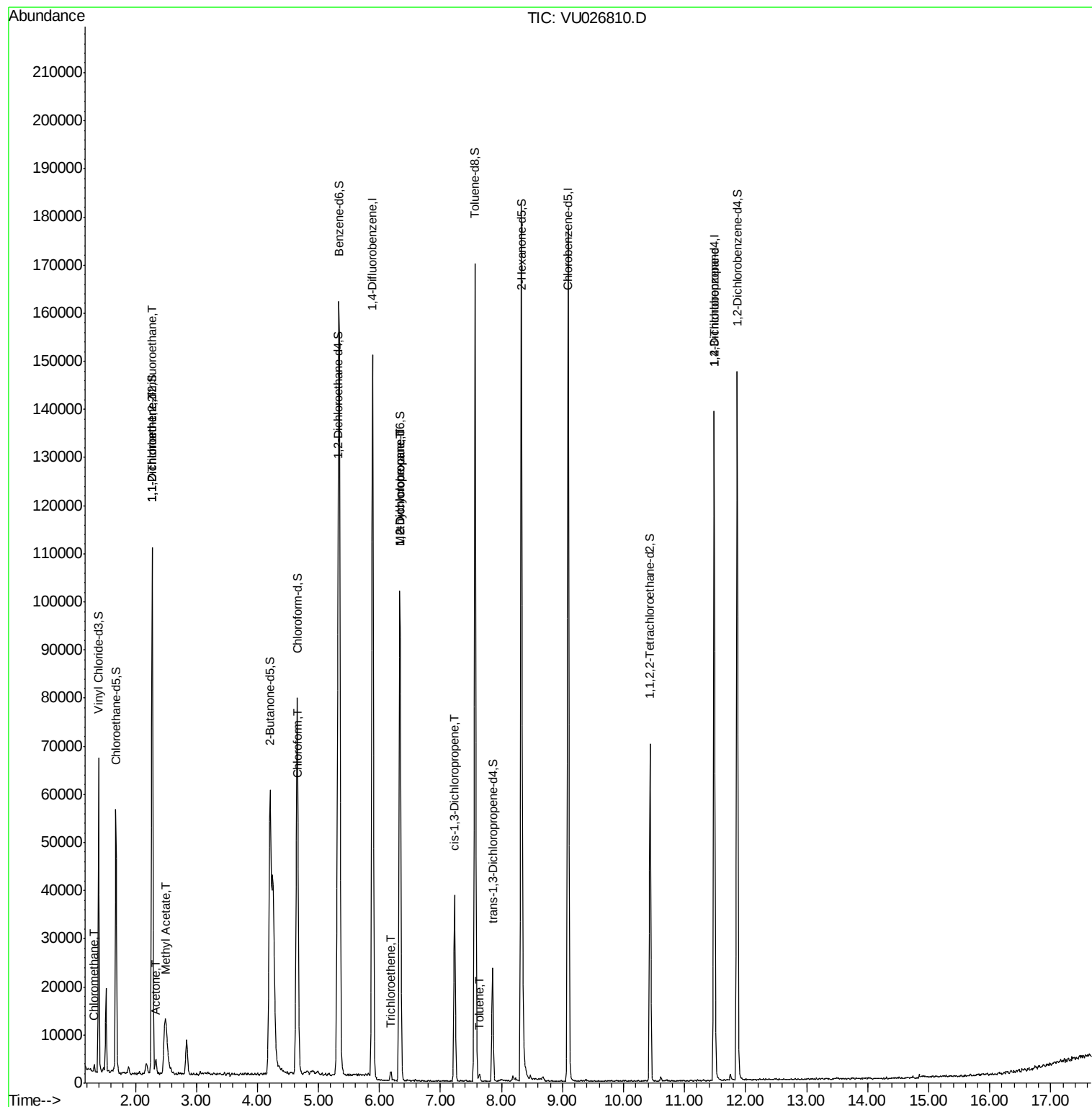
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1067	0.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	517	0.053	ug/L #	18
12) 1,1-Dichloroethene	2.29	96	1739	0.188	ug/L #	1
13) Acetone	2.33	43	2618	1.419	ug/L	88
15) Methyl Acetate	2.49	43	6373	1.317	ug/L #	52
25) Chloroform	4.67	83	980	0.054	ug/L	91
34) Trichloroethene	6.18	95	622	0.066	ug/L	87
35) Methylcyclohexane	6.34	83	11370	0.740	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5316	0.539	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	760	0.057	ug/L #	61
42) Toluene	7.64	91	1180	0.031	ug/L	81
59) 1,2,3-Trichloropropane	11.48	75	4519	0.780	ug/L	96

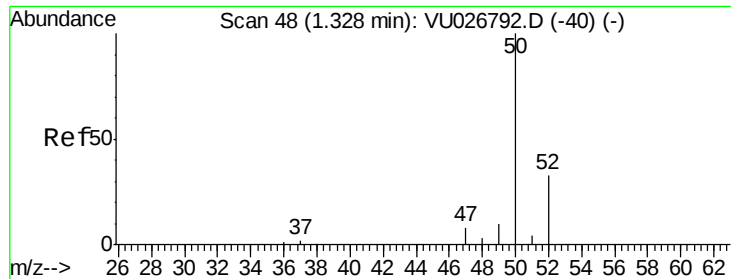
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

Instrument :

MSVOA_U

ClientSampled :

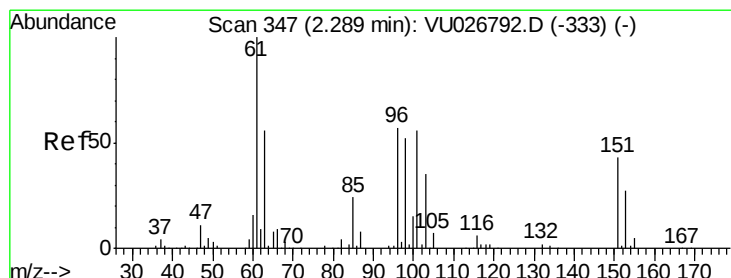
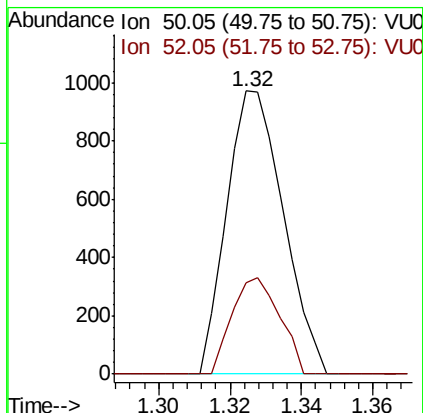
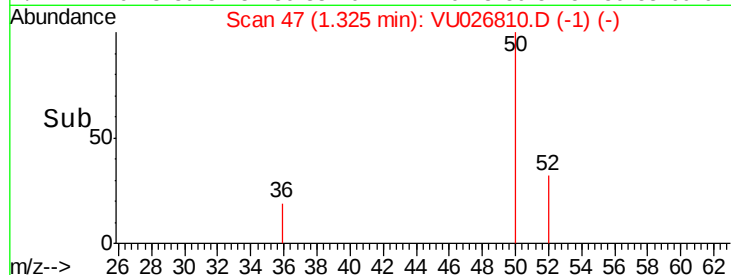
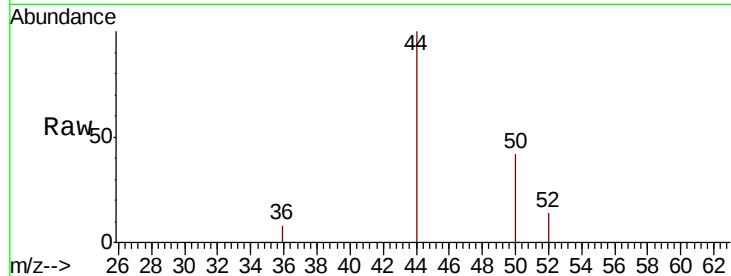
C0KY7

Tgt Ion: 50 Resp: 1067

Ion Ratio Lower Upper

50 100

52 32.3 23.3 43.3



#10

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

Concen: 0.053 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

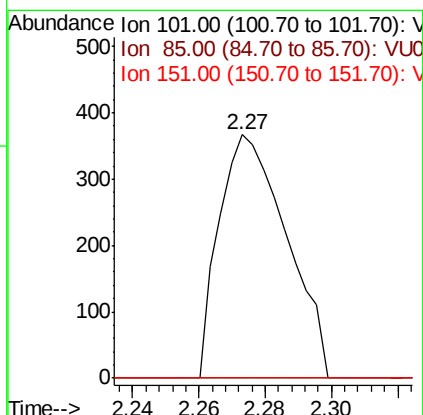
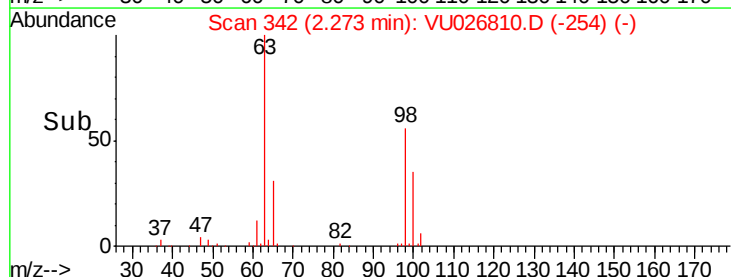
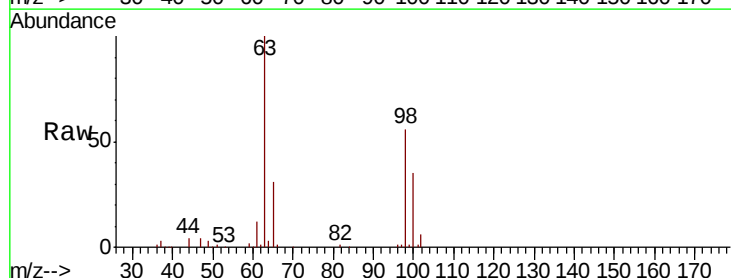
Tgt Ion: 101 Resp: 517

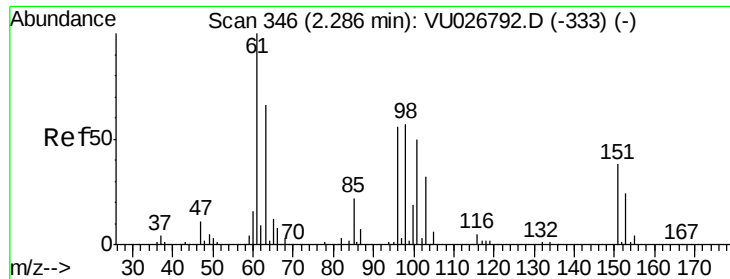
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 63.3 94.9#

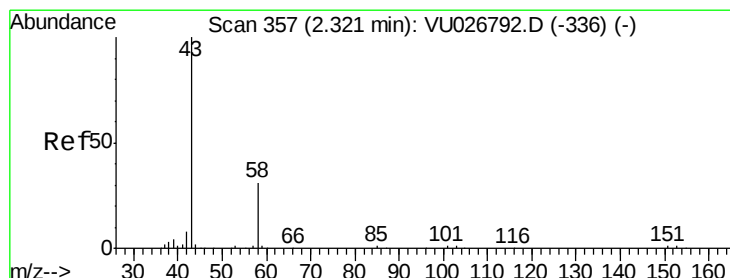
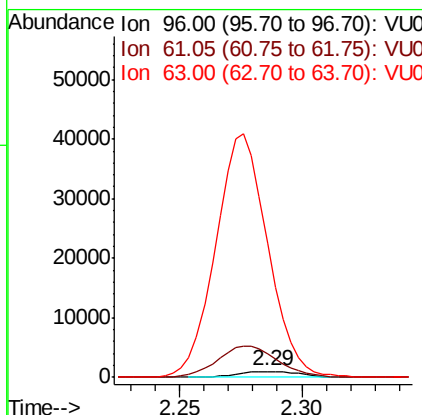
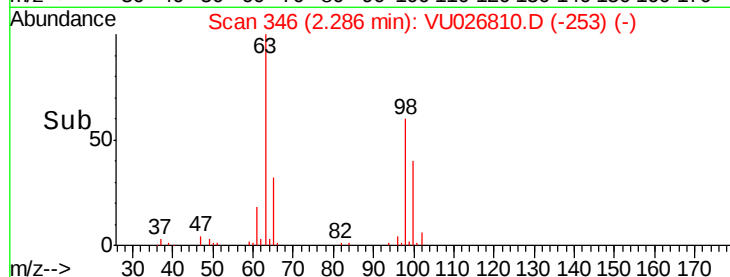
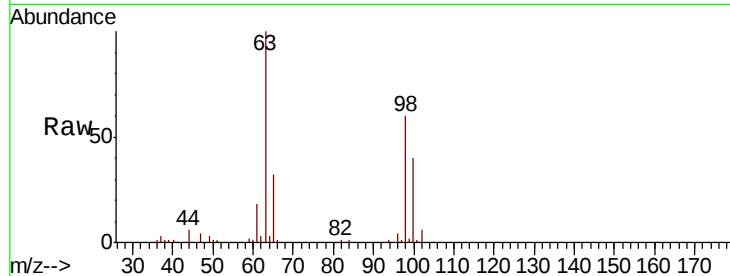




#12
 1,1-Dichloroethene
 Concen: 0.188 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026810.D
 Acq: 16 Sep 2018 06:06

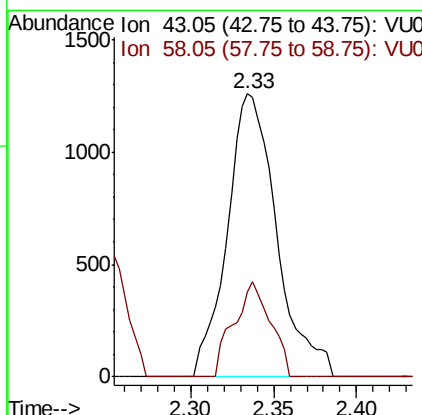
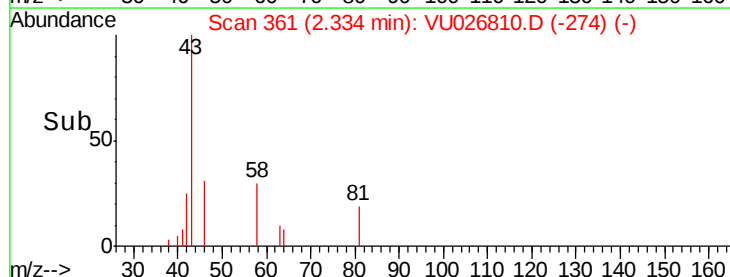
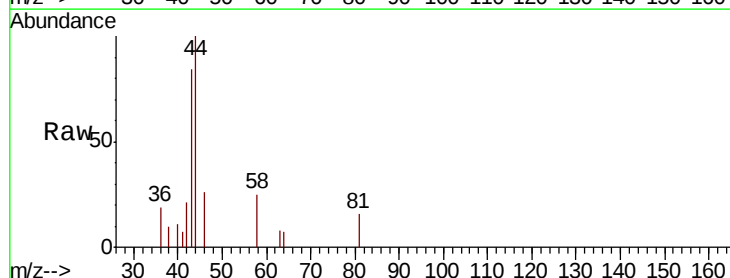
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY7

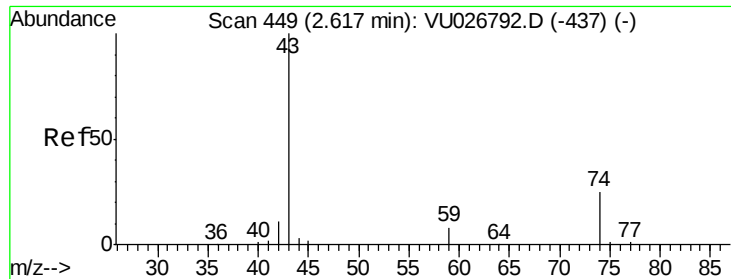
Tgt Ion: 96 Resp: 1739
 Ion Ratio Lower Upper
 96 100
 61 414.8 126.6 235.2#
 63 2315.8 91.3 169.5#



#13
 Acetone
 Concen: 1.419 ug/L
 RT: 2.33 min Scan# 361
 Delta R.T. -0.02 min
 Lab File: VU026810.D
 Acq: 16 Sep 2018 06:06

Tgt Ion: 43 Resp: 2618
 Ion Ratio Lower Upper
 43 100
 58 24.8 0.0 63.0

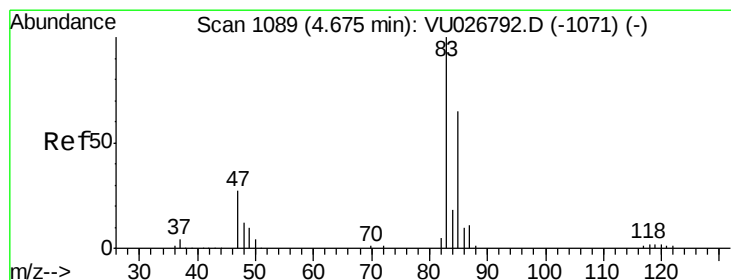
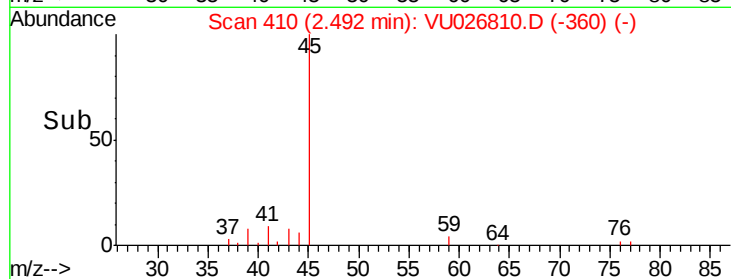
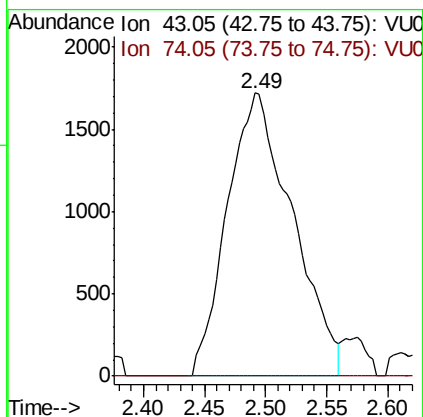
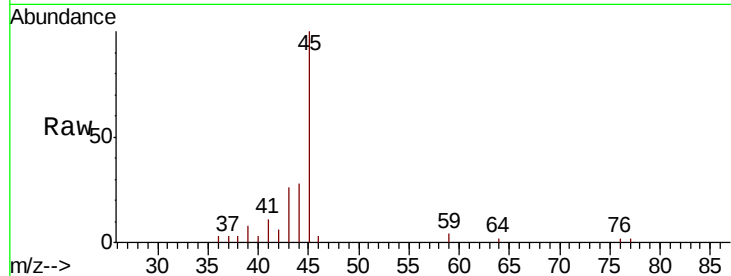




#15
Methyl Acetate
Concen: 1.317 ug/L
RT: 2.49 min Scan# 410
Delta R.T. -0.14 min
Lab File: VU026810.D
Acq: 16 Sep 2018 06:06

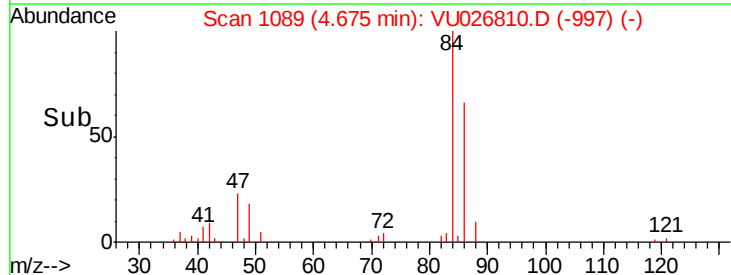
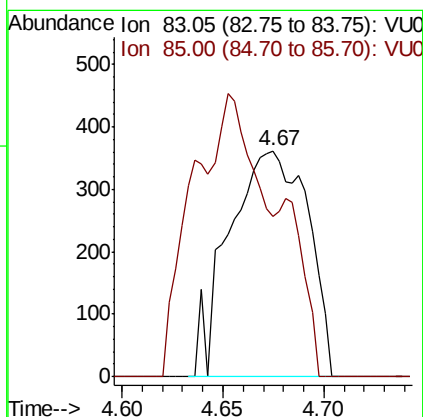
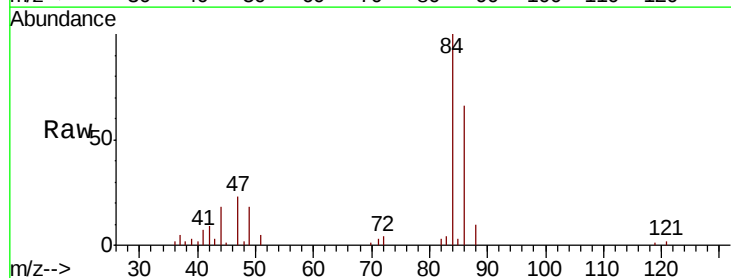
Instrument :
MSVOA_U
ClientSampleId :
C0KY7

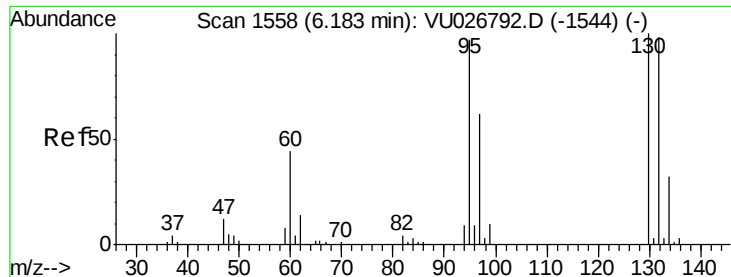
Tgt Ion: 43 Resp: 6373
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#25
Chloroform
Concen: 0.054 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026810.D
Acq: 16 Sep 2018 06:06

Tgt Ion: 83 Resp: 980
Ion Ratio Lower Upper
83 100
85 71.0 44.8 83.2





#34

Trichloroethene

Concen: 0.066 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

Instrument :

MSVOA_U

ClientSampleId :

C0KY7

Tgt Ion: 95 Resp: 622

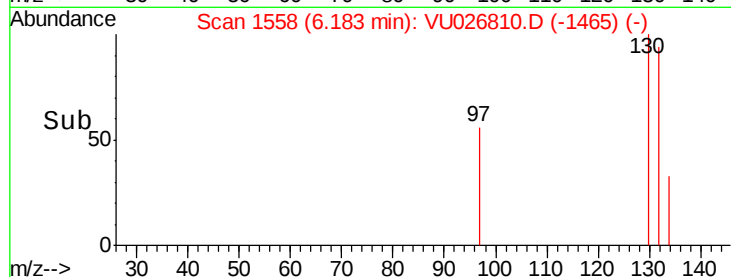
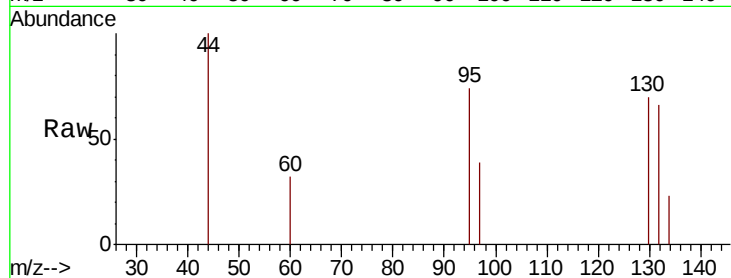
Ion Ratio Lower Upper

95 100

97 52.7 45.1 83.9

132 88.8 72.0 133.8

130 94.4 73.1 135.7

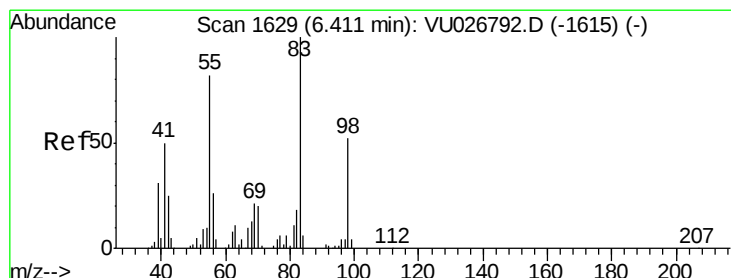
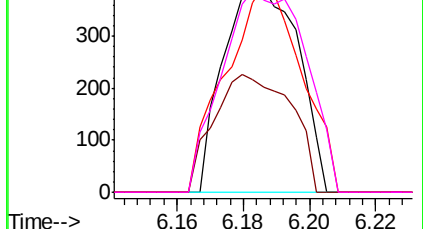


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.07 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

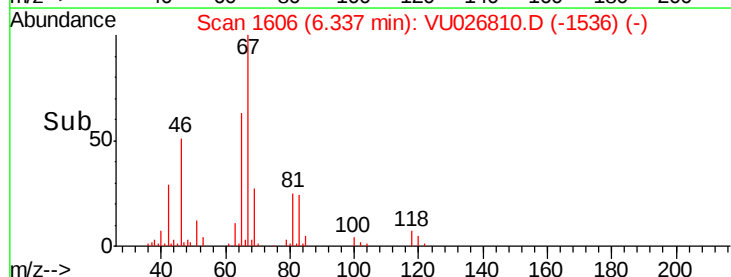
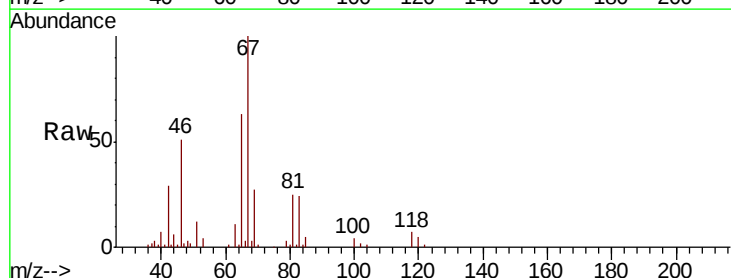
Tgt Ion: 83 Resp: 11370

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

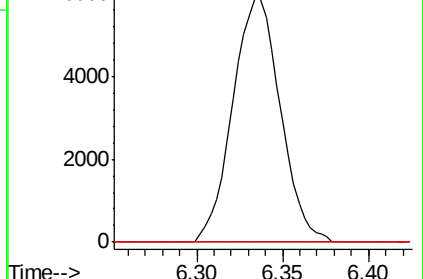
98 0.0 39.3 58.9#

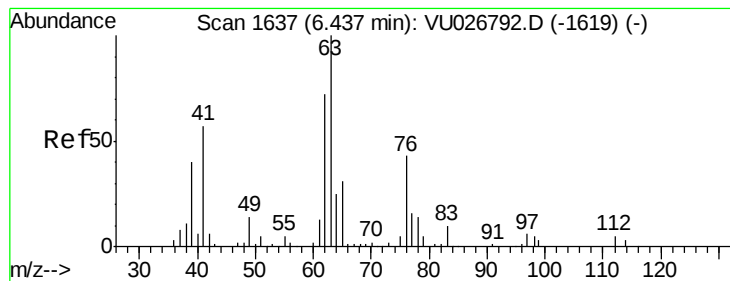


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

Instrument :

MSVOA_U

ClientSampleId :

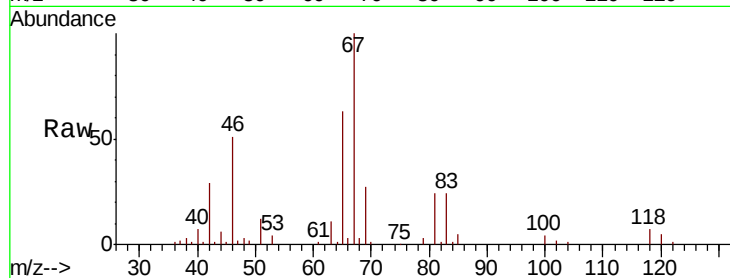
C0KY7

Tgt Ion: 63 Resp: 5316

Ion Ratio Lower Upper

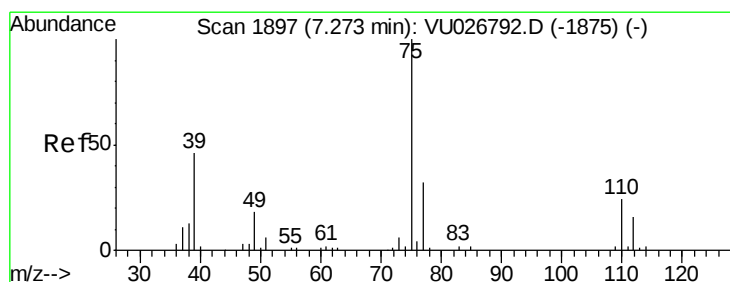
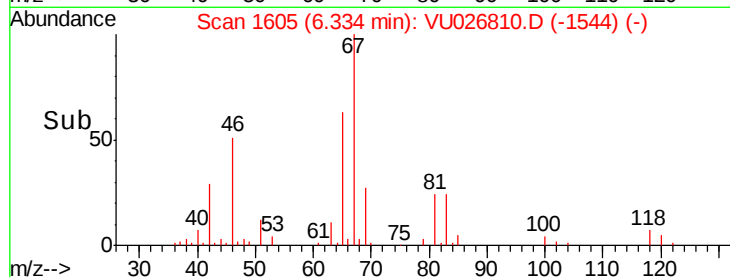
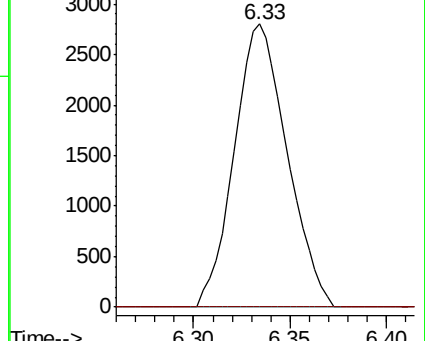
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU026810.D (-1544) (-)

Ion 112.10 (111.80 to 112.80): VU026810.D (-1544) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026810.D

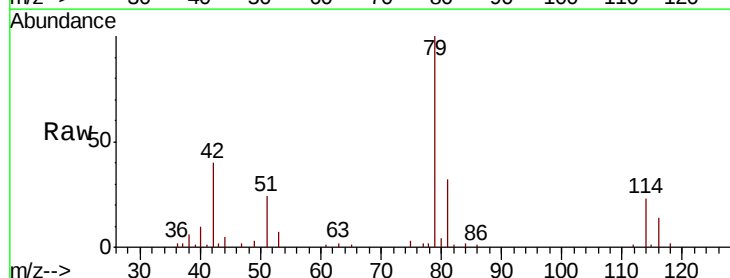
Acq: 16 Sep 2018 06:06

Tgt Ion: 75 Resp: 760

Ion Ratio Lower Upper

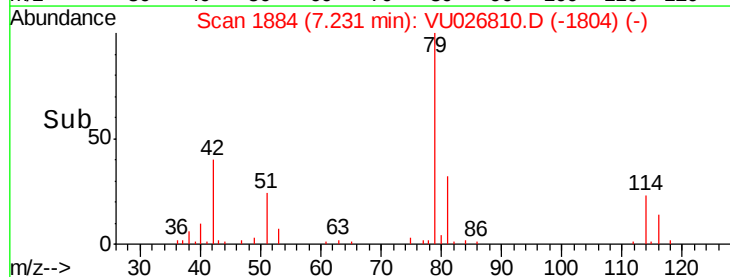
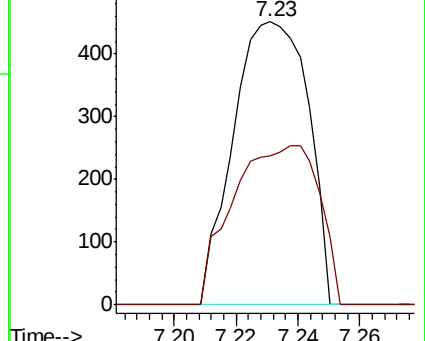
75 100

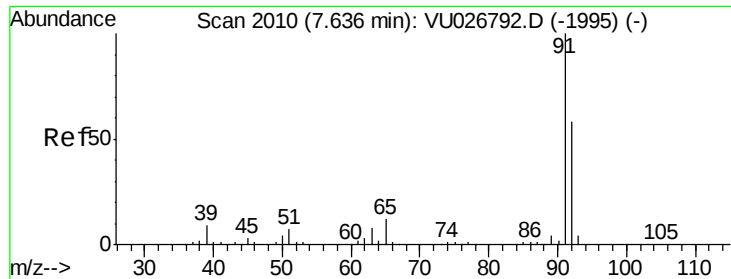
77 52.7 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU026810.D (-1804) (-)

Ion 77.05 (76.75 to 77.75): VU026810.D (-1804) (-)





#42

Toluene

Concen: 0.031 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026810.D

Acq: 16 Sep 2018 06:06

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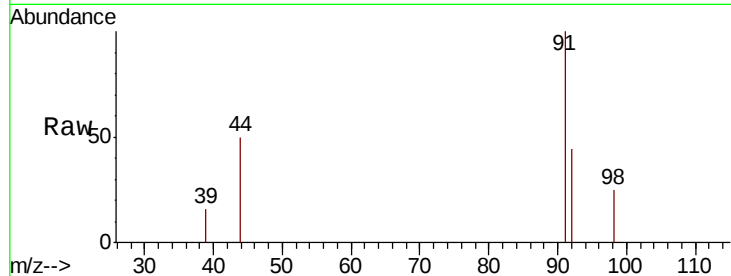
C0KY7

Tgt Ion: 91 Resp: 1180

Ion Ratio Lower Upper

91 100

92 44.2 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

800

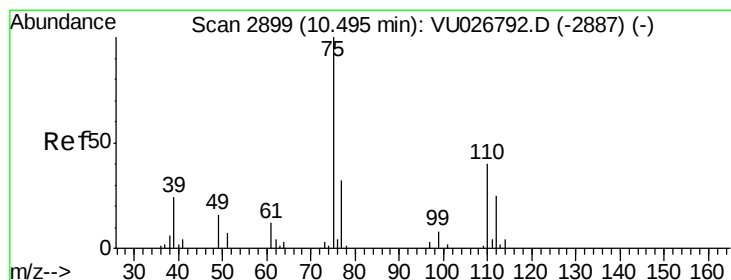
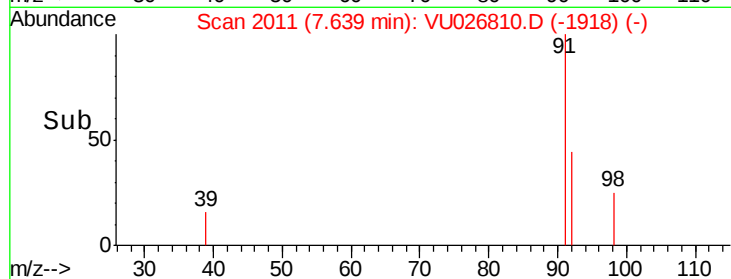
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.780 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026810.D

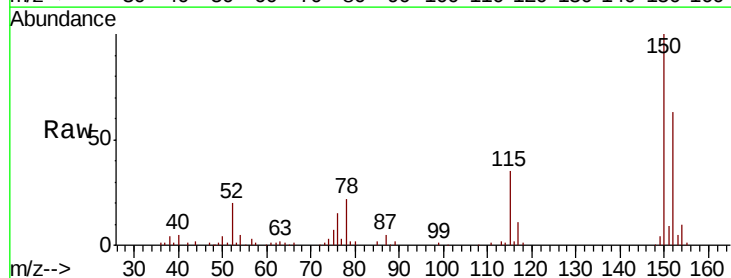
Acq: 16 Sep 2018 06:06

Tgt Ion: 75 Resp: 4519

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

3000

2500

2000

1500

1000

500

0

Time-->

