

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
 Data File : VU026730.D
 Acq On : 13 Sep 2018 17:07
 Operator : MD/SY
 Sample : J4893-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08T4

Quant Time: Sep 14 01:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	184058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62867	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.66%
7) Chloroethane-d5	1.68	69	49920	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	87080	35.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.96%
21) 2-Butanone-d5	4.18	46	81138	95.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	4.65	84	98675	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.31	65	66747	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
32) Benzene-d6	5.34	84	207501	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.33	67	69542	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.57	98	185619	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	7.85	79	30178	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.78%
47) 2-Hexanone-d5	8.31	63	56536	94.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89404	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	70323	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

Target Compounds

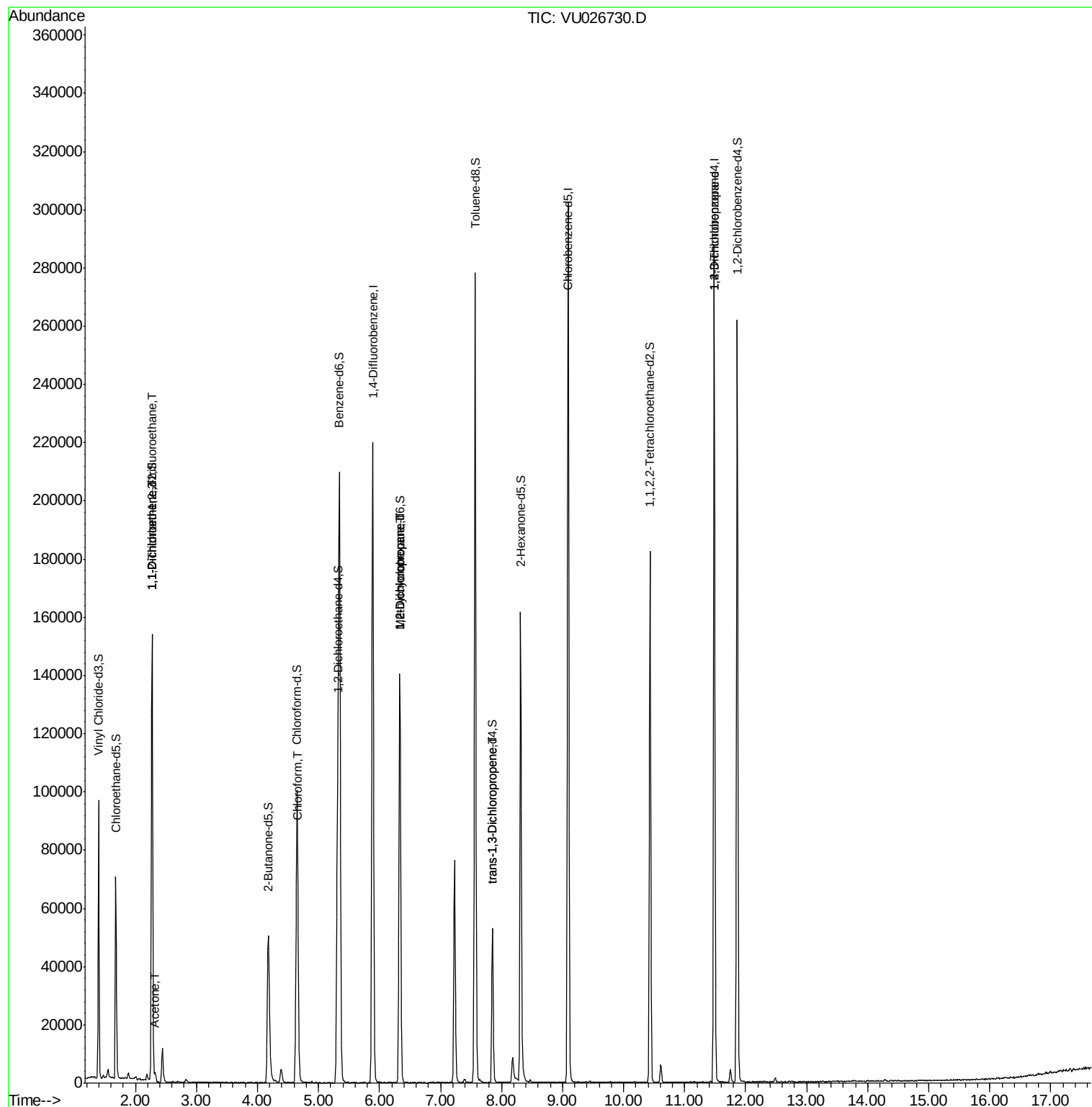
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	696	0.616 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	662	0.610 ug/L #	1
13) Acetone	2.32	43	2448	2.518 ug/L	88
25) Chloroform	4.67	83	2431	1.084 ug/L	82
35) Methylcyclohexane	6.33	83	15793	8.419 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7534	5.719 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1284	0.708 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	8479	5.440 ug/L #	88

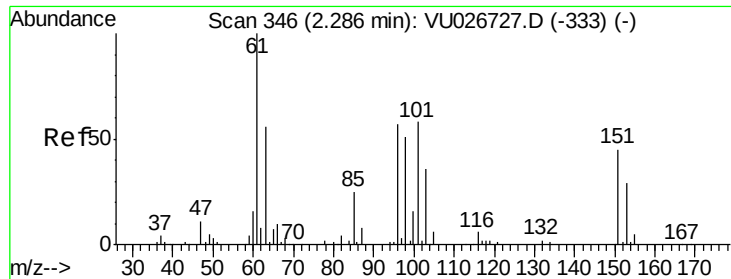
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.616 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026730.D

Acq: 13 Sep 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

C08T4

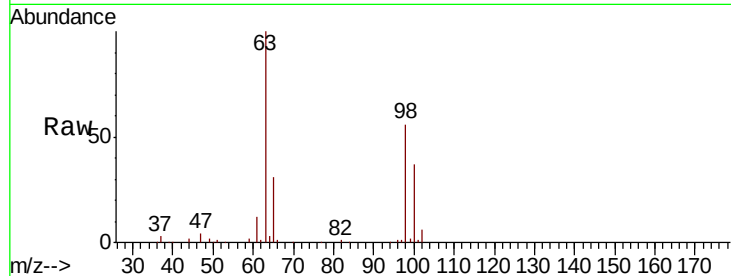
Tgt Ion:101 Resp: 696

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 62.6 94.0#



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

2.27

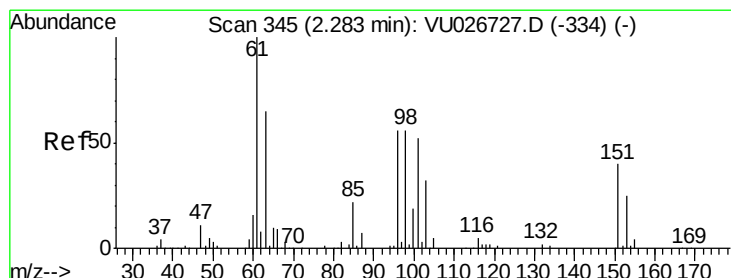
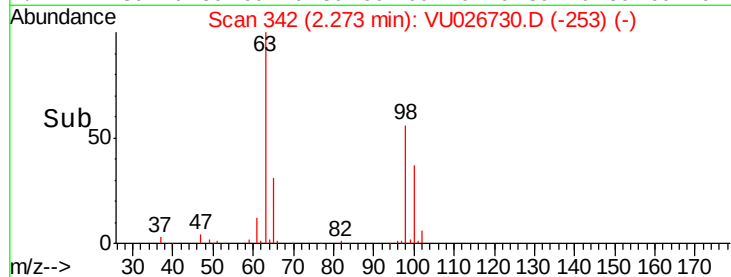
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026730.D

Acq: 13 Sep 2018 17:07

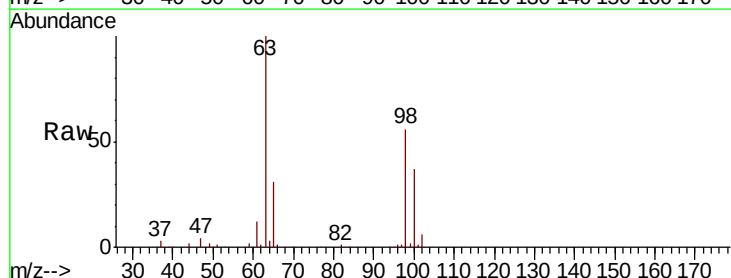
Tgt Ion: 96 Resp: 662

Ion Ratio Lower Upper

96 100

61 1588.1 121.0 224.8#

63 13525.1 89.9 166.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

80000

60000

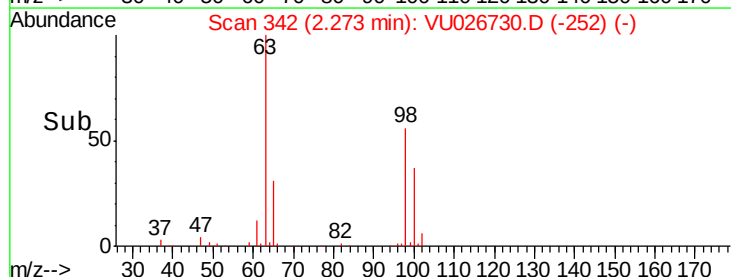
40000

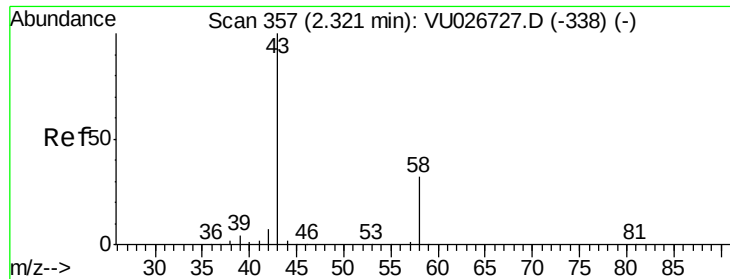
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 2.518 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026730.D

Acq: 13 Sep 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

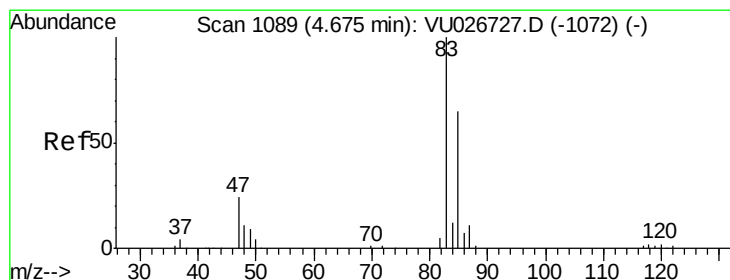
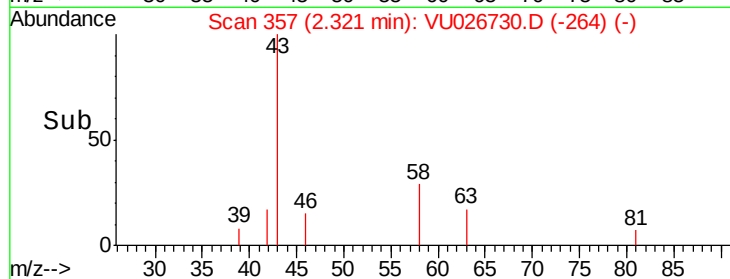
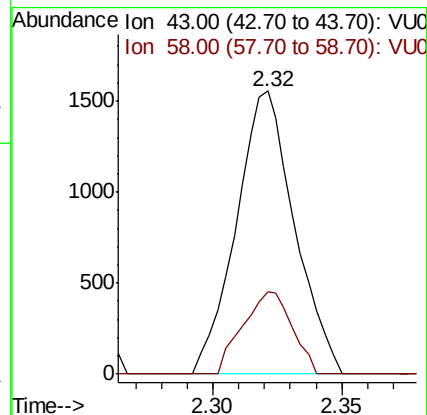
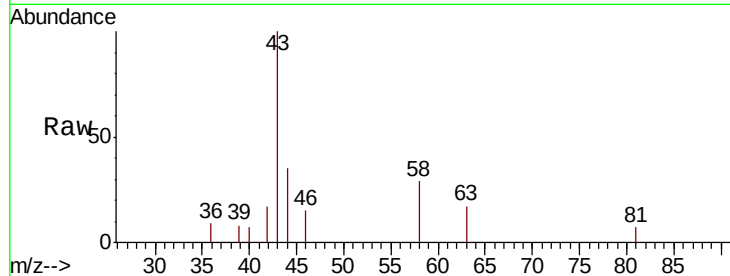
C08T4

Tgt Ion: 43 Resp: 2448

Ion Ratio Lower Upper

43 100

58 24.7 0.0 62.8



#25

Chloroform

Concen: 1.084 ug/L

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU026730.D

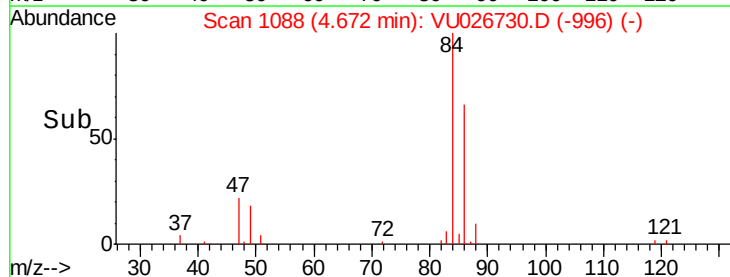
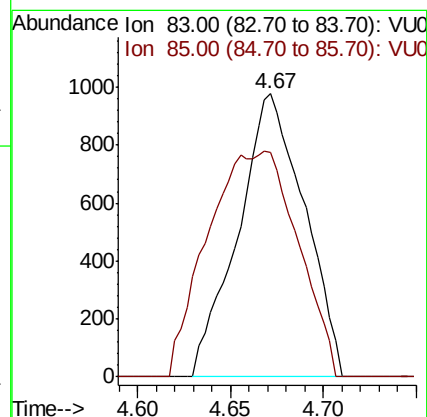
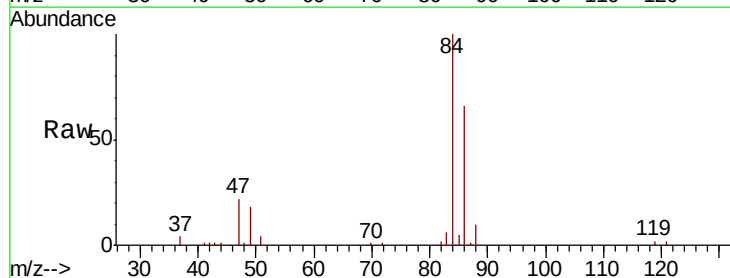
Acq: 13 Sep 2018 17:07

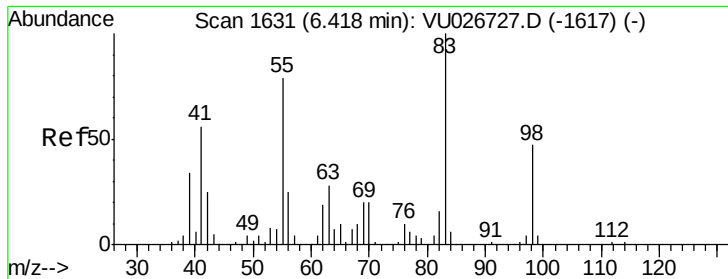
Tgt Ion: 83 Resp: 2431

Ion Ratio Lower Upper

83 100

85 79.3 45.6 84.6

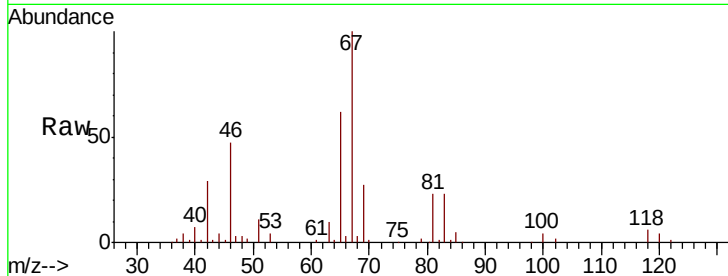




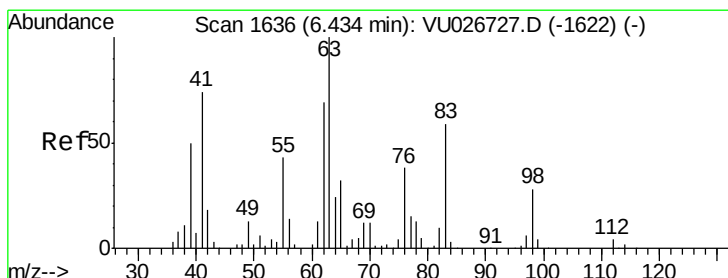
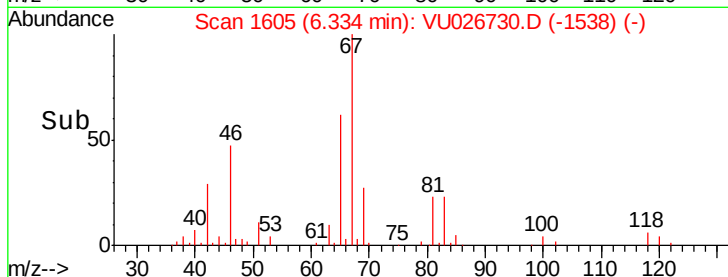
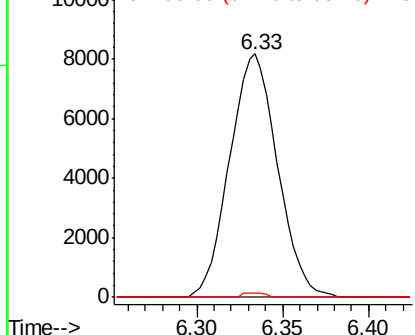
#35
Methylcyclohexane
Concen: 8.419 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026730.D
Acq: 13 Sep 2018 17:07

Instrument :
MSVOA_U
ClientSampleId :
C08T4

Tgt Ion: 83 Resp: 15793
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.8 37.0 55.4#

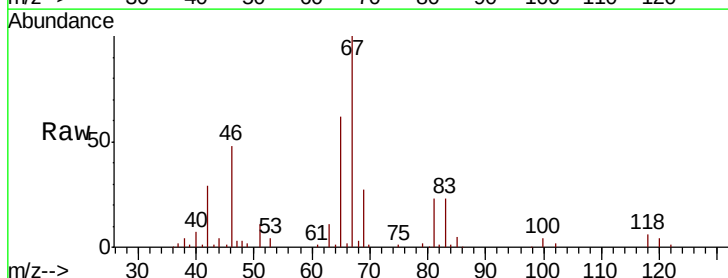


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

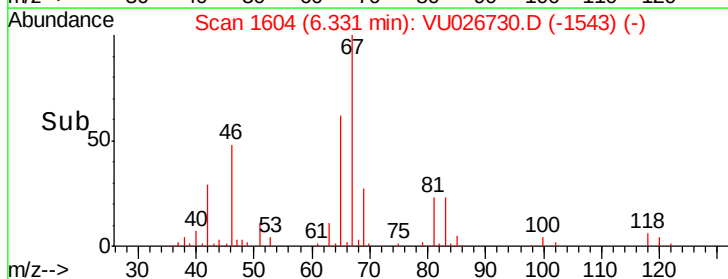
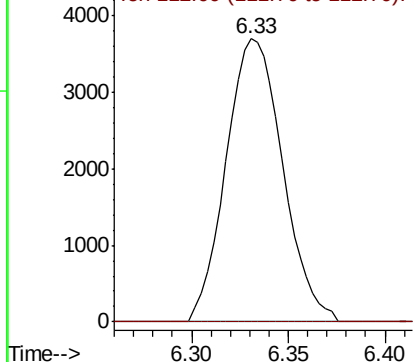


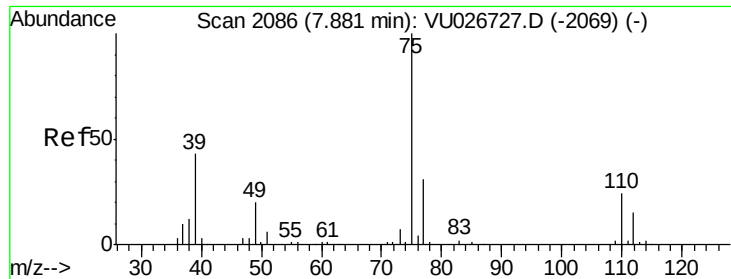
#37
1,2-Dichloropropane
Concen: 5.719 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026730.D
Acq: 13 Sep 2018 17:07

Tgt Ion: 63 Resp: 7534
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026730.D

Acq: 13 Sep 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

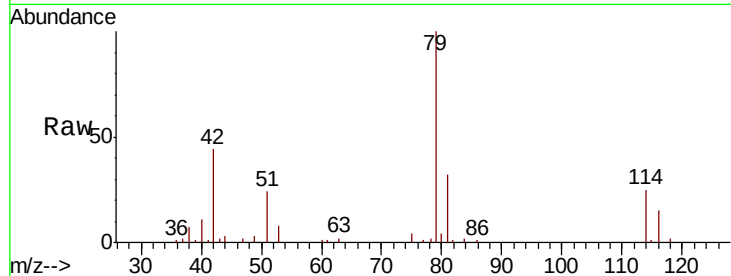
C08T4

Tgt Ion: 75 Resp: 1284

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

800

600

400

200

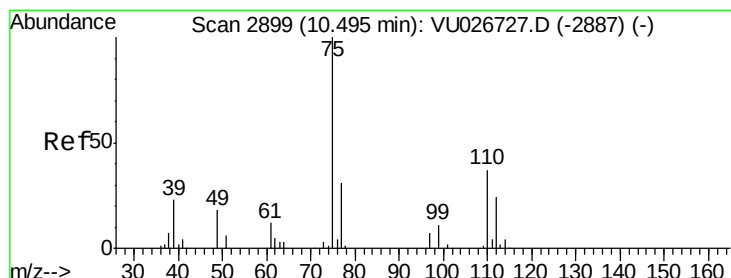
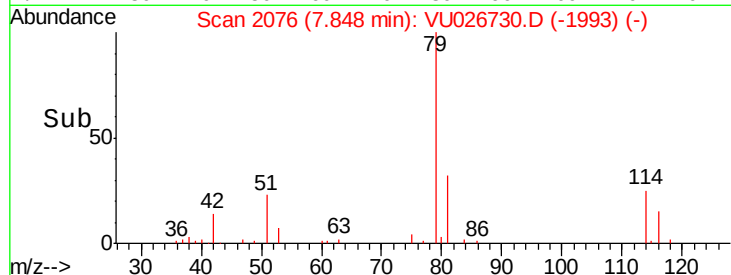
0

7.80

7.85

7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.440 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026730.D

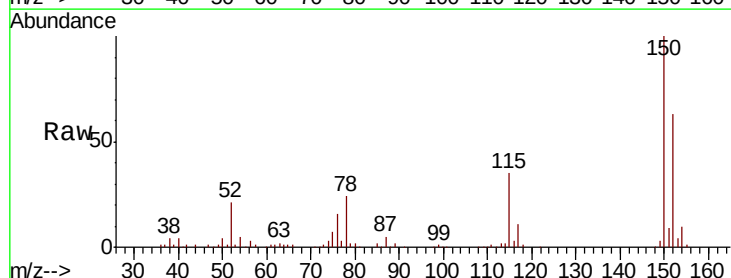
Acq: 13 Sep 2018 17:07

Tgt Ion: 75 Resp: 8479

Ion Ratio Lower Upper

75 100

77 38.9 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

6000

5000

4000

3000

2000

1000

0

11.45

11.50

Time-->

