

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
 Data File : VU026731.D
 Acq On : 13 Sep 2018 17:30
 Operator : MD/SY
 Sample : J4893-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K0

Quant Time: Sep 14 01:22:14 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	174457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62705	48.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.46%
7) Chloroethane-d5	1.68	69	50116	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.27	63	86512	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	4.18	46	81909	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.65	84	100861	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.31	65	67085	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.34	84	208052	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
36) 1,2-Dichloropropane-d6	6.33	67	69971	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.57	98	185155	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.85	79	30362	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.31	63	59683	104.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91136	47.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	68572	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

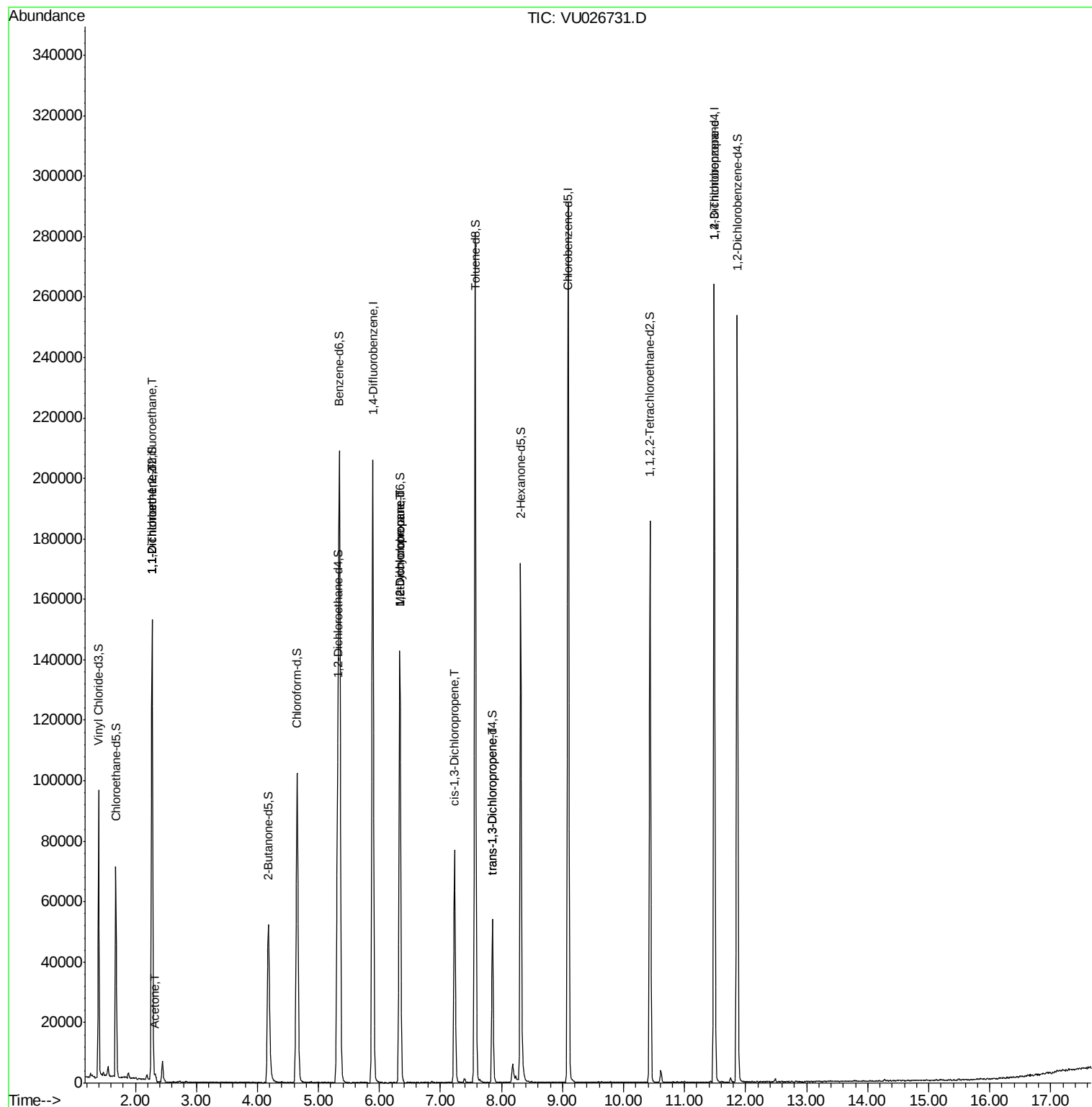
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	707	0.660 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	688	0.669 ug/L #	1
13) Acetone	2.32	43	1496	1.624 ug/L	84
35) Methylcyclohexane	6.33	83	15627	8.719 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7292	5.794 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1766	0.948 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1190	0.687 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	7948	5.337 ug/L #	88

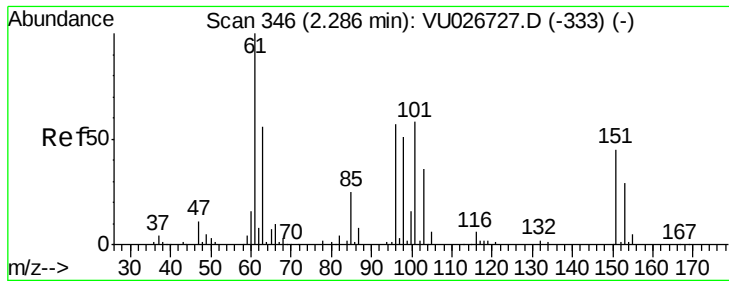
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.660 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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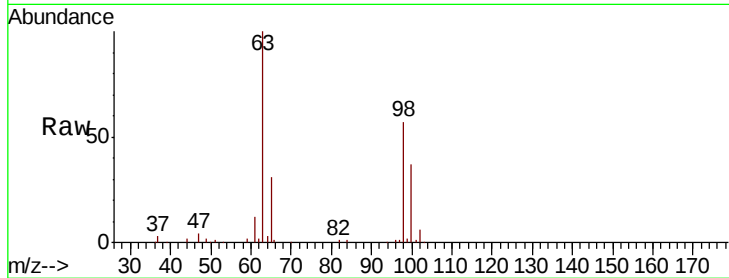
Tgt Ion: 101 Resp: 707

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

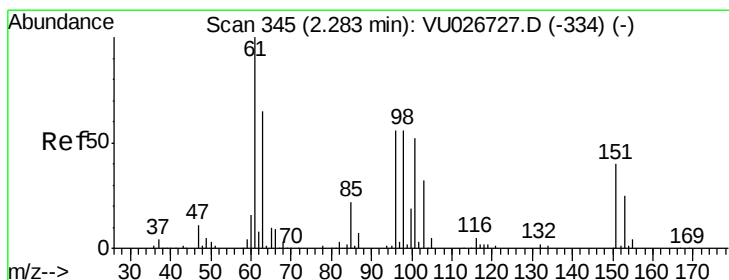
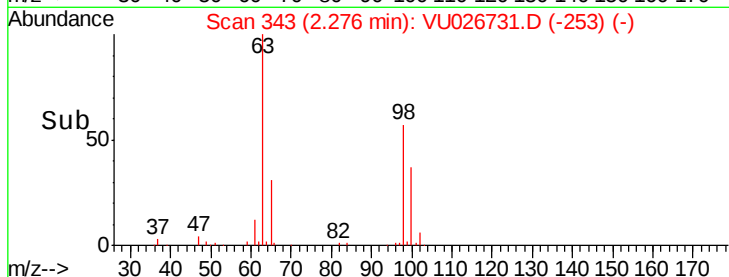
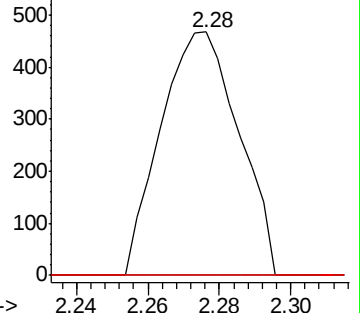
151 0.0 62.6 94.0#



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



#12

1,1-Dichloroethene

Concen: 0.669 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026731.D

Acq: 13 Sep 2018 17:30

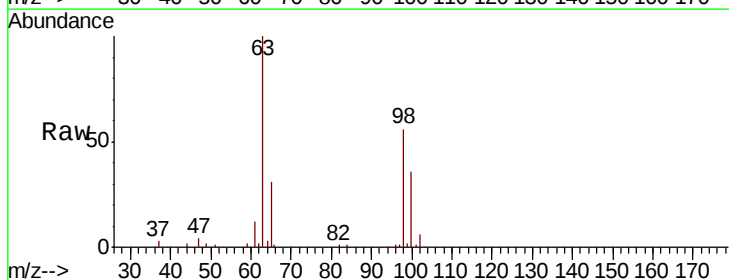
Tgt Ion: 96 Resp: 688

Ion Ratio Lower Upper

96 100

61 1448.4 121.0 224.8#

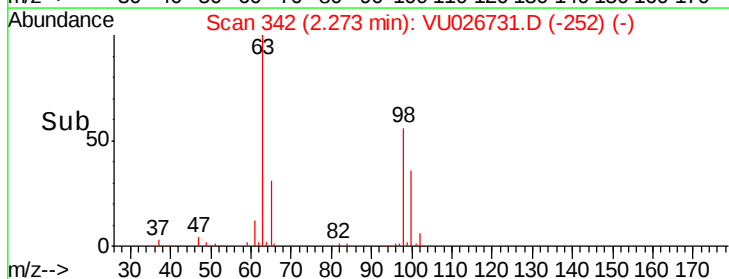
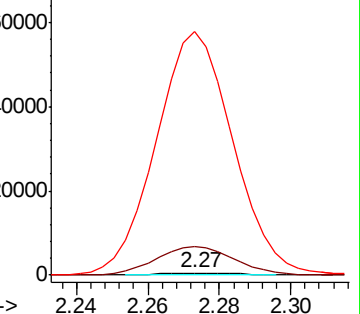
63 12590.8 89.9 166.9#

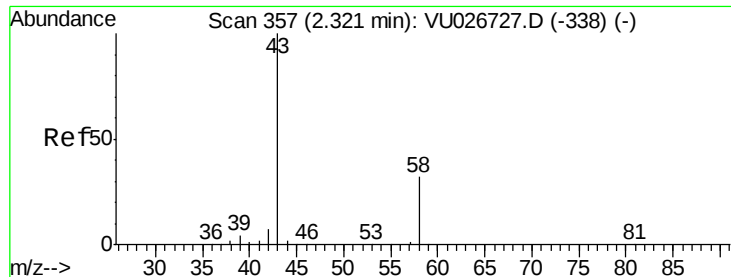


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.624 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026731.D

Acq: 13 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

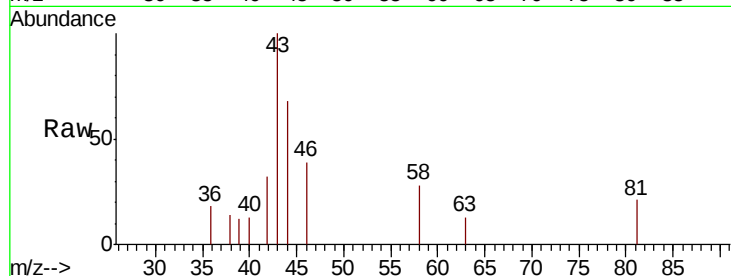
C08K0

Tgt Ion: 43 Resp: 1496

Ion Ratio Lower Upper

43 100

58 22.5 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

800

600

400

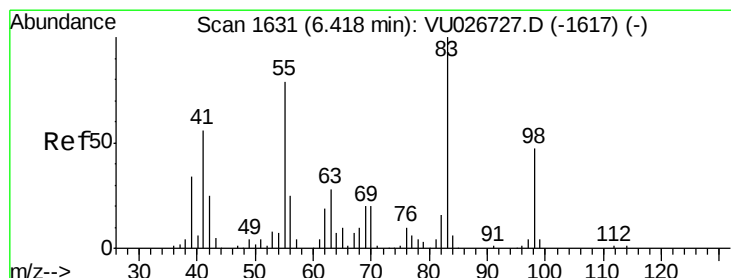
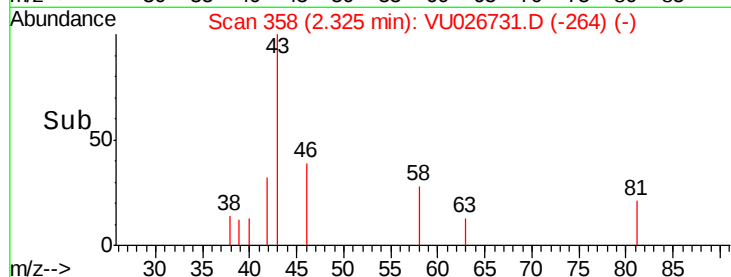
200

0

Time-->

2.30

2.35



#35

Methylcyclohexane

Concen: 8.719 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026731.D

Acq: 13 Sep 2018 17:30

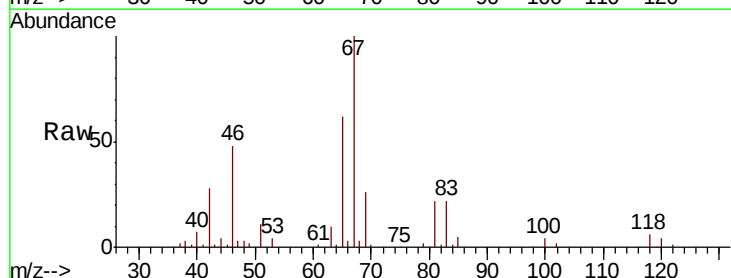
Tgt Ion: 83 Resp: 15627

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

98 0.3 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

10000

8000

6000

4000

2000

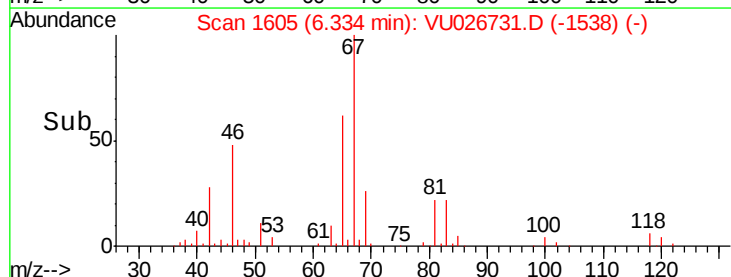
0

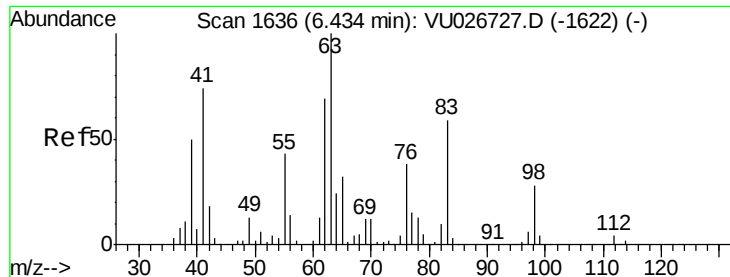
Time-->

6.30

6.35

6.40





#37

1,2-Dichloropropane

Concen: 5.794 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026731.D

Acq: 13 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

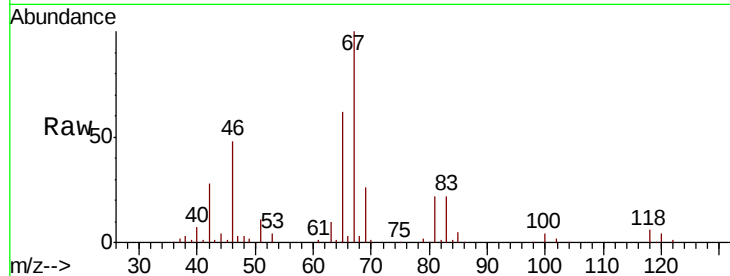
C08K0

Tgt Ion: 63 Resp: 7292

Ion Ratio Lower Upper

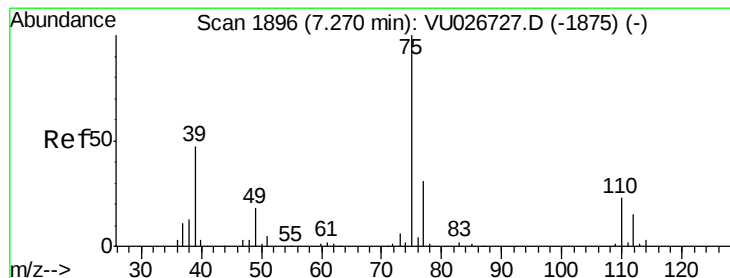
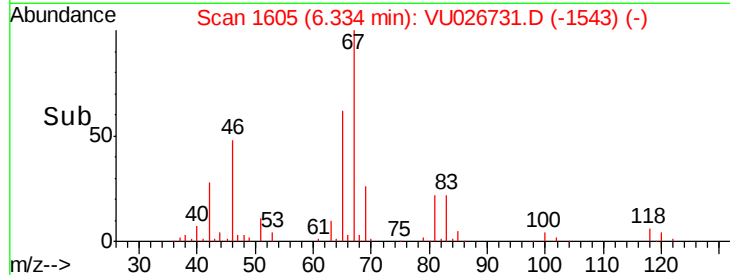
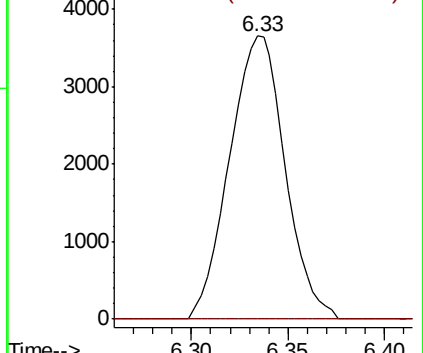
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU026727.D (-1622) (-)

Ion 112.00 (111.70 to 112.70): VU026727.D (-1622) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.948 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU026731.D

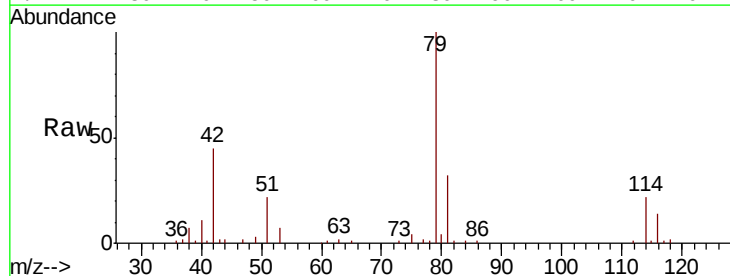
Acq: 13 Sep 2018 17:30

Tgt Ion: 75 Resp: 1766

Ion Ratio Lower Upper

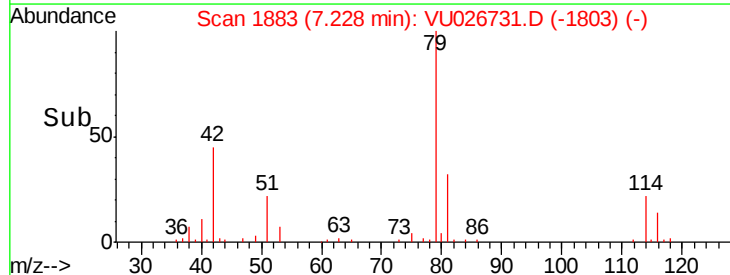
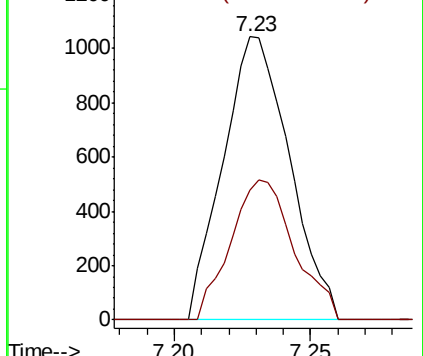
75 100

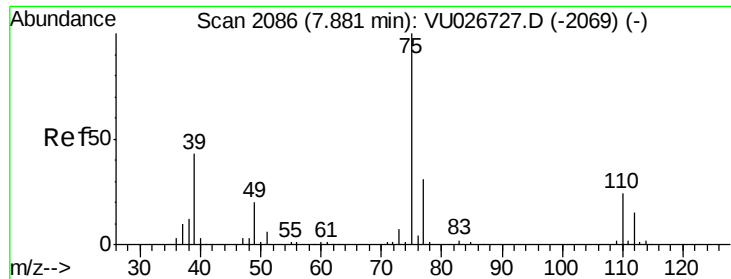
77 46.0 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU026727.D (-1875) (-)

Ion 77.00 (76.70 to 77.70): VU026727.D (-1875) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026731.D

Acq: 13 Sep 2018 17:30

Instrument :

MSVOA_U

ClientSampleId :

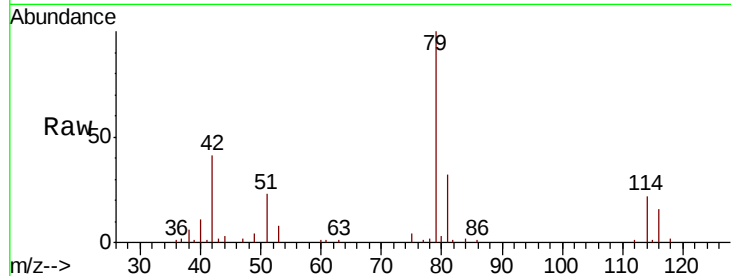
C08K0

Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

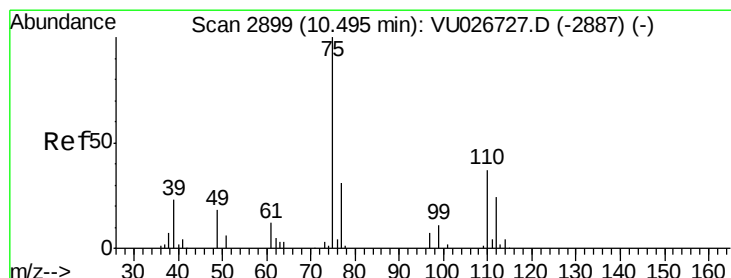
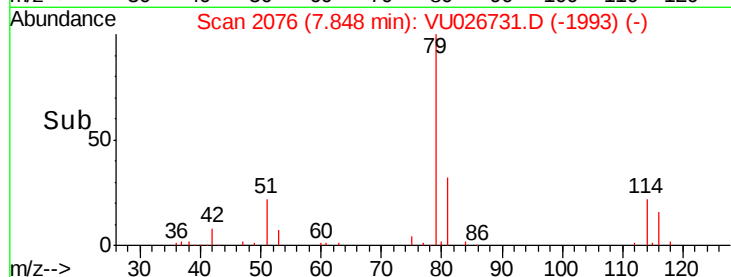
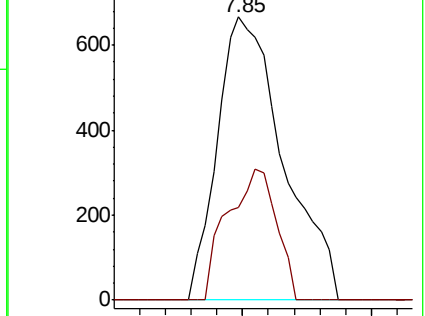
75 100

77 32.7 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.337 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026731.D

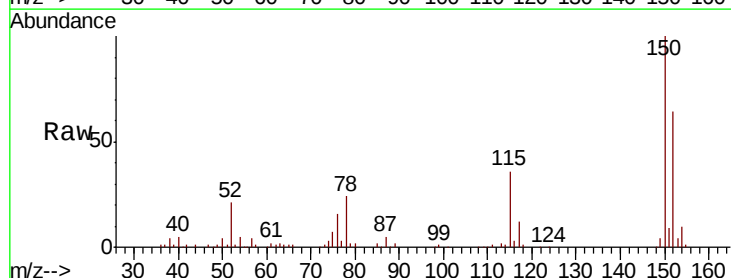
Acq: 13 Sep 2018 17:30

Tgt Ion: 75 Resp: 7948

Ion Ratio Lower Upper

75 100

77 39.0 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

