

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026799.D
 Acq On : 16 Sep 2018 00:30
 Operator : MD/SY
 Sample : J4918-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX6

Quant Time: Sep 17 07:14:40 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	113572	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	33210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42046	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	35424	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.28	63	58689	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.20	46	94008	49.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.65	84	71812	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.31	65	39036	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.34	84	146368	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.33	67	46654	5.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.20%
41) Toluene-d8	7.57	98	107651	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	13048	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.32	63	52962	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33636	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	37642	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

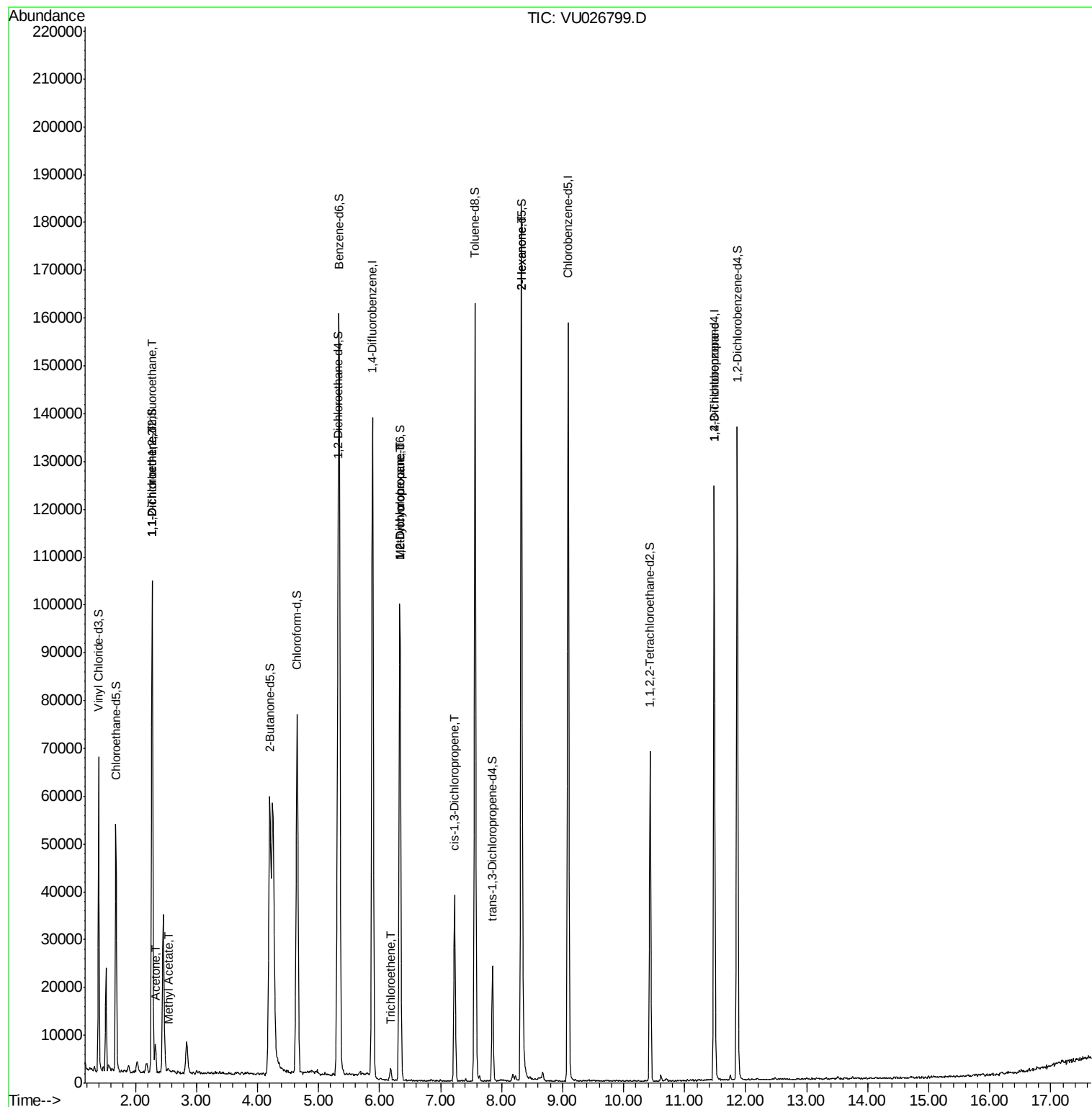
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	493	0.055	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	539	0.064	ug/L #	1
13) Acetone	2.32	43	5820	3.438	ug/L	95
15) Methyl Acetate	2.54	43	837	0.188	ug/L #	52
34) Trichloroethene	6.19	95	1070	0.127	ug/L	81
35) Methylcyclohexane	6.33	83	10837	0.789	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5031	0.572	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	901	0.076	ug/L #	60
48) 2-Hexanone	8.32	43	7819	2.133	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	3767	0.728	ug/L	91

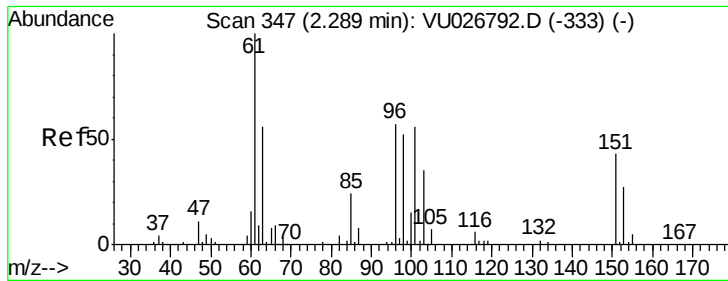
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.055 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

C0KX6

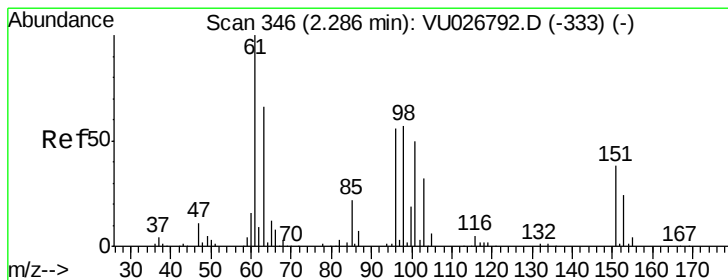
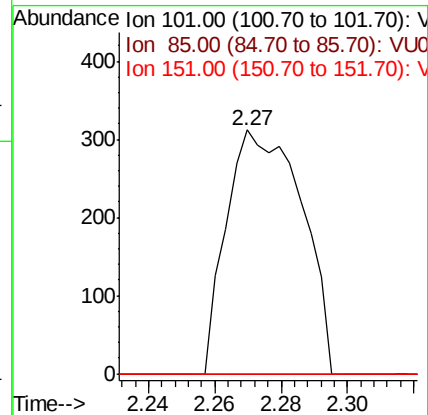
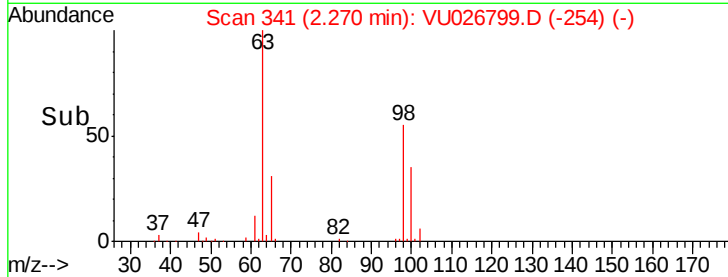
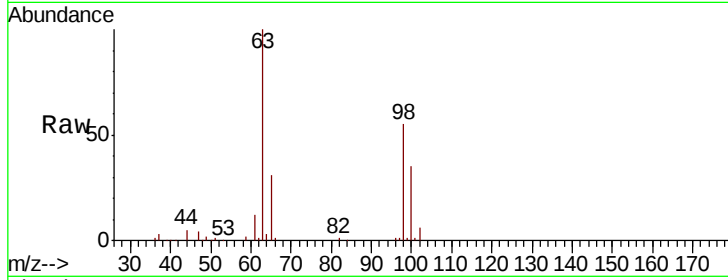
Tgt Ion: 101 Resp: 493

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: 0.064 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

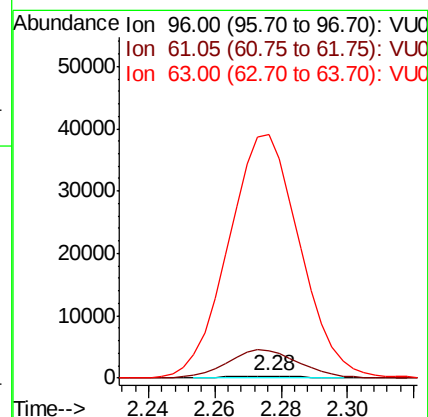
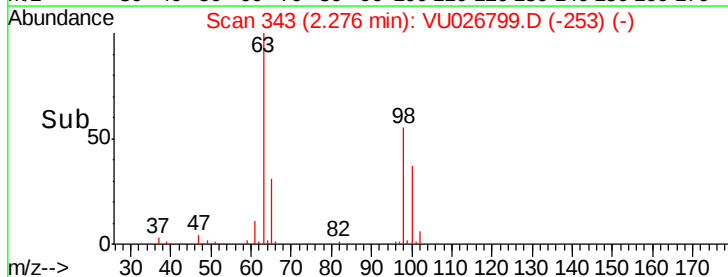
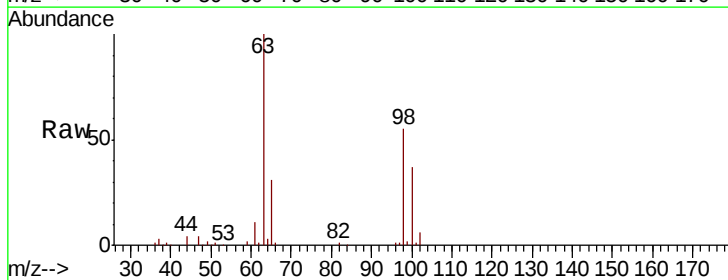
Tgt Ion: 96 Resp: 539

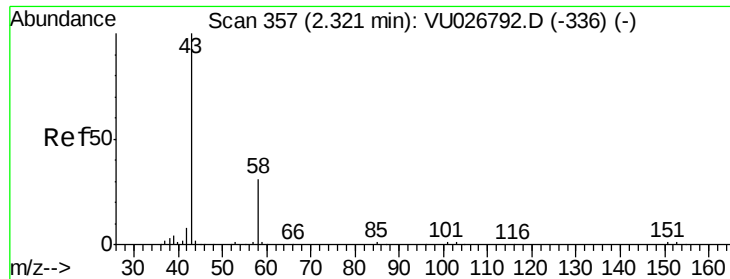
Ion Ratio Lower Upper

96 100

61 1205.7 126.6 235.2#

63 10555.7 91.3 169.5#





#13

Acetone

Concen: 3.438 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

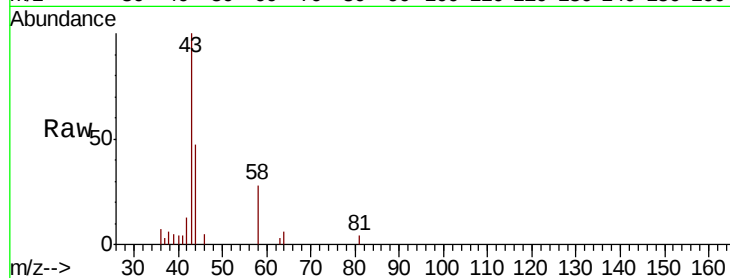
C0KX6

Tgt Ion: 43 Resp: 5820

Ion Ratio Lower Upper

43 100

58 28.6 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

3000

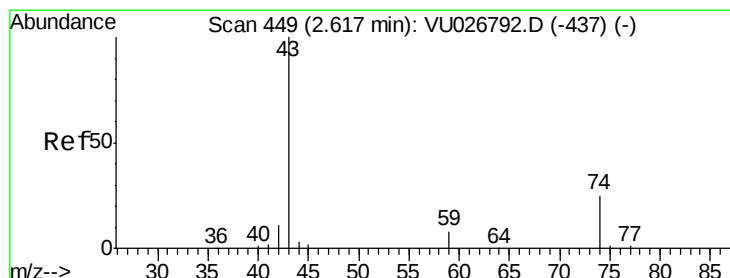
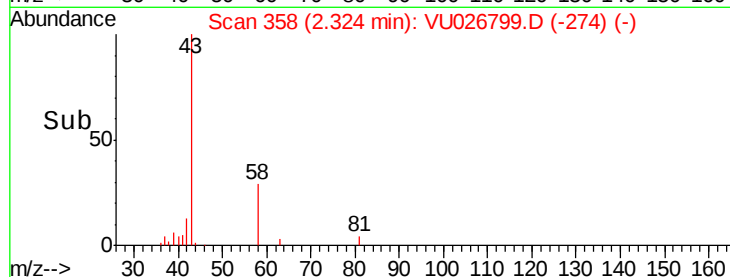
2000

1000

0

Time-->

2.30 2.35



#15

Methyl Acetate

Concen: 0.188 ug/L

RT: 2.54 min Scan# 425

Delta R.T. -0.09 min

Lab File: VU026799.D

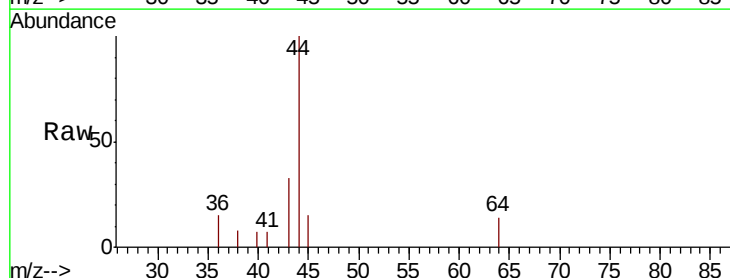
Acq: 16 Sep 2018 00:30

Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2000

1500

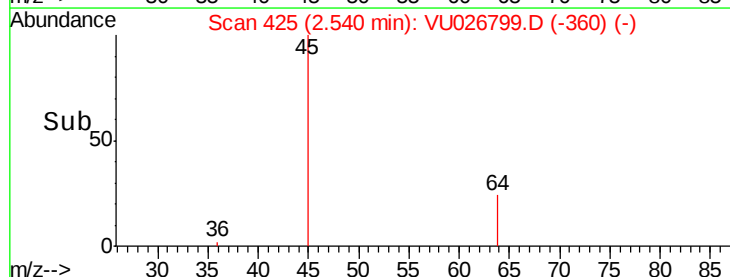
1000

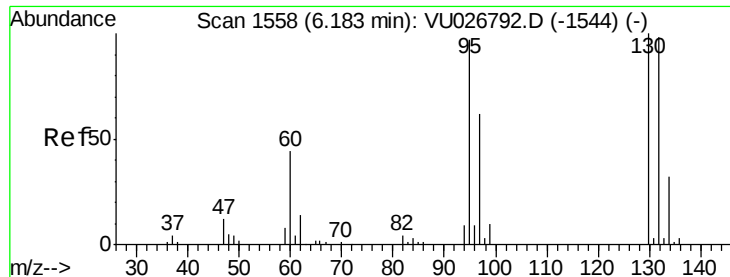
500

0

Time-->

2.50 2.55 2.60





#34

Trichloroethene

Concen: 0.127 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_U

ClientSampled :

C0KX6

Tgt Ion: 95 Resp: 1070

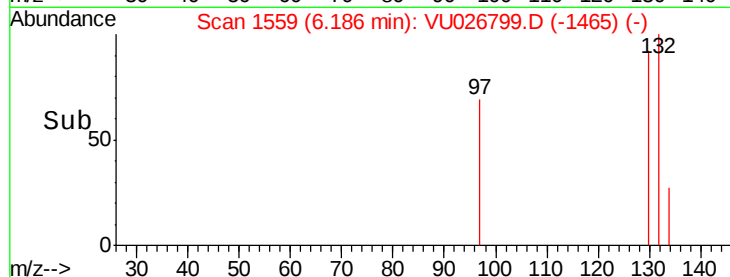
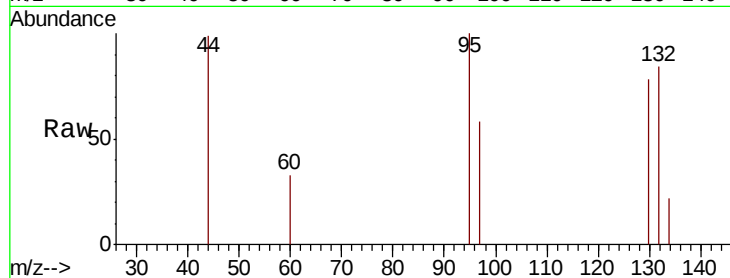
Ion Ratio Lower Upper

95 100

97 58.2 45.1 83.9

132 84.4 72.0 133.8

130 77.6 73.1 135.7

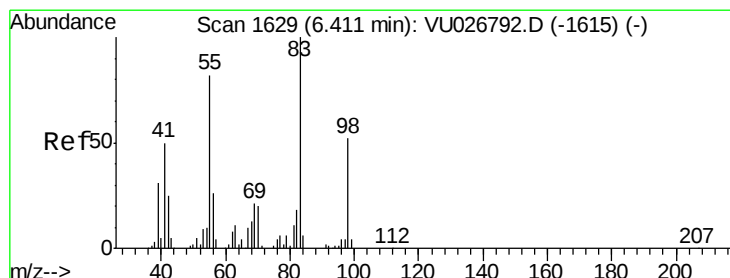
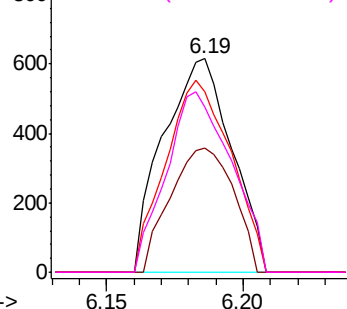


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.789 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

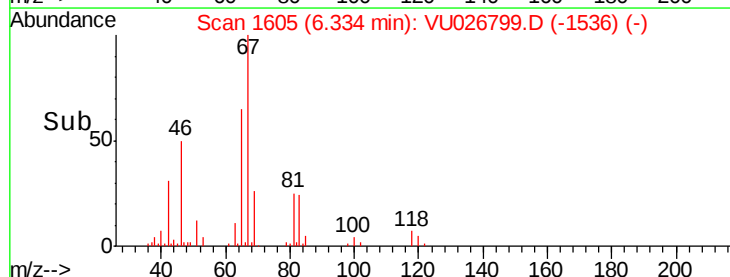
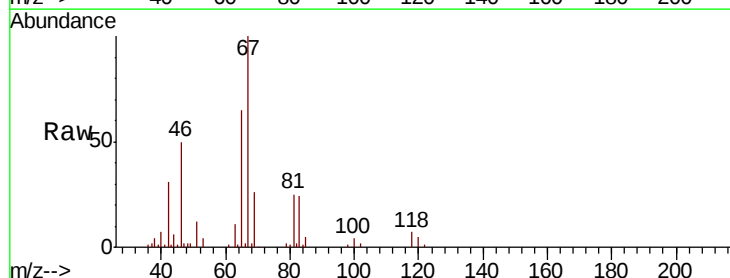
Tgt Ion: 83 Resp: 10837

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

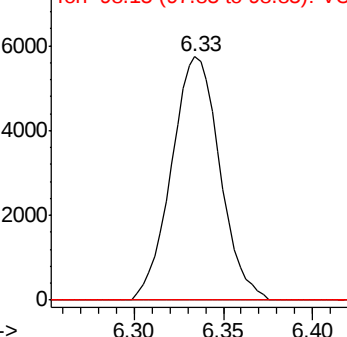
98 0.0 39.3 58.9#

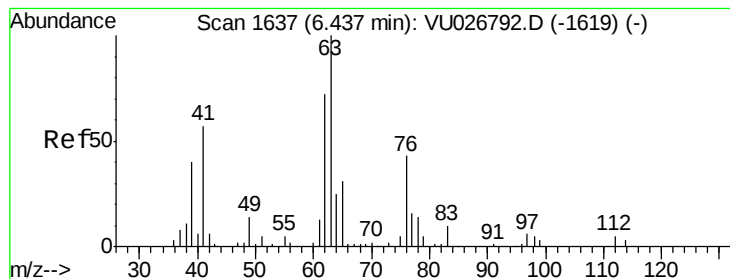


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026799.D

Acq: 16 Sep 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

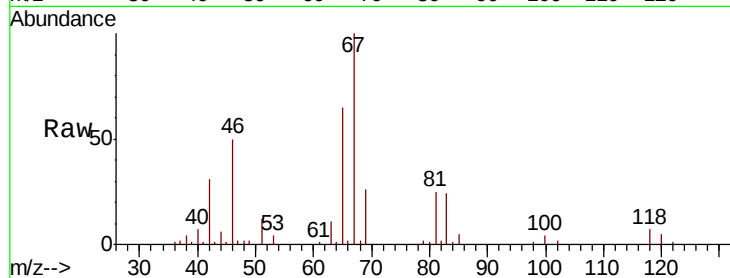
C0KX6

Tgt Ion: 63 Resp: 5031

Ion Ratio Lower Upper

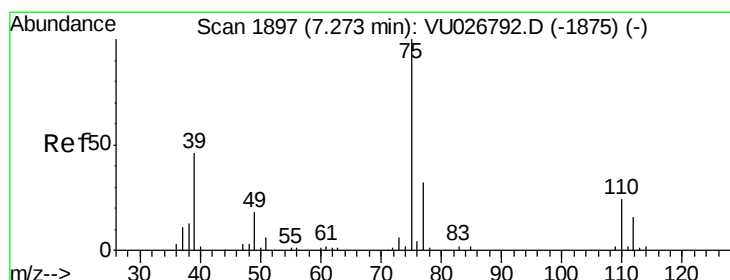
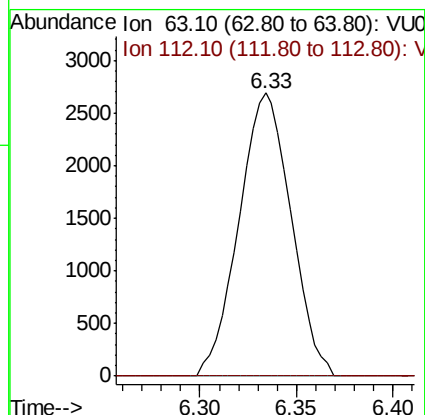
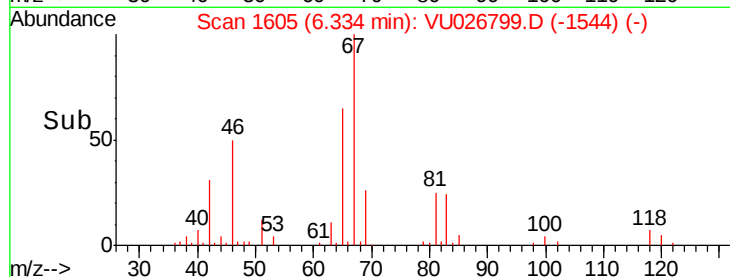
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU026799.D (-1544) (-)

Ion 112.10 (111.80 to 112.80): VU026799.D (-1544) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026799.D

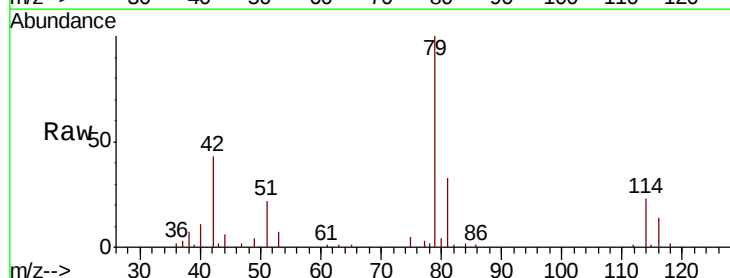
Acq: 16 Sep 2018 00:30

Tgt Ion: 75 Resp: 901

Ion Ratio Lower Upper

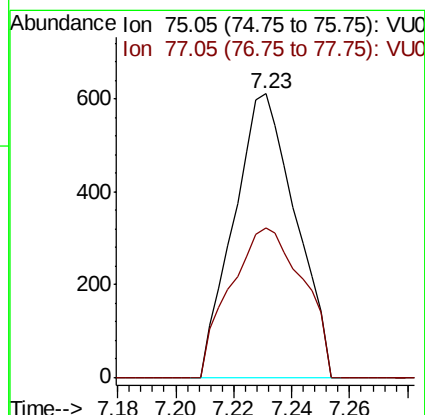
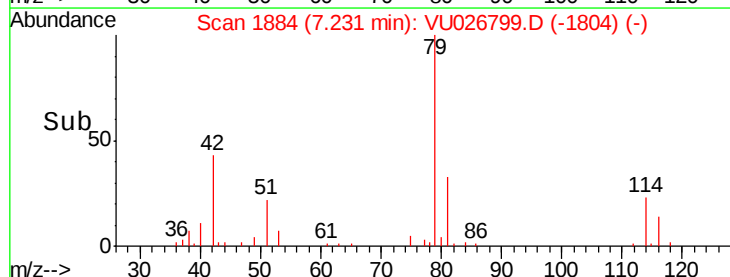
75 100

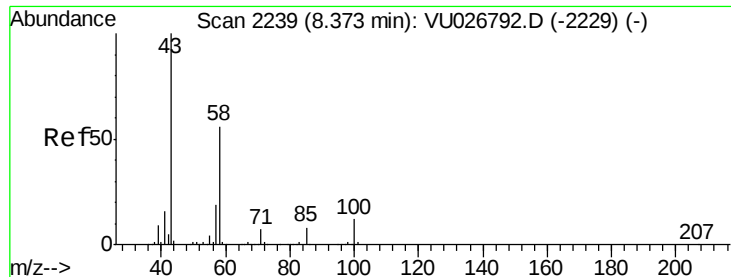
77 52.9 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU026799.D (-1804) (-)

Ion 77.05 (76.75 to 77.75): VU026799.D (-1804) (-)

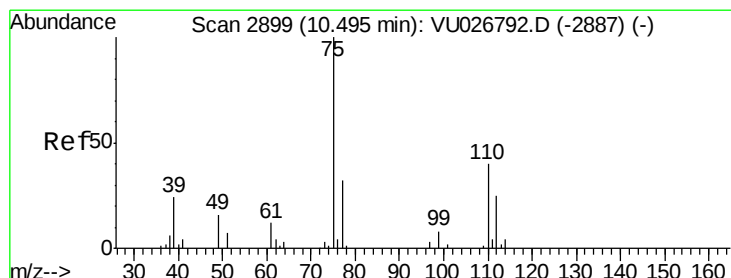
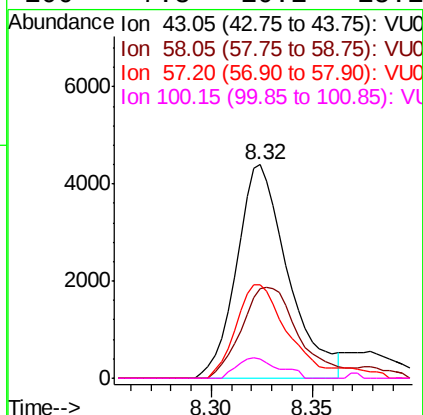
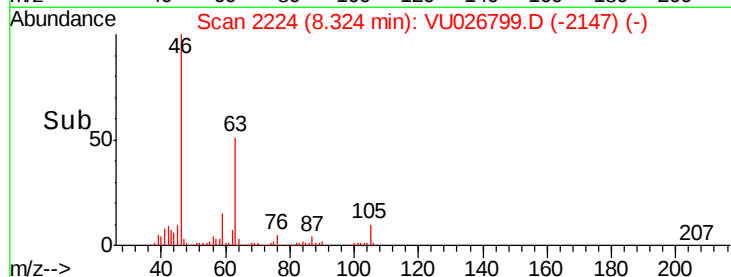
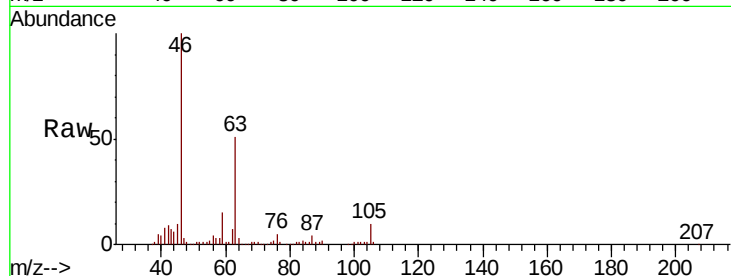




#48
 2-Hexanone
 Concen: 2.133 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026799.D
 Acq: 16 Sep 2018 00:30

Instrument :
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 ClientSampleId :
 C0KX6

Tgt Ion:	43	Resp:	7819
Ion	Ratio	Lower	Upper
43	100		
58	47.6	43.7	65.5
57	47.0	15.2	22.8#
100	7.8	10.1	15.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.728 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026799.D
 Acq: 16 Sep 2018 00:30

Tgt Ion:	75	Resp:	3767
Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.9	38.9

