

Data File : VU026753.D
Acq On : 14 Sep 2018 10:02
Operator : MD/SY
Sample : VU0915WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: Sep 15 07:00:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51983	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	44448	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.27	63	74125	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.18	46	77803	104.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.65	84	93593	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.31	65	63818	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.34	84	187109	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.33	67	64839	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.57	98	163878	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	7.85	79	27799	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.22%
47) 2-Hexanone-d5	8.31	63	52563	96.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85344	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	64519	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%

Target Compounds

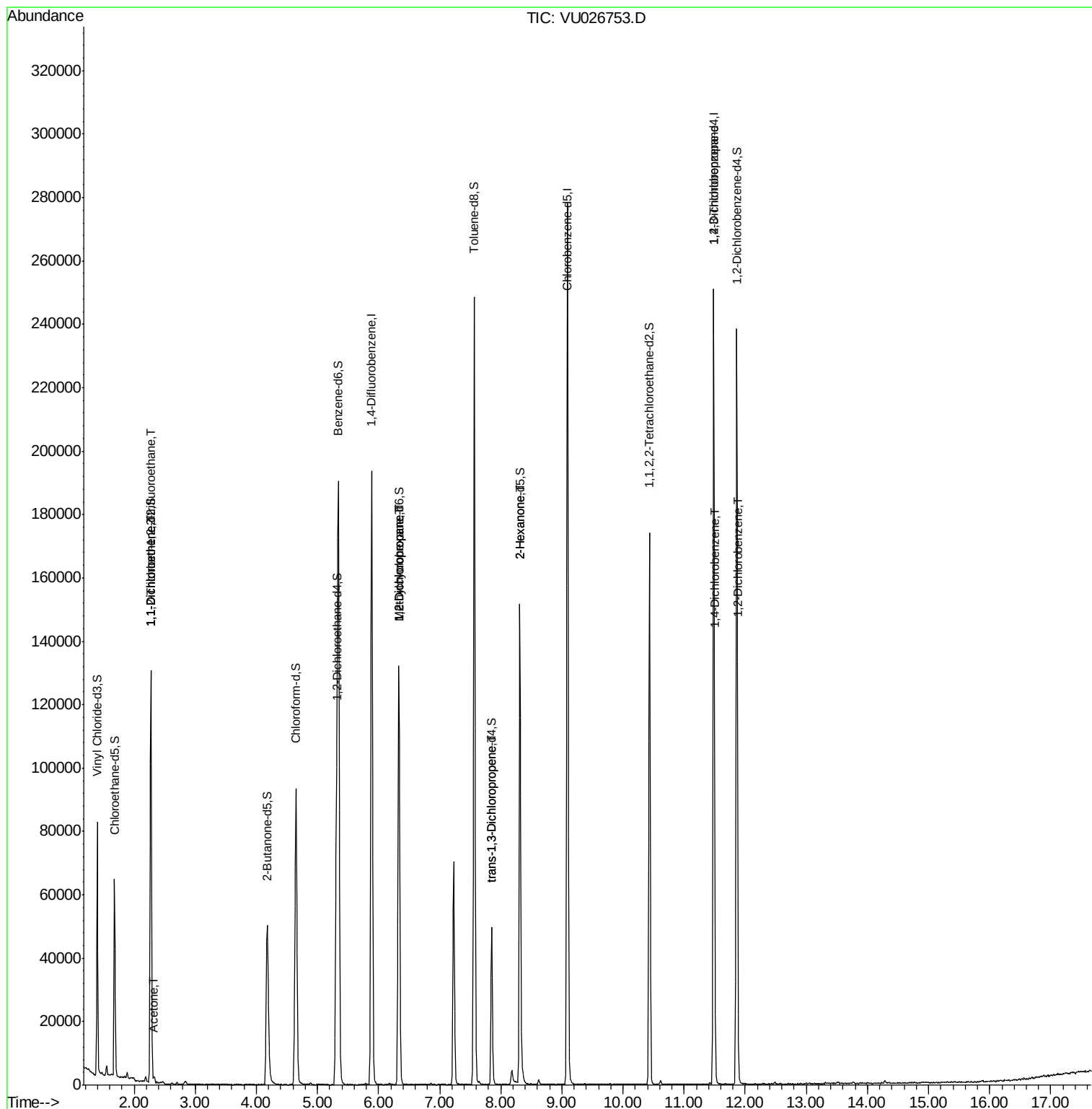
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	700	0.708 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	598	0.630 ug/L #	1
13) Acetone	2.32	43	825	0.971 ug/L	69
35) Methylcyclohexane	6.33	83	14329	8.334 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6951	5.758 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1206	0.726 ug/L	93
48) 2-Hexanone	8.31	43	6183	4.756 ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	7723	5.407 ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	1817	0.900 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	1673	0.830 ug/L #	85

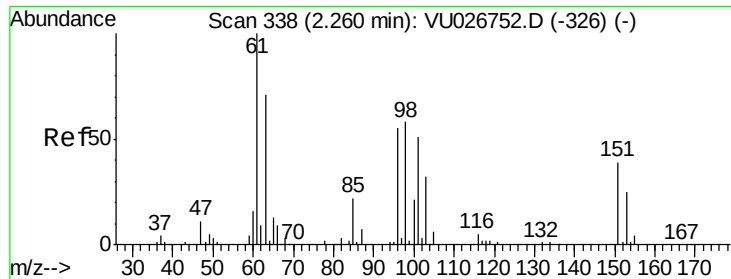
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.708 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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VBLK57

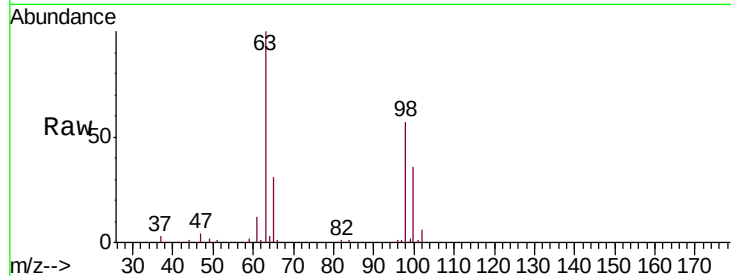
Tgt Ion: 101 Resp: 700

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

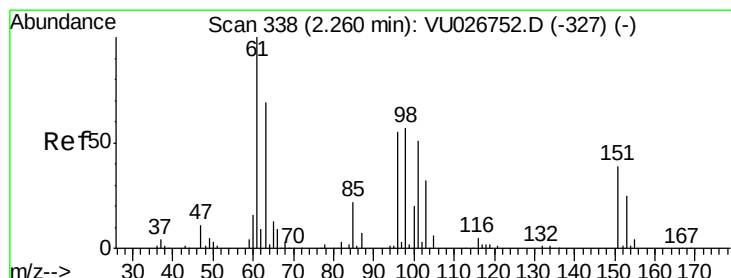
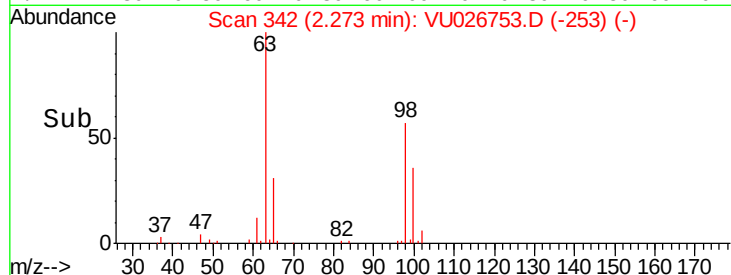
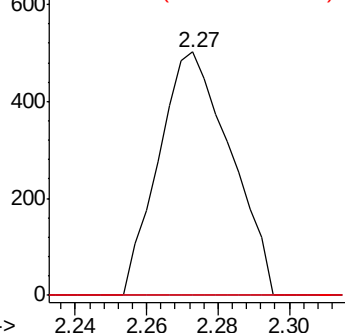
151 0.0 62.6 94.0#



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: 0.630 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026753.D

Acq: 14 Sep 2018 10:02

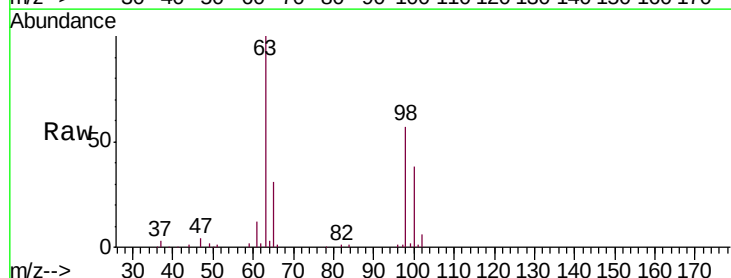
Tgt Ion: 96 Resp: 598

Ion Ratio Lower Upper

96 100

61 1407.6 121.0 224.8#

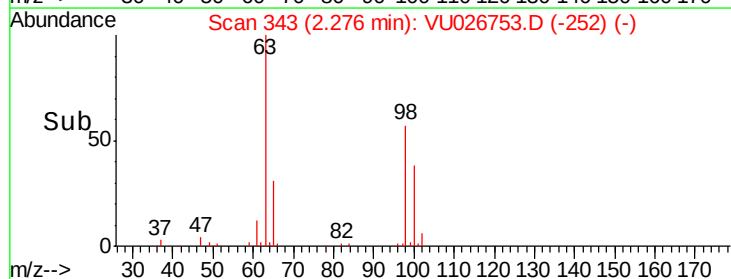
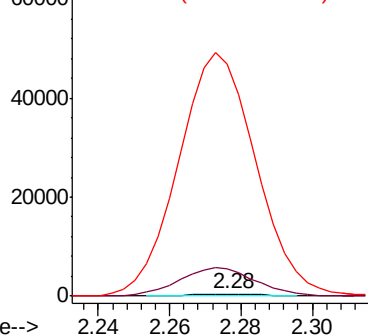
63 11928.9 89.9 166.9#

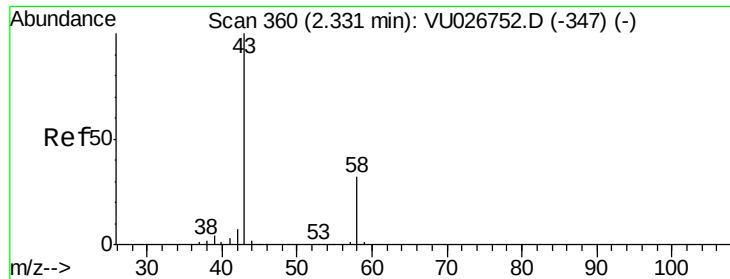


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.971 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

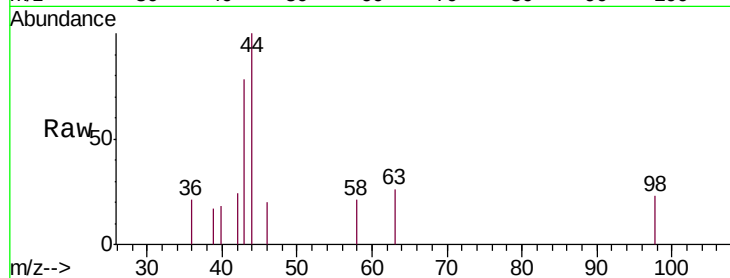
VBLK57

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

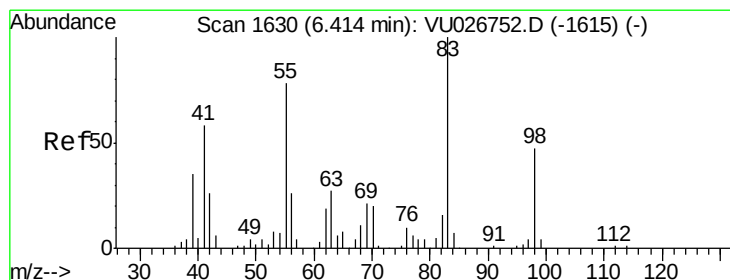
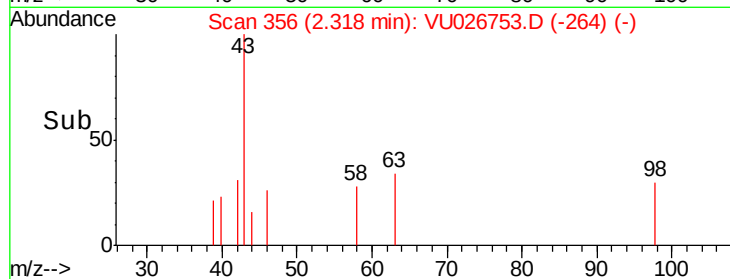
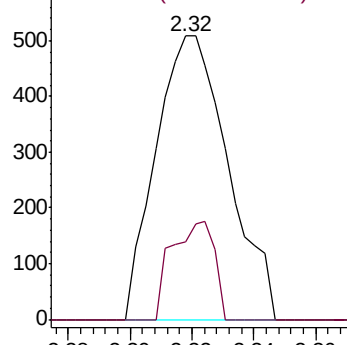
43 100

58 14.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.334 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026753.D

Acq: 14 Sep 2018 10:02

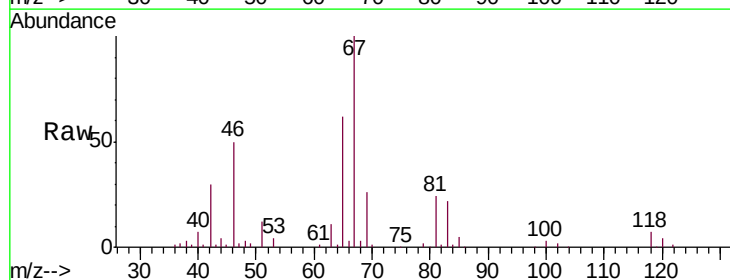
Tgt Ion: 83 Resp: 14329

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

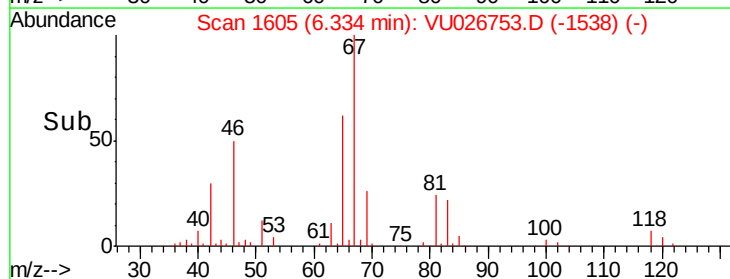
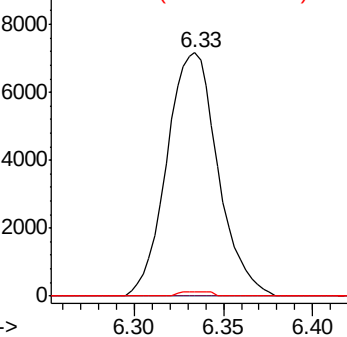
98 0.6 37.0 55.4#

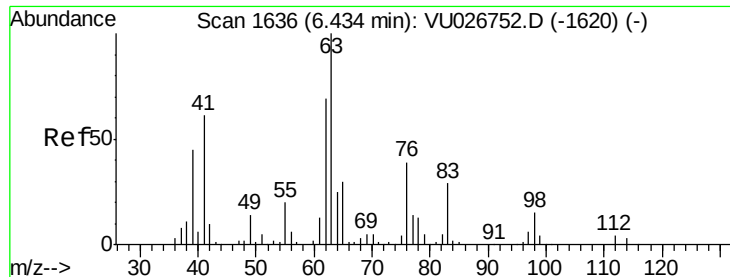


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

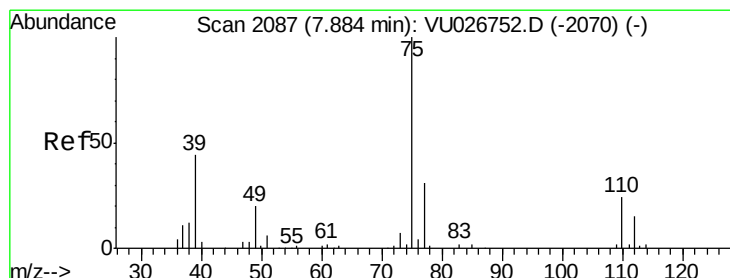
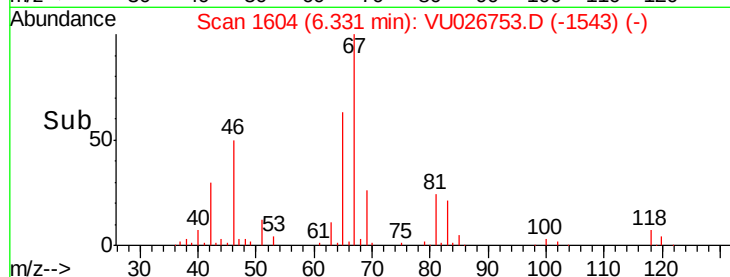
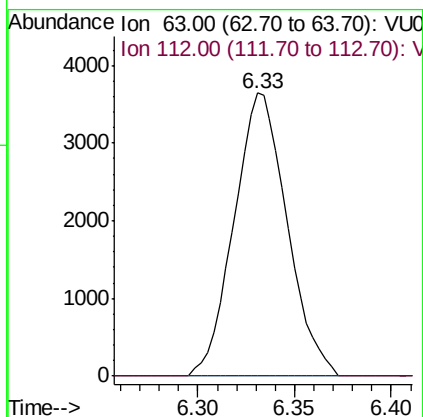
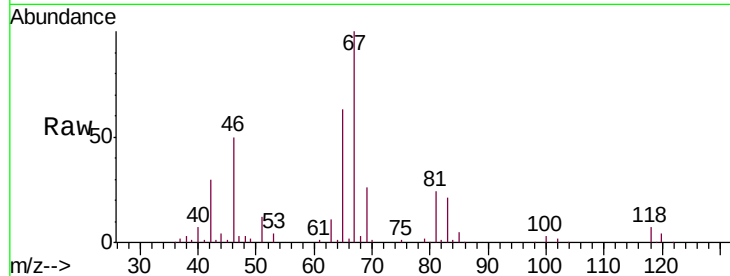




#37
 1,2-Dichloropropane
 Concen: 5.758 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

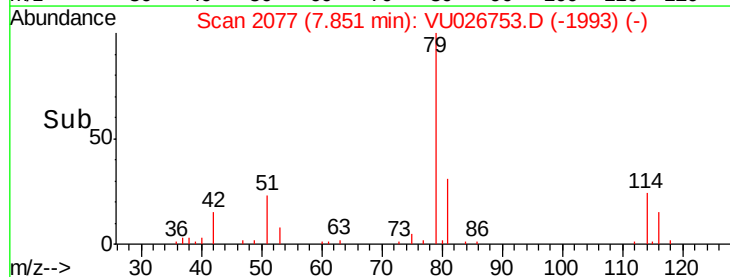
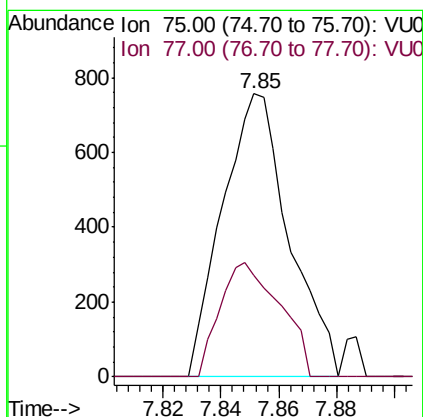
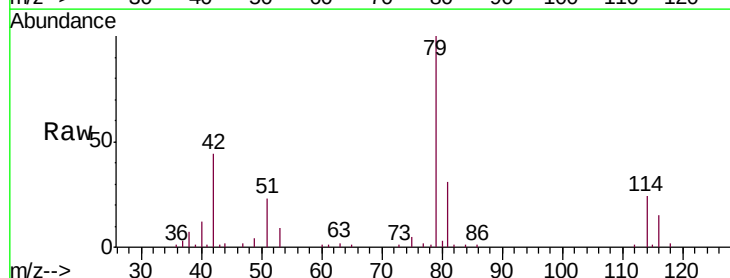
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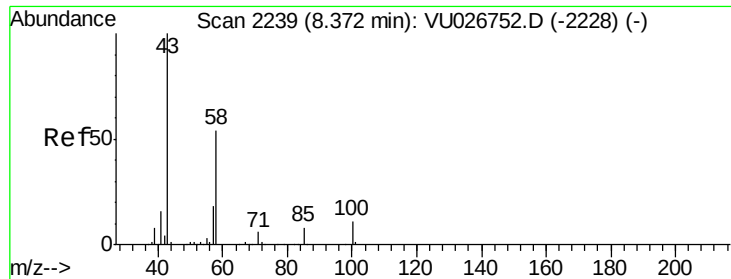
Tgt Ion: 63 Resp: 6951
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.726 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

Tgt Ion: 75 Resp: 1206
 Ion Ratio Lower Upper
 75 100
 77 36.1 22.4 41.6

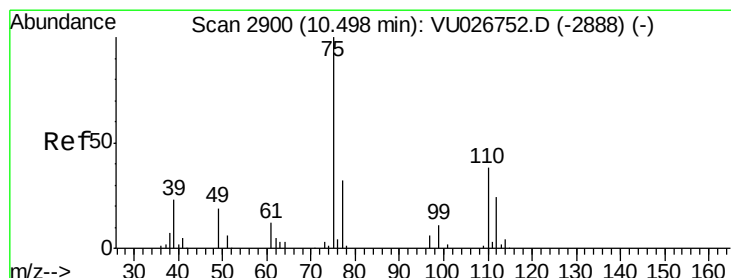
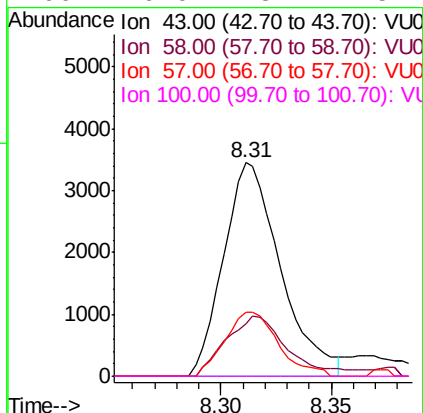
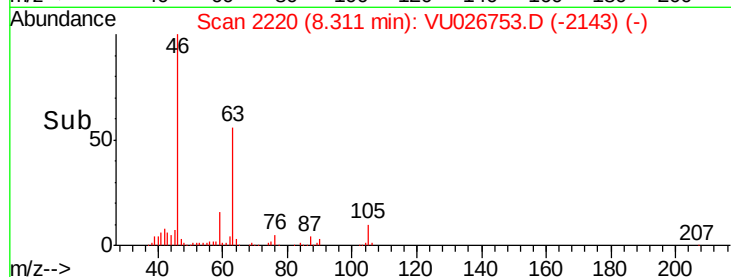
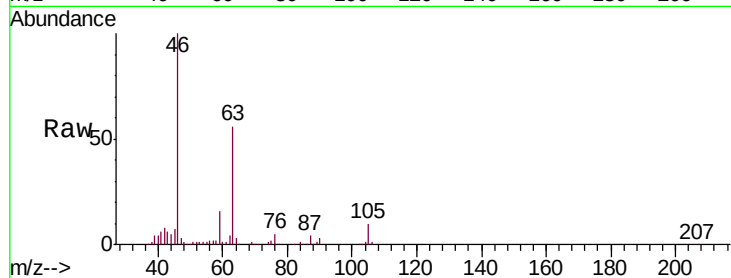




#48
 2-Hexanone
 Concen: 4.756 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

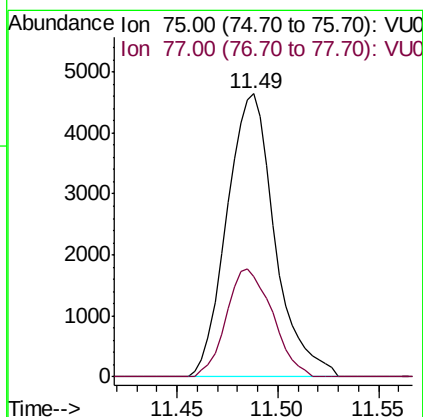
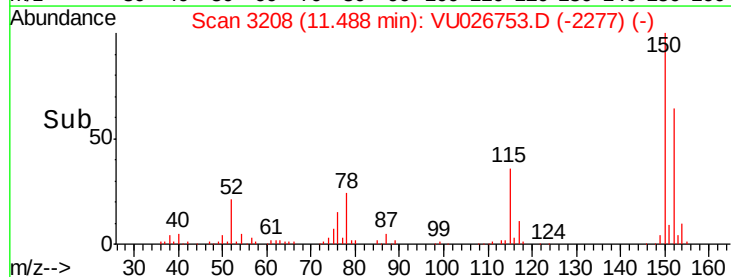
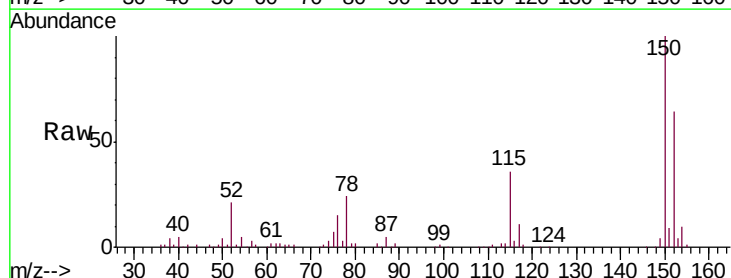
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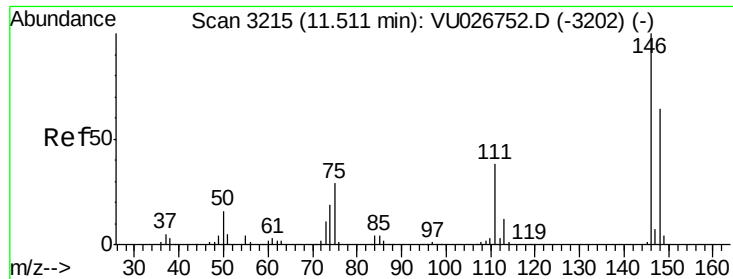
Tgt Ion: 43 Resp: 6183
 Ion Ratio Lower Upper
 43 100
 58 28.9 42.2 63.4#
 57 28.3 14.4 21.6#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.407 ug/L
 RT: 11.49 min Scan# 3208
 Delta R.T. 0.99 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

Tgt Ion: 75 Resp: 7723
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.8 38.6

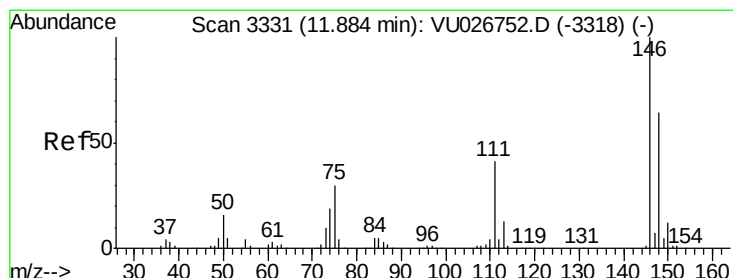
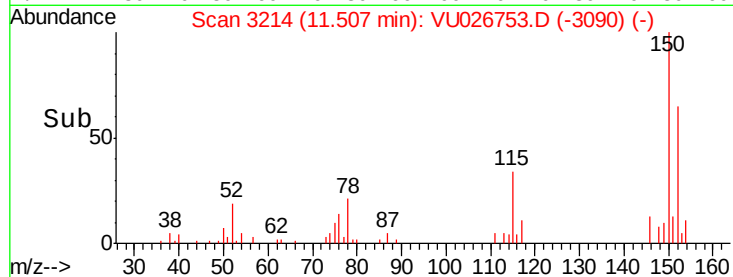
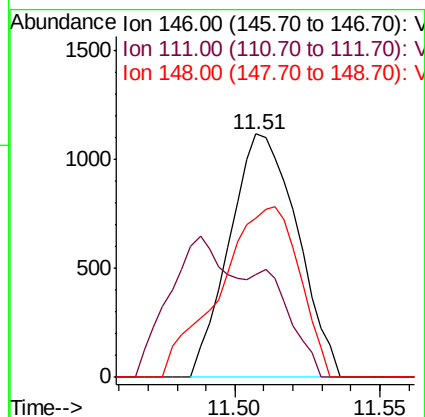
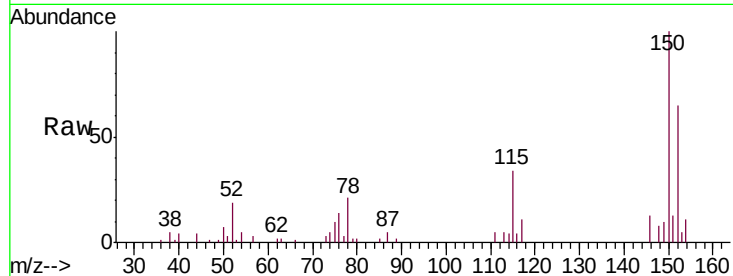




#63
 1,4-Dichlorobenzene
 Concen: 0.900 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

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Tgt Ion:146 Resp: 1817
 Ion Ratio Lower Upper
 146 100
 111 42.4 26.5 49.3
 148 65.3 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 0.830 ug/L
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026753.D
 Acq: 14 Sep 2018 10:02

Tgt Ion:146 Resp: 1673
 Ion Ratio Lower Upper
 146 100
 111 47.8 32.8 49.2
 148 79.6 52.2 78.4#

