

Data File : VU027490.D
Acq On : 08 Oct 2018 11:23
Operator : MD/SY
Sample : J5250-05DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0913DL

Quant Time: Oct 09 04:55:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174195	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69183	50.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.94%
7) Chloroethane-d5	1.68	69	57849	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.56%
11) 1,1-Dichloroethene-d2	2.27	63	103914	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
21) 2-Butanone-d5	4.18	46	139107	125.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.70%
24) Chloroform-d	4.65	84	131500	59.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.94%
26) 1,2-Dichloroethane-d4	5.31	65	91458	59.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.04%
32) Benzene-d6	5.34	84	266161	56.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.34%
36) 1,2-Dichloropropane-d6	6.33	67	96829	60.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.38%#
41) Toluene-d8	7.57	98	226431	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%
43) trans-1,3-Dichloropropene-	7.85	79	42857	55.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.58%
47) 2-Hexanone-d5	8.31	63	98489	121.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125175	59.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	88291	57.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.96%

Target Compounds

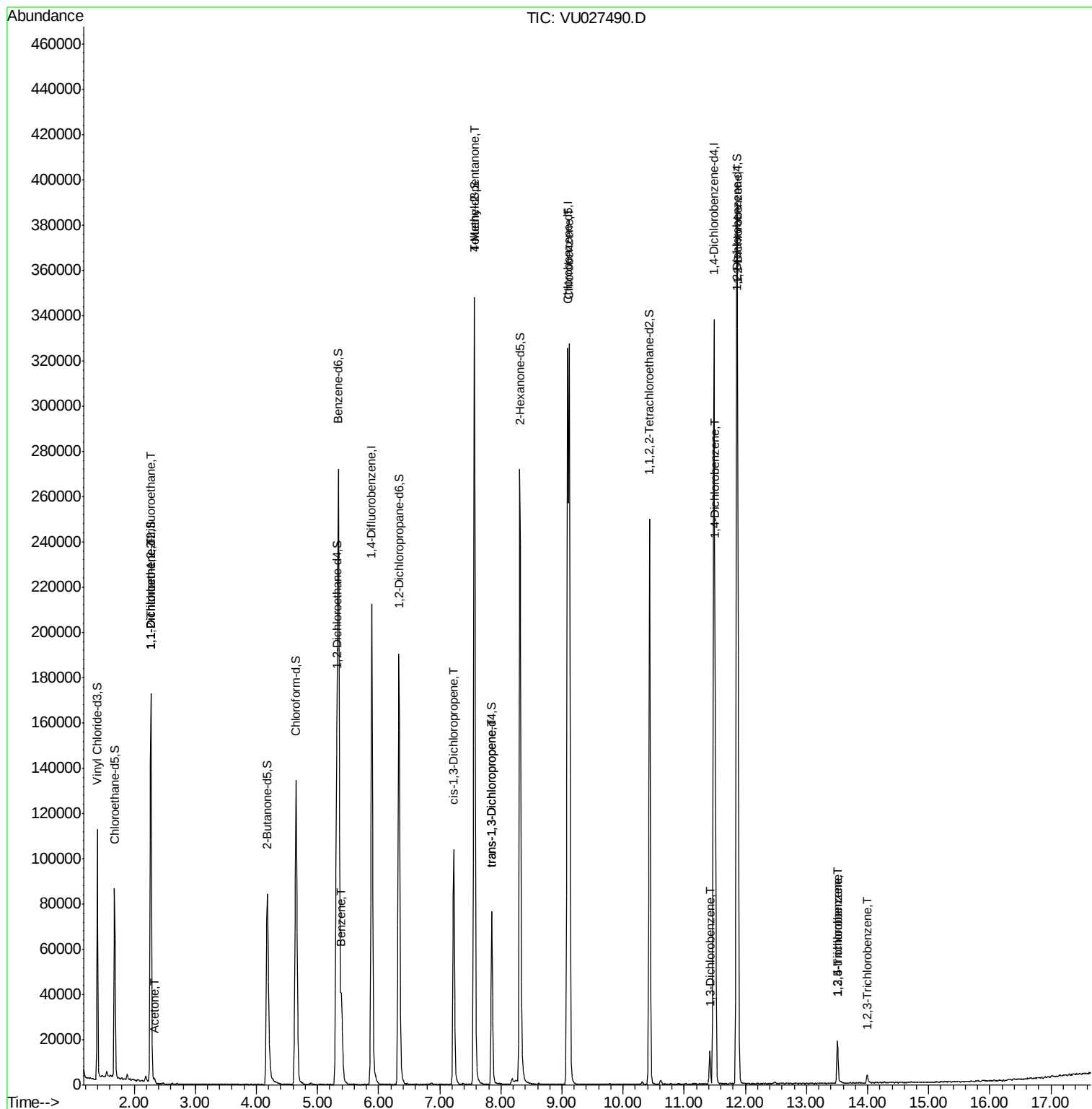
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	766	0.665 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	685	0.609 ug/L #	1
13) Acetone	2.32	43	443	0.488 ug/L #	44
33) Benzene	5.39	78	32604	6.055 ug/L	100
39) cis-1,3-Dichloropropene	7.23	75	2396	1.045 ug/L #	59
40) 4-Methyl-2-pentanone	7.57	43	1134	0.496 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1854	0.871 ug/L	88
51) Chlorobenzene	9.12	112	156466	45.805 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	5871	2.424 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	51440	20.359 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	61434	24.914 ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	6928	3.702 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	6928	4.025 ug/L	94
70) 1,2,3-Trichlorobenzene	13.99	180	1817	1.038 ug/L #	91

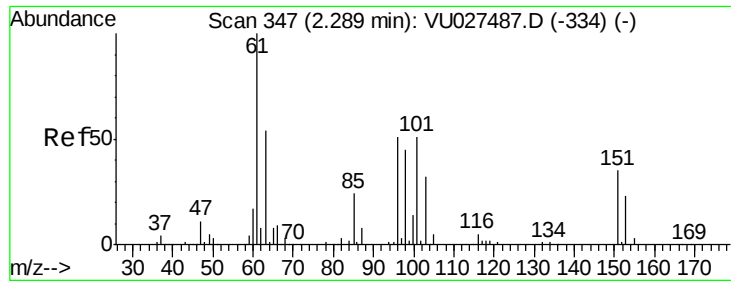
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.665 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

C0913DL

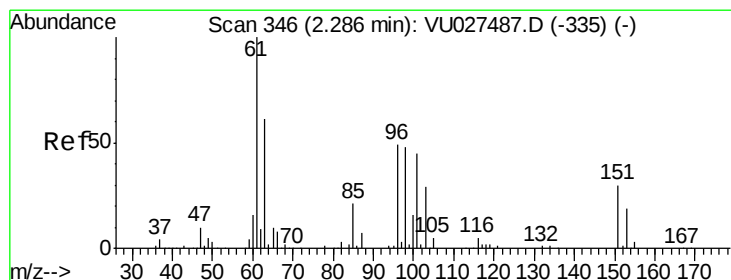
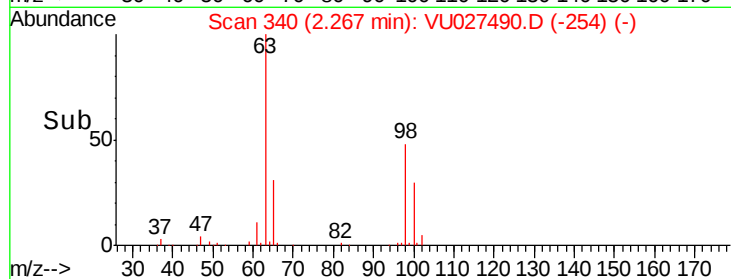
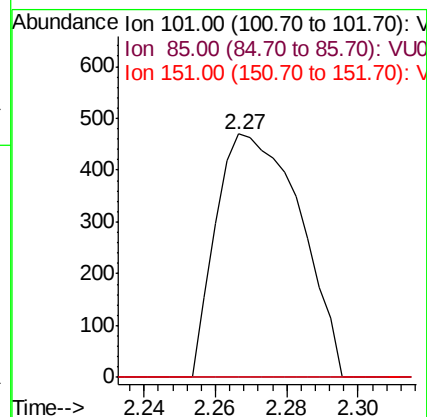
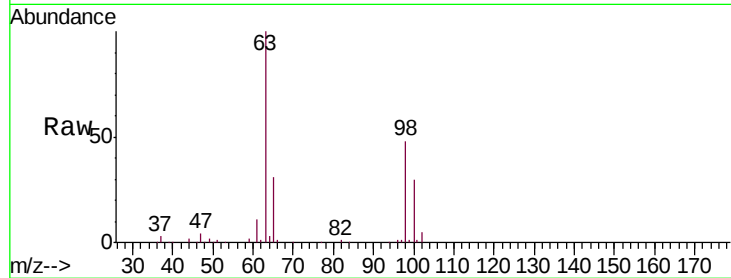
Tgt Ion:101 Resp: 766

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 55.7 83.5#



#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

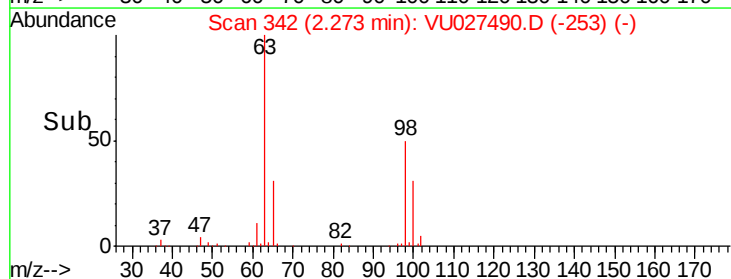
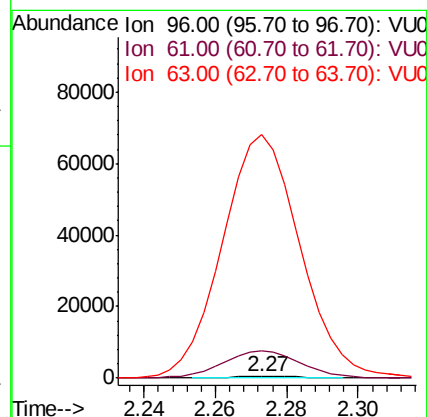
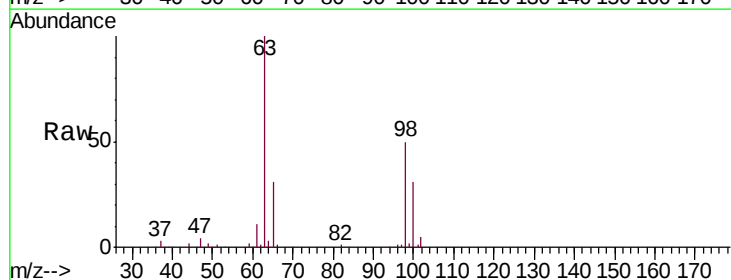
Tgt Ion: 96 Resp: 685

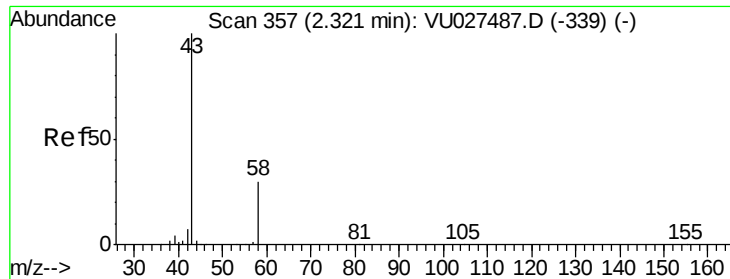
Ion Ratio Lower Upper

96 100

61 1733.3 135.2 251.0#

63 15207.1 94.3 175.1#





#13

Acetone

Concen: 0.488 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

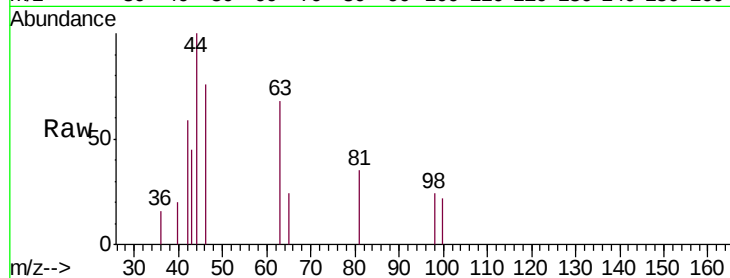
C0913DL

Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

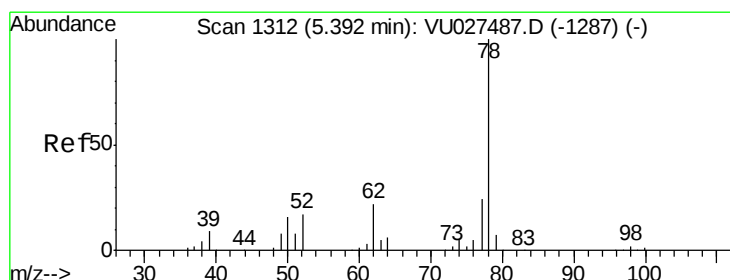
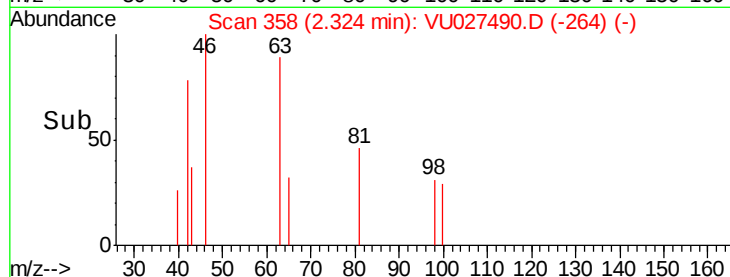
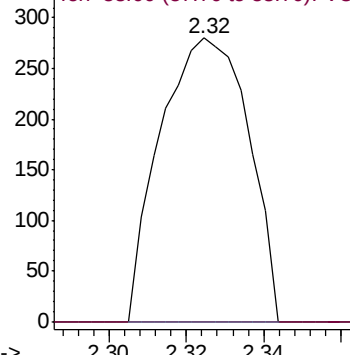
43 100

58 0.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 6.055 ug/L

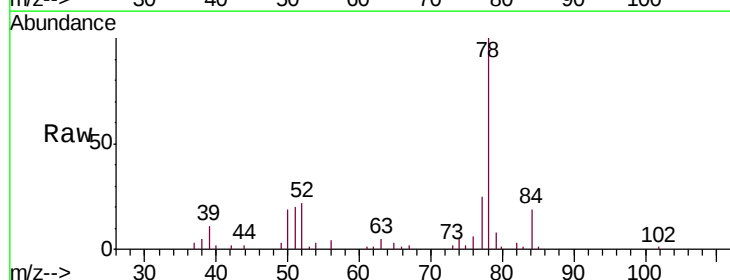
RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

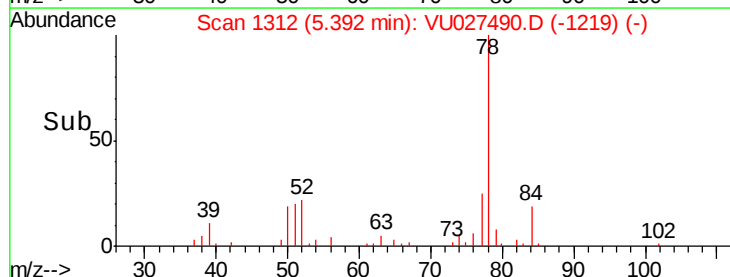
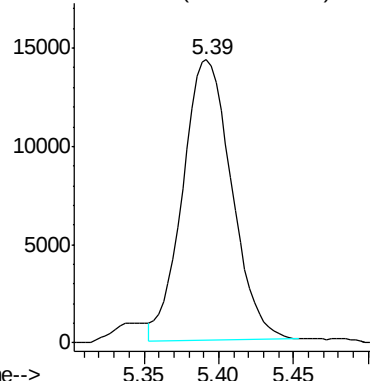
Lab File: VU027490.D

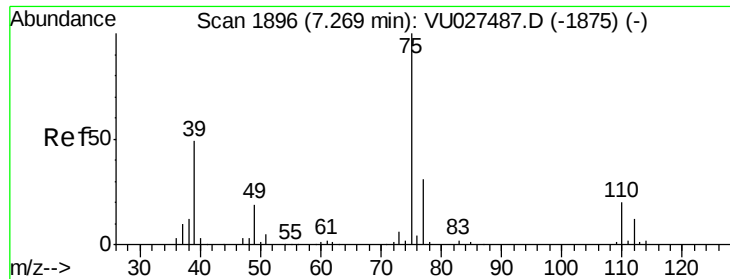
Acq: 08 Oct 2018 11:23

Tgt Ion: 78 Resp: 32604



Abundance Ion 78.00 (77.70 to 78.70): VU0

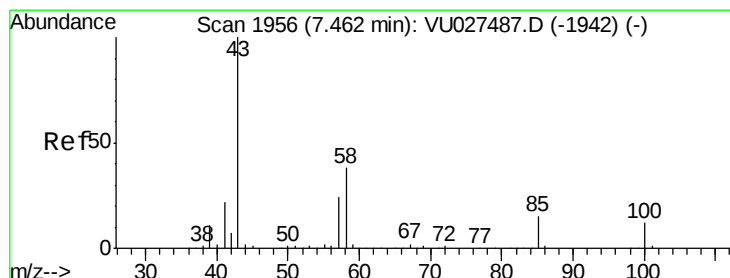
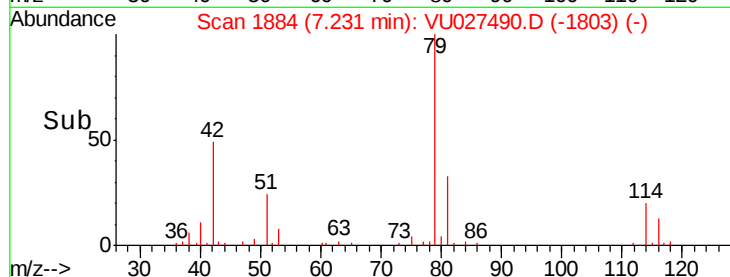
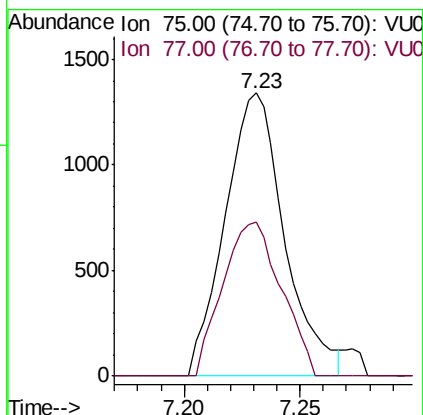
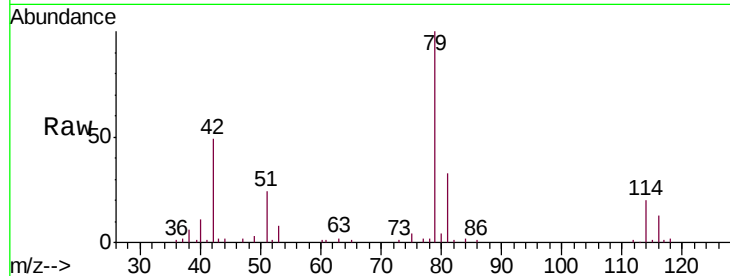




#39
 cis-1,3-Dichloropropene
 Concen: 1.045 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

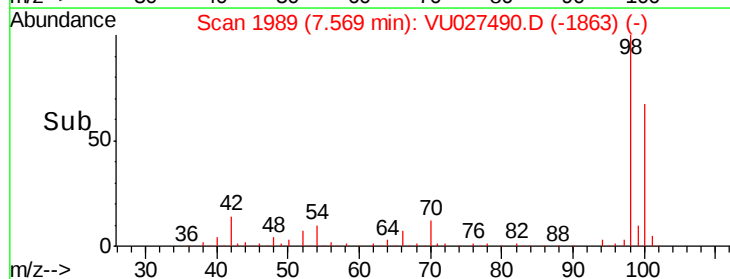
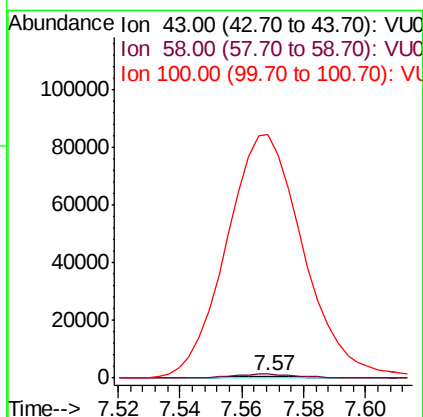
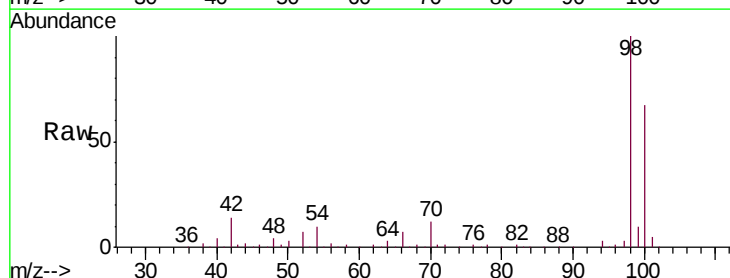
Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

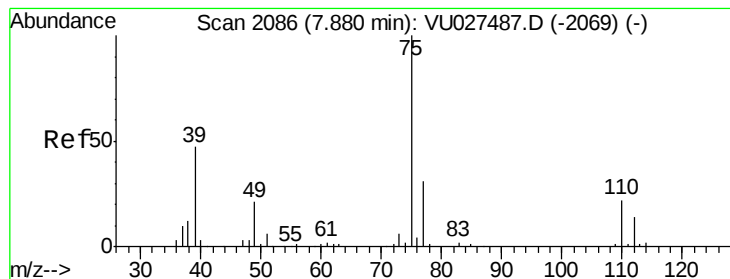
Tgt Ion: 75 Resp: 2396
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.1 41.1#



#40
 4-Methyl-2-pentanone
 Concen: 0.496 ug/L
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Tgt Ion: 43 Resp: 1134
 Ion Ratio Lower Upper
 43 100
 58 186.2 30.7 46.1#
 100 13119.1 10.2 15.4#





#44

trans-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_U

ClientSampled :

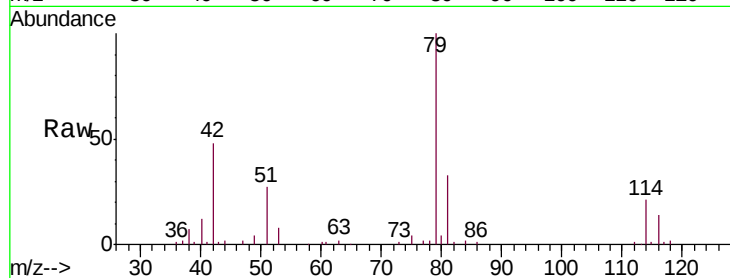
C0913DL

Tgt Ion: 75 Resp: 1854

Ion Ratio Lower Upper

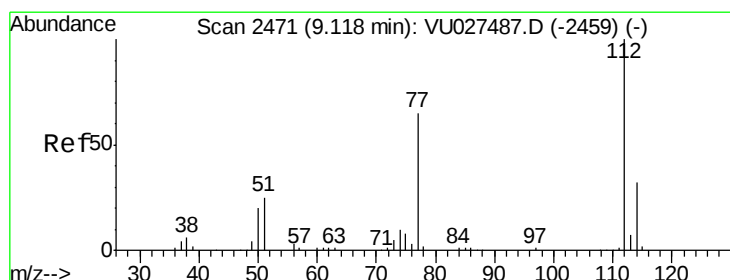
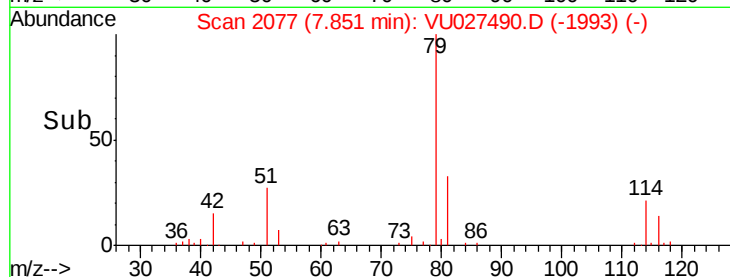
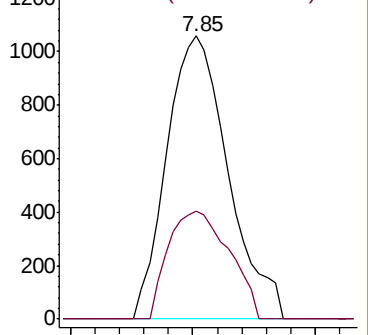
75 100

77 38.1 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU027487.D (-2069) (-)

Ion 77.00 (76.70 to 77.70): VU027487.D (-2069) (-)



#51

Chlorobenzene

Concen: 45.805 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

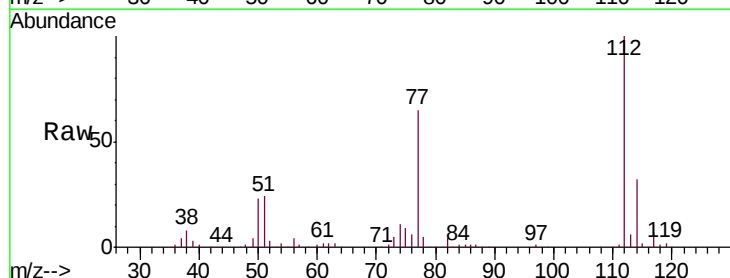
Tgt Ion: 112 Resp: 156466

Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

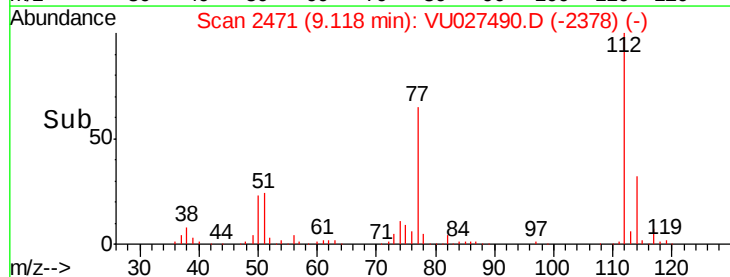
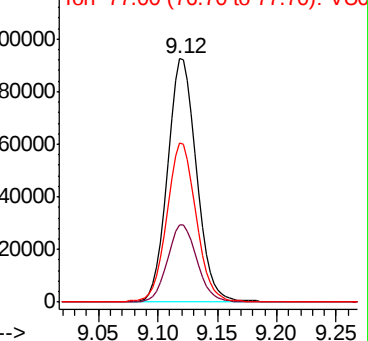
77 65.5 51.7 77.5

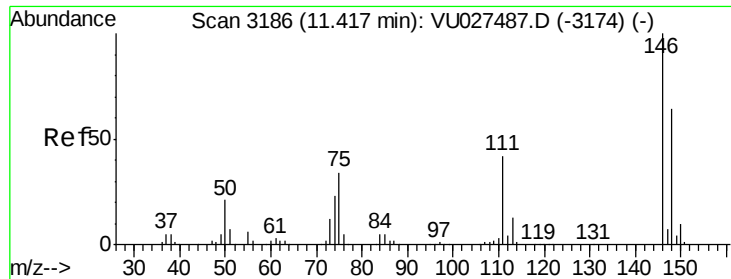


Abundance Ion 112.00 (111.70 to 112.70): VU027487.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU027487.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU027487.D (-2459) (-)





#62

1,3-Dichlorobenzene

Concen: 2.424 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

Instrument :

MSVOA_U

ClientSampleId :

C0913DL

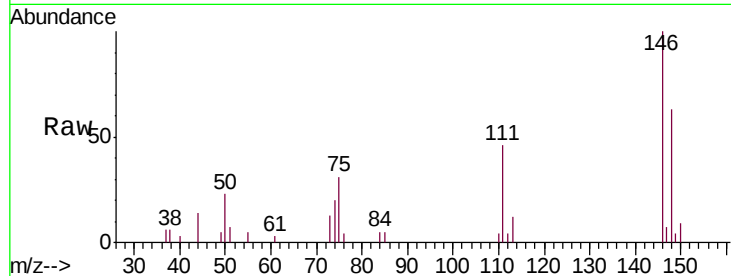
Tgt Ion:146 Resp: 5871

Ion Ratio Lower Upper

146 100

111 46.4 29.0 53.8

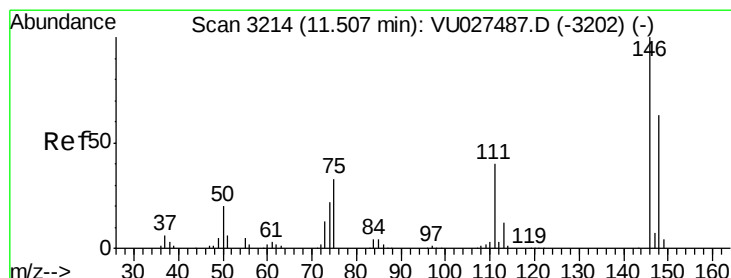
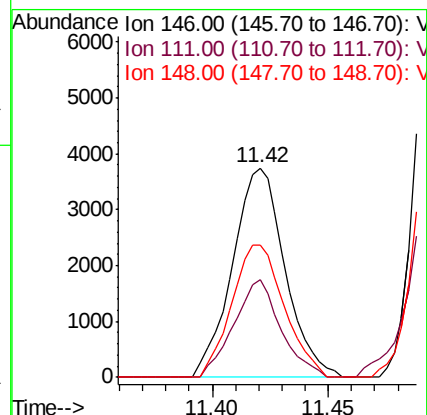
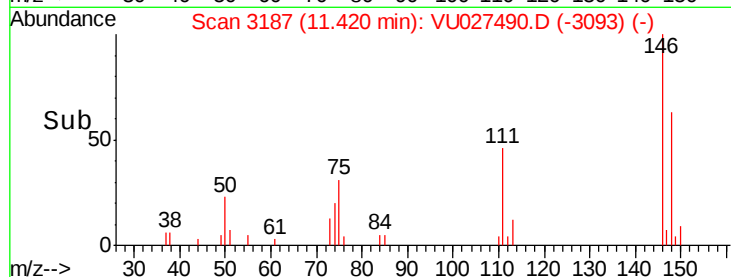
148 63.3 45.4 84.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 20.359 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

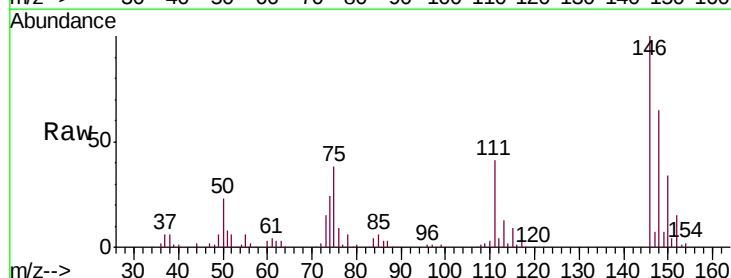
Tgt Ion:146 Resp: 51440

Ion Ratio Lower Upper

146 100

111 40.5 28.1 52.1

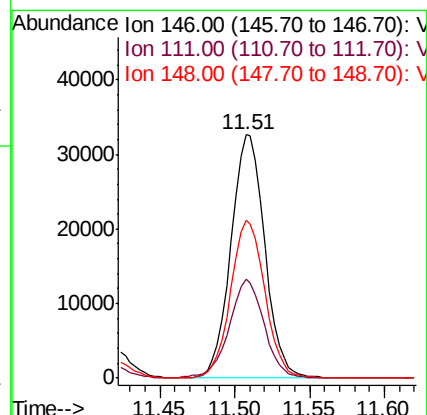
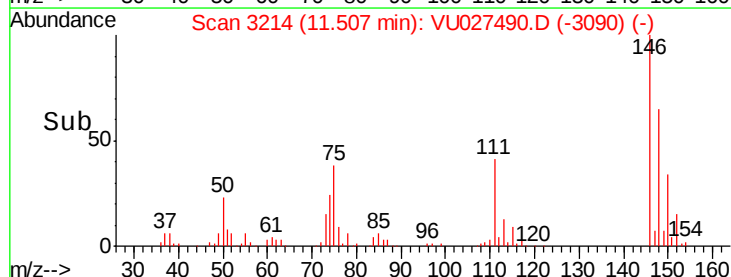
148 64.7 44.4 82.5

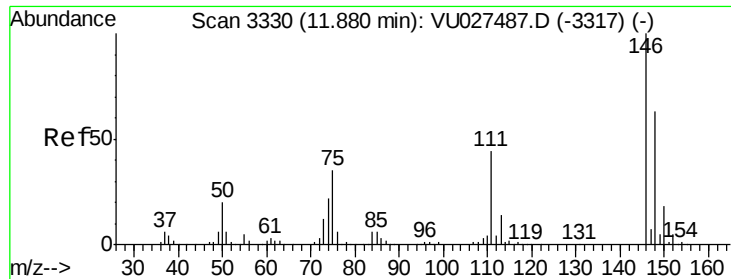


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

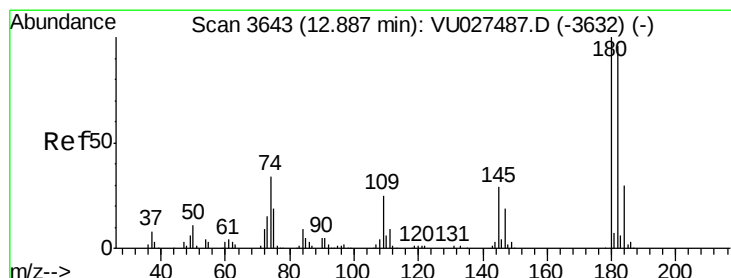
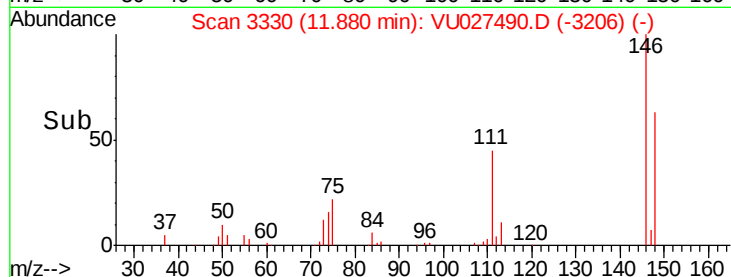
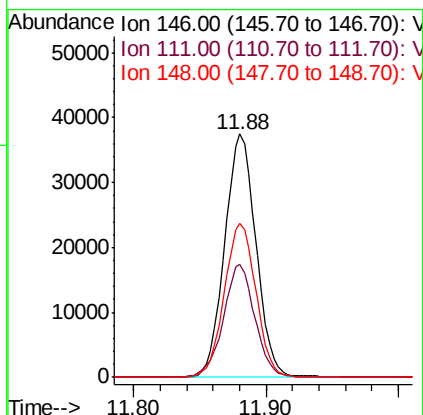
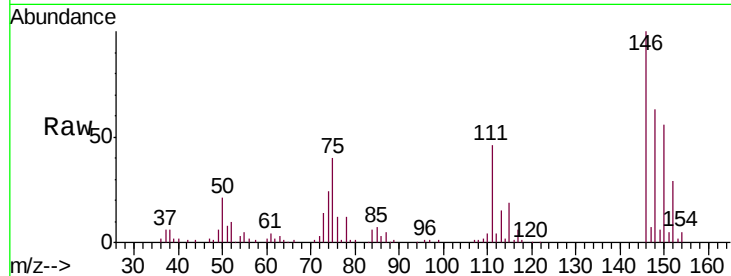




#65
 1,2-Dichlorobenzene
 Concen: 24.914 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

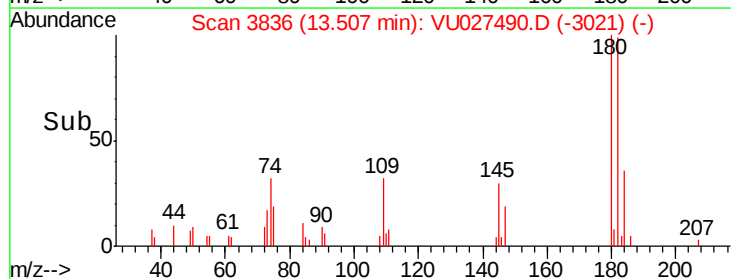
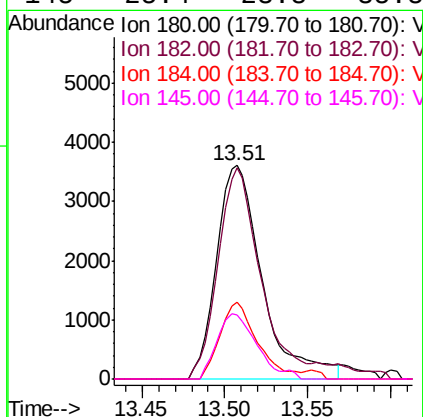
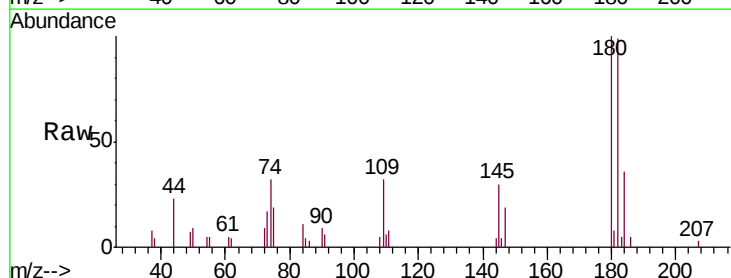
Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

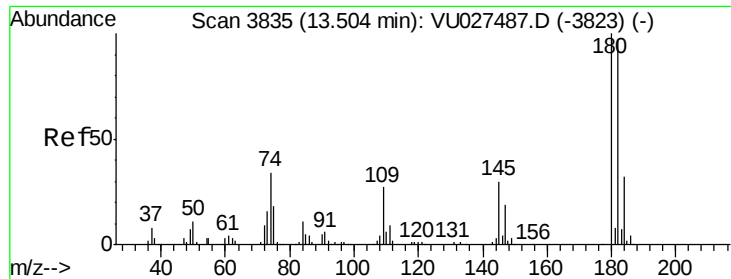
Tgt Ion:146 Resp: 61434
 Ion Ratio Lower Upper
 146 100
 111 46.4 34.9 52.3
 148 63.3 51.6 77.4



#67
 1,3,5-Trichlorobenzene
 Concen: 3.702 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.62 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Tgt Ion:180 Resp: 6928
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.7 115.1
 184 29.4 24.5 36.7
 145 25.4 23.8 35.8

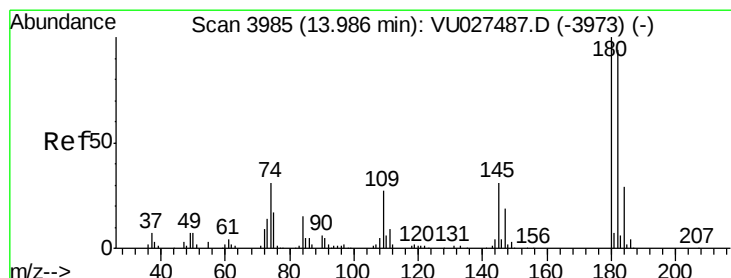
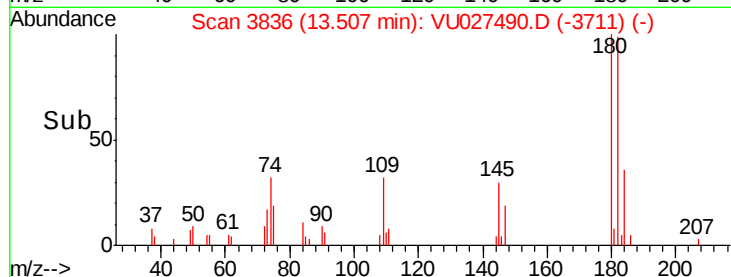
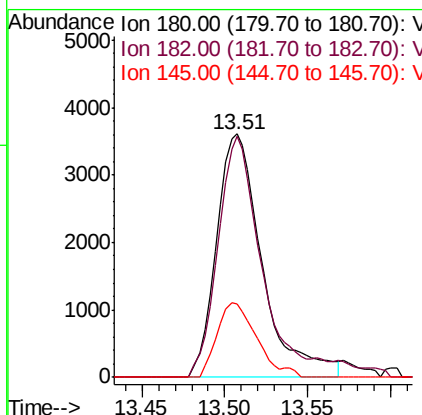
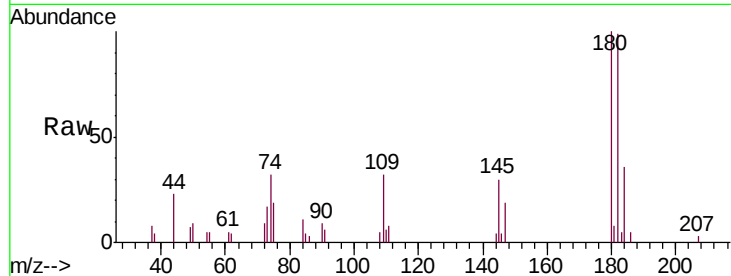




#68
 1,2,4-trichlorobenzene
 Concen: 4.025 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

Tgt Ion:180 Resp: 6928
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.3 114.5
 145 25.4 24.2 36.2



#70
 1,2,3-Trichlorobenzene
 Concen: 1.038 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Tgt Ion:180 Resp: 1817
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.4 116.0
 145 14.4 25.5 38.3#

