

Data File : VU026876.D
Acq On : 18 Sep 2018 20:40
Operator : MD/SY
Sample : J4896-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Quant Time: Sep 19 07:40:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	221577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56478	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.92%
7) Chloroethane-d5	1.67	69	54943	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.32%
11) 1,1-Dichloroethene-d2	2.27	63	84255	27.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.34%#
21) 2-Butanone-d5	4.18	46	126860	116.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.63%
24) Chloroform-d	4.65	84	134002	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
26) 1,2-Dichloroethane-d4	5.31	65	89280	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.34	84	253364	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
36) 1,2-Dichloropropane-d6	6.33	67	88976	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.22%
41) Toluene-d8	7.57	98	201496	37.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.48%#
43) trans-1,3-Dichloropropene-	7.85	79	35403	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.31	63	85405	112.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132115	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	93412	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%

Target Compounds

					Qvalue
13) Acetone	2.32	43	1518	1.420 ug/L	96
25) Chloroform	4.67	83	1818	0.588 ug/L #	56
33) Benzene	5.39	78	43232	6.525 ug/L	100
35) Methylcyclohexane	6.33	83	20769	8.014 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9192	5.050 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2216	0.862 ug/L #	82
44) trans-1,3-Dichloropropene	7.85	75	1372	0.570 ug/L	85
48) 2-Hexanone	8.31	43	10341	5.928 ug/L #	69
51) Chlorobenzene	9.12	112	56039	12.318 ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	1518	0.696 ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	5816	2.106 ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	61168	20.110 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	226503	74.055 ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	18678	8.738 ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	18678	10.140 ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	8062	3.974 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Quantitation Report (Not Reviewed)

Data File : VU026876.D
Acq On : 18 Sep 2018 20:40
Operator : MD/SY
Sample : J4896-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L4

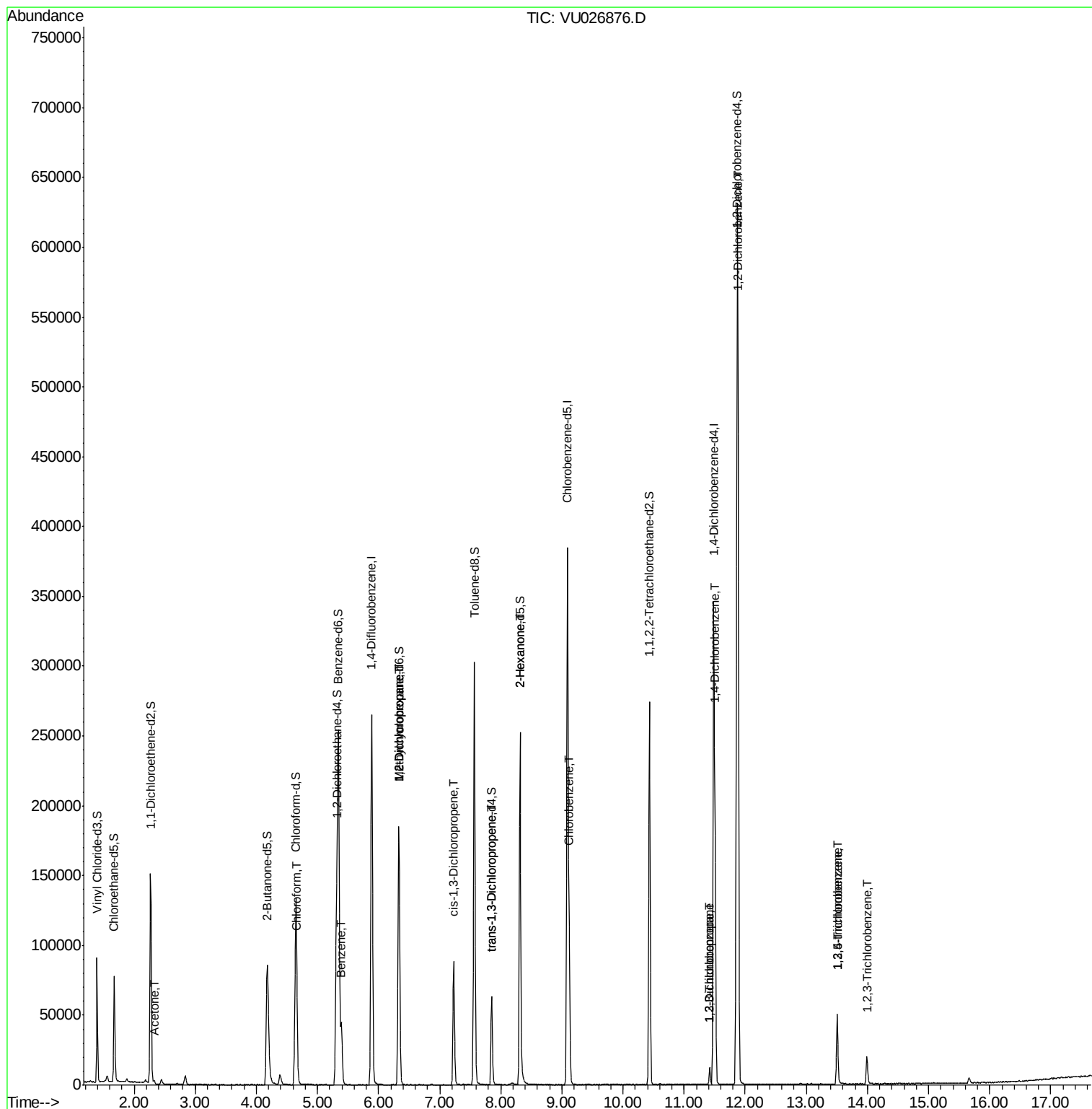
Quant Time: Sep 19 07:40:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

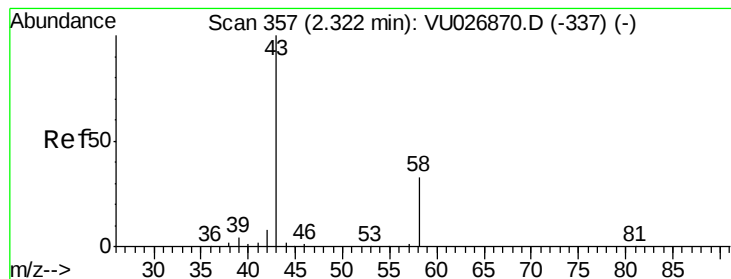
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_U
ClientSampleId :
C08L4

Quant Time: Sep 19 07:40:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.420 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Instrument :

MSVOA_U

ClientSampleId :

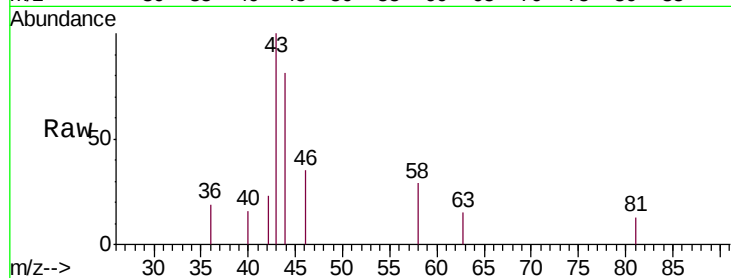
C08L4

Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

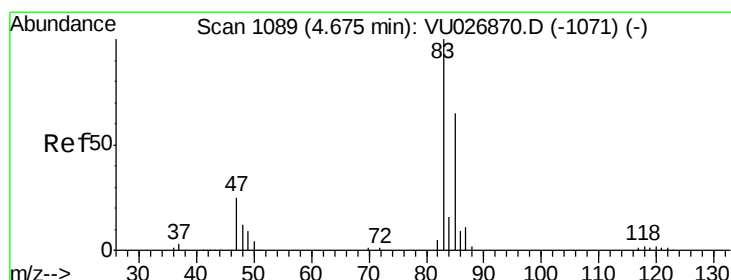
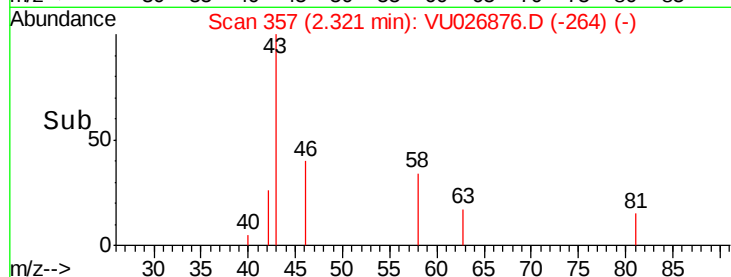
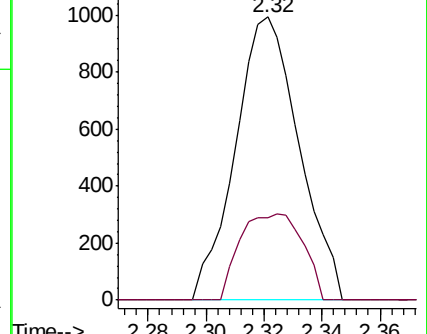
43 100

58 29.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 0.588 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU026876.D

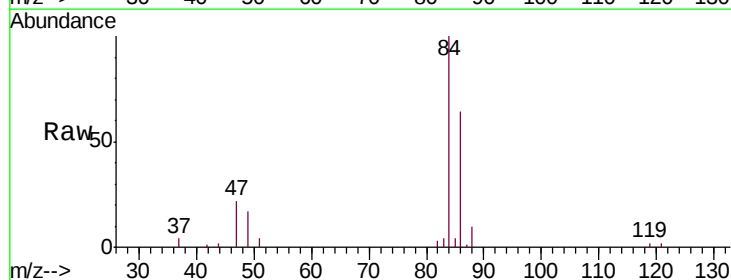
Acq: 18 Sep 2018 20:40

Tgt Ion: 83 Resp: 1818

Ion Ratio Lower Upper

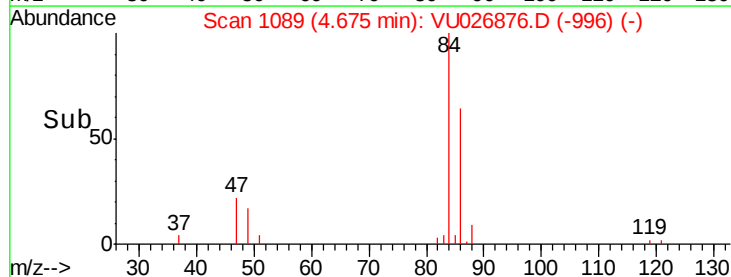
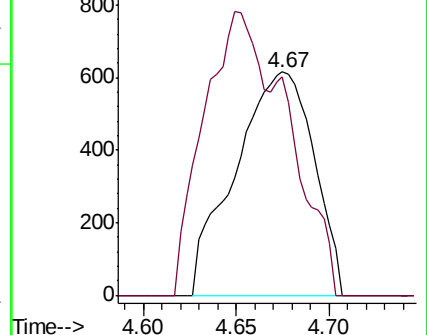
83 100

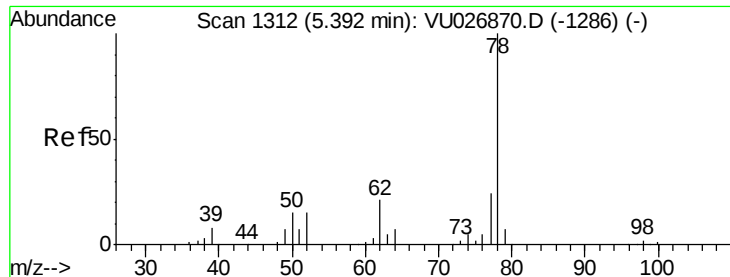
85 98.0 44.4 82.5#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 6.525 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

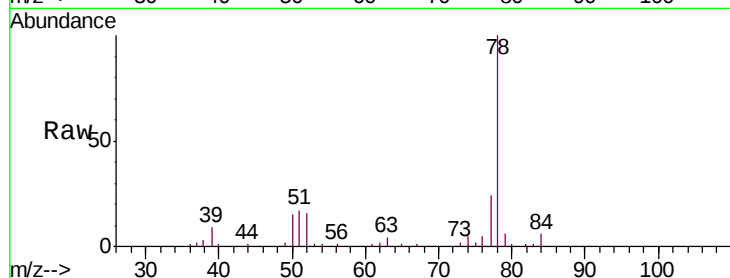
Instrument :

MSVOA_U

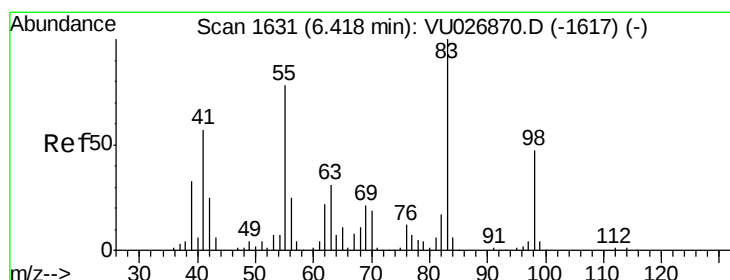
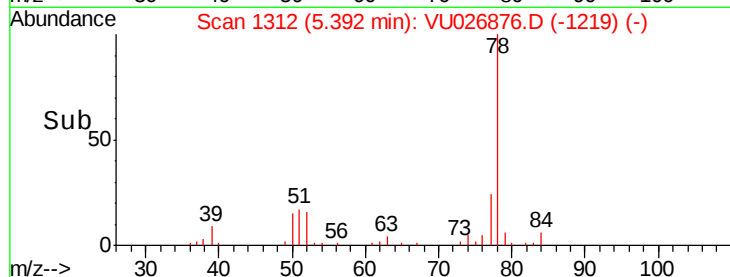
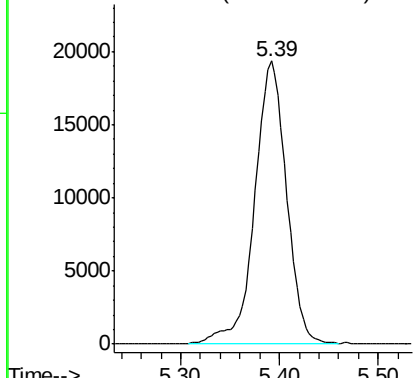
ClientSampleId :

C08L4

Tgt Ion: 78 Resp: 43232



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 8.014 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026876.D

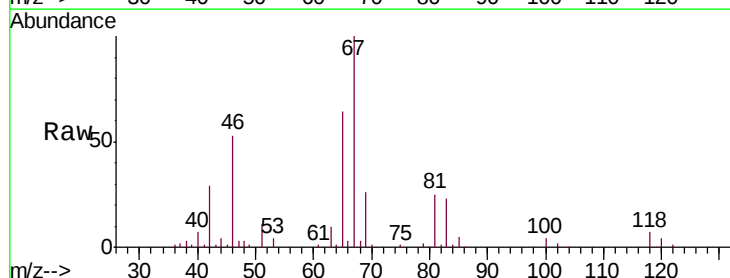
Acq: 18 Sep 2018 20:40

Tgt Ion: 83 Resp: 20769

Ion	Ratio	Lower	Upper
83	100		

55	0.0	61.7	92.5#
----	-----	------	-------

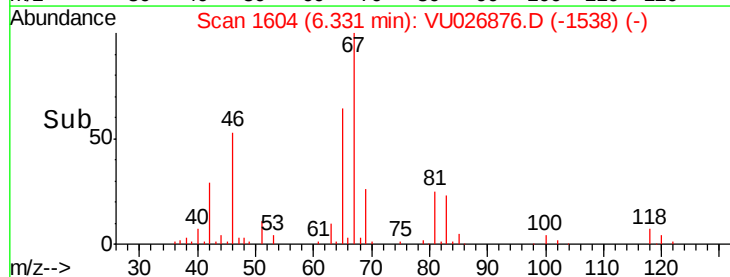
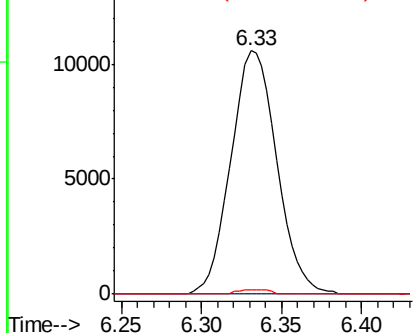
98	0.9	38.3	57.5#
----	-----	------	-------

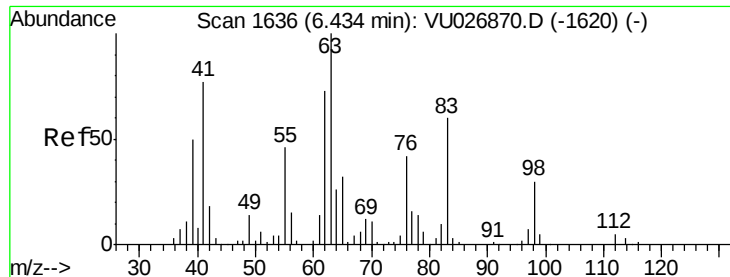


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

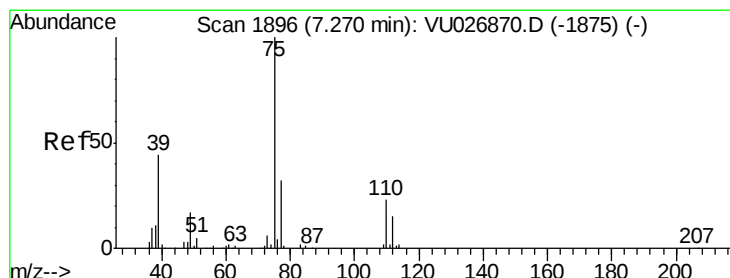
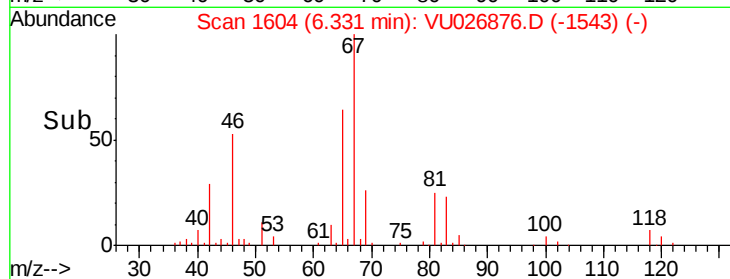
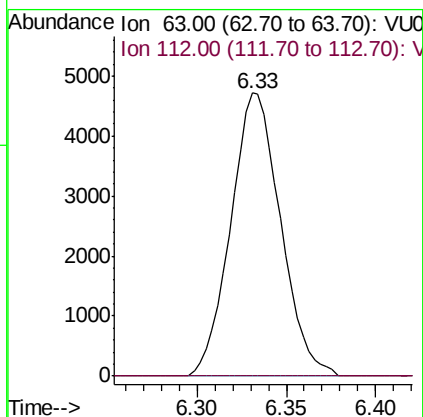
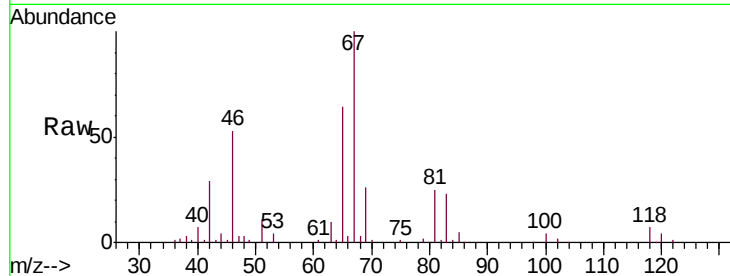




#37
 1,2-Dichloropropane
 Concen: 5.050 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026876.D
 Acq: 18 Sep 2018 20:40

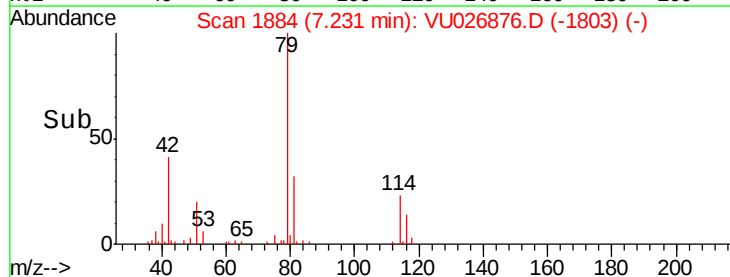
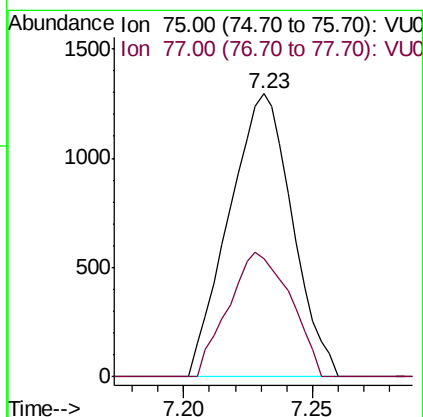
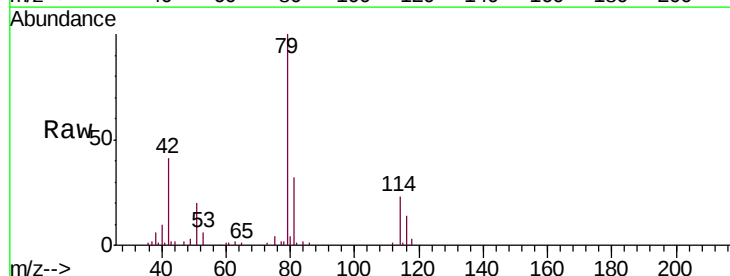
Instrument :
 MSVOA_U
 ClientSampled :
 C08L4

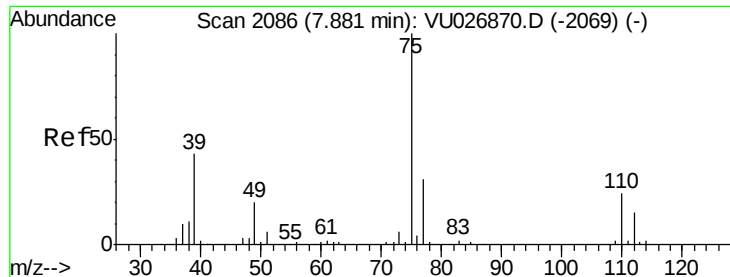
Tgt Ion: 63 Resp: 9192
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.862 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026876.D
 Acq: 18 Sep 2018 20:40

Tgt Ion: 75 Resp: 2216
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Instrument :

MSVOA_U

ClientSampled :

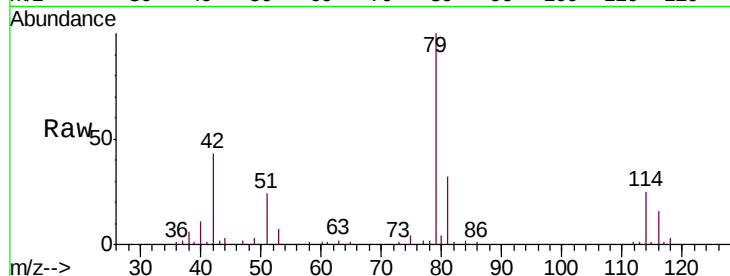
C08L4

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

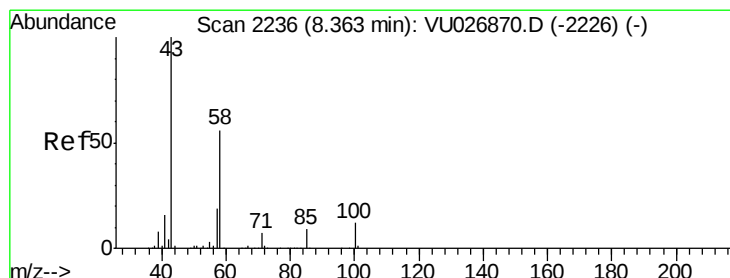
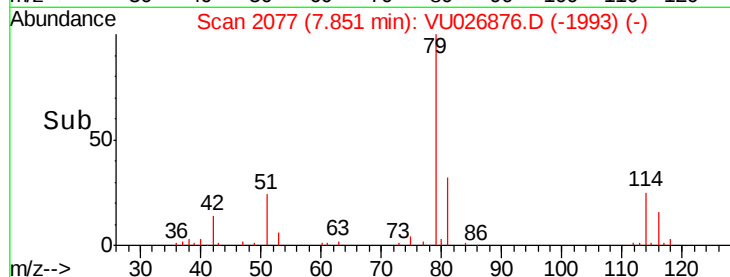
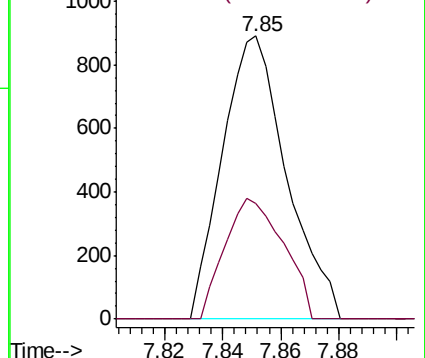
75 100

77 40.9 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU026876.D (-1993) (-)

Ion 77.00 (76.70 to 77.70): VU026876.D (-1993) (-)



#48

2-Hexanone

Concen: 5.928 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Tgt Ion: 43 Resp: 10341

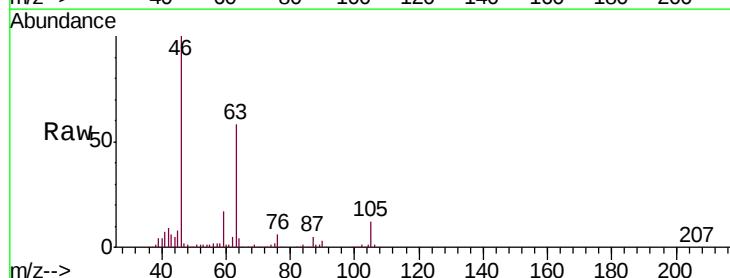
Ion Ratio Lower Upper

43 100

58 31.9 44.9 67.3#

57 31.2 15.4 23.2#

100 0.9 10.2 15.4#

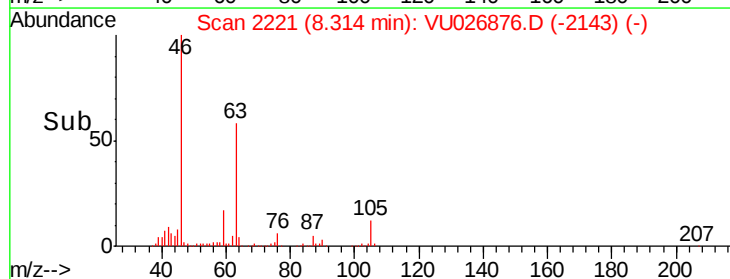
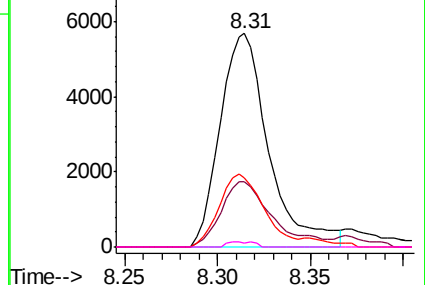


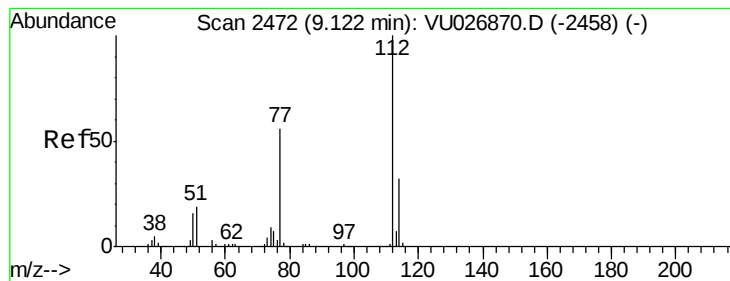
Abundance Ion 43.00 (42.70 to 43.70): VU026876.D (-2143) (-)

Ion 58.00 (57.70 to 58.70): VU026876.D (-2143) (-)

Ion 57.00 (56.70 to 57.70): VU026876.D (-2143) (-)

Ion 100.00 (99.70 to 100.70): VU026876.D (-2143) (-)





#51

Chlorobenzene

Concen: 12.318 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Instrument :

MSVOA_U

ClientSampled :

C08L4

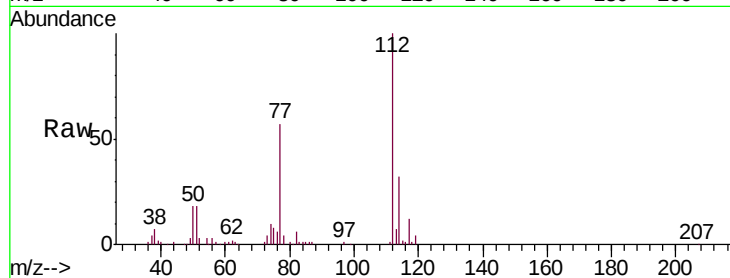
Tgt Ion: 112 Resp: 56039

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

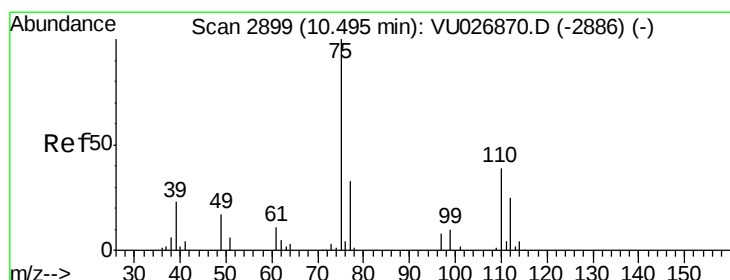
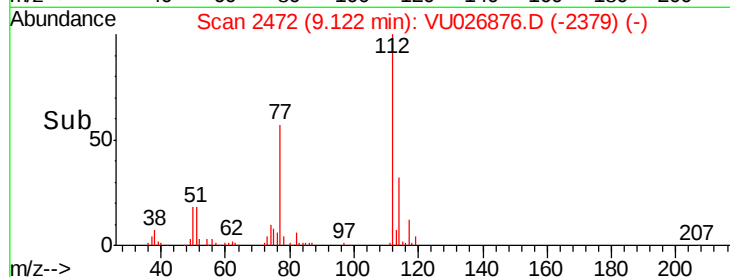
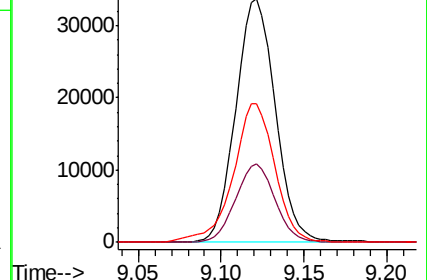
77 56.8 45.1 67.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 0.696 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.93 min

Lab File: VU026876.D

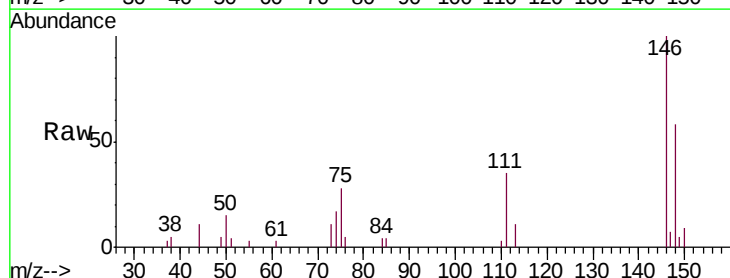
Acq: 18 Sep 2018 20:40

Tgt Ion: 75 Resp: 1518

Ion Ratio Lower Upper

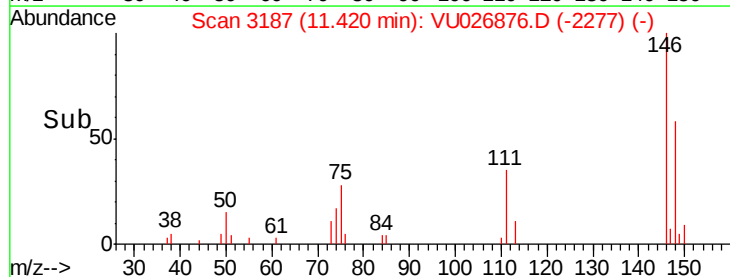
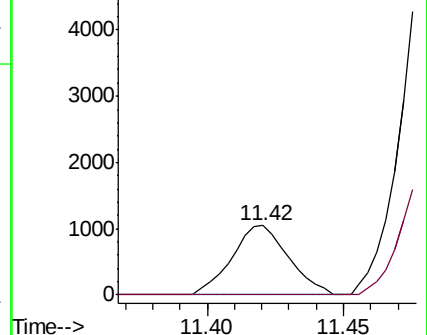
75 100

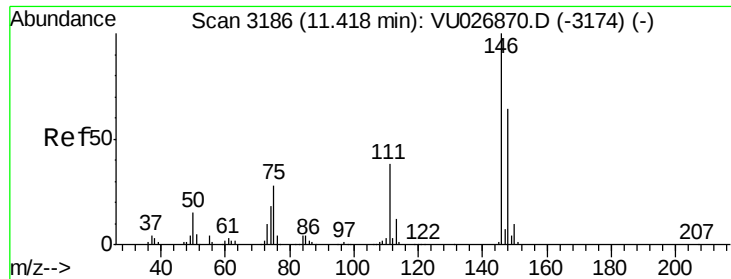
77 0.0 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#62

1,3-Dichlorobenzene

Concen: 2.106 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Instrument :

MSVOA_U

ClientSampleId :

C08L4

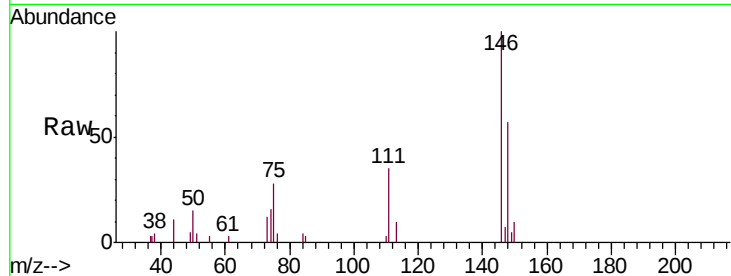
Tgt Ion:146 Resp: 5816

Ion Ratio Lower Upper

146 100

111 35.1 26.7 49.7

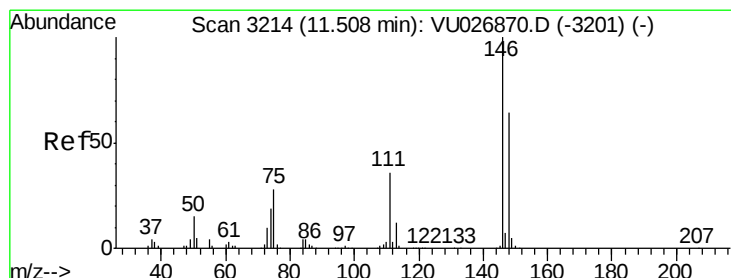
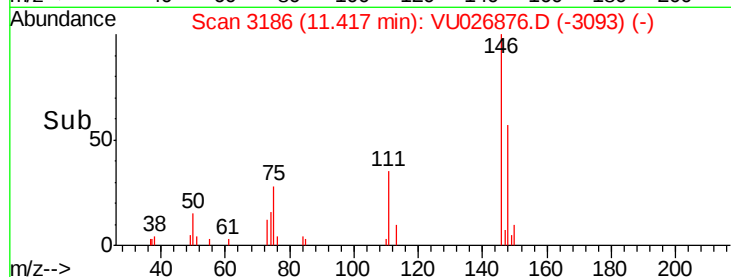
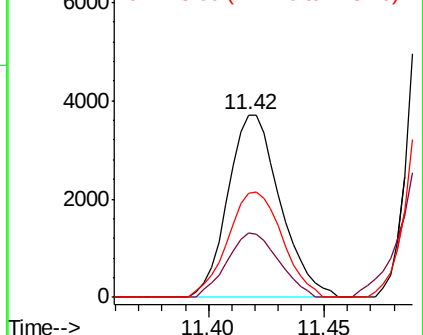
148 57.3 44.9 83.5



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



#63

1,4-Dichlorobenzene

Concen: 20.110 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

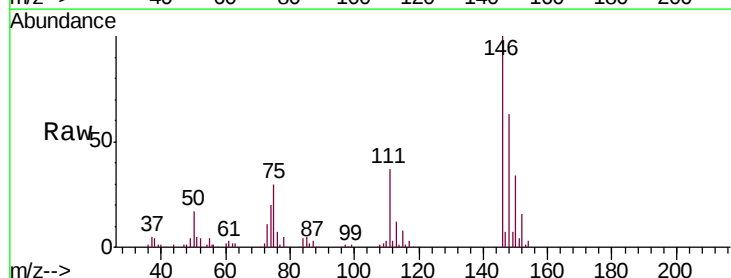
Tgt Ion:146 Resp: 61168

Ion Ratio Lower Upper

146 100

111 36.8 26.0 48.2

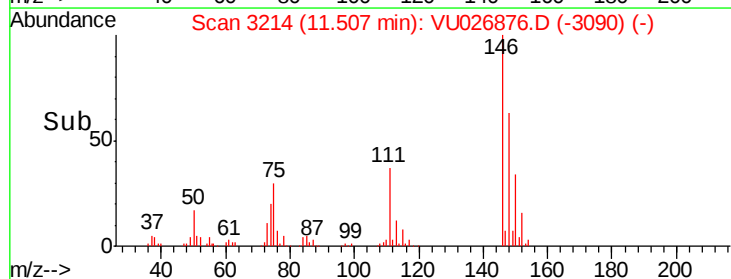
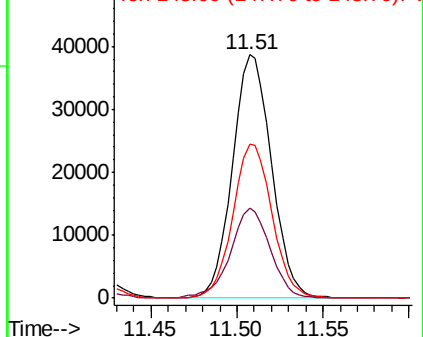
148 63.1 45.8 85.2

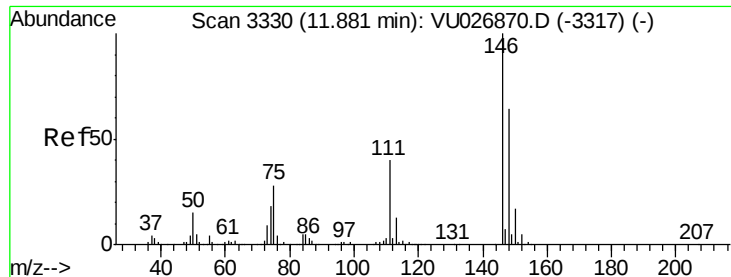


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 74.055 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Instrument :

MSVOA_U

ClientSampleId :

C08L4

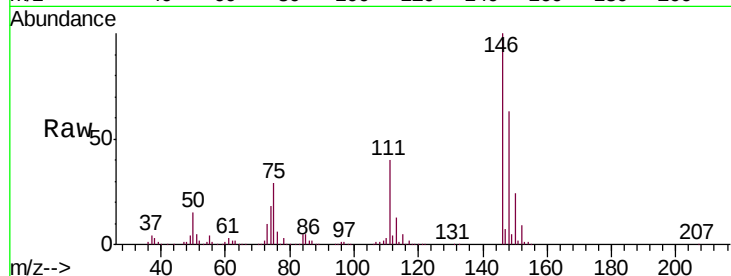
Tgt Ion:146 Resp: 226503

Ion Ratio Lower Upper

146 100

111 40.0 31.4 47.0

148 63.2 51.4 77.2

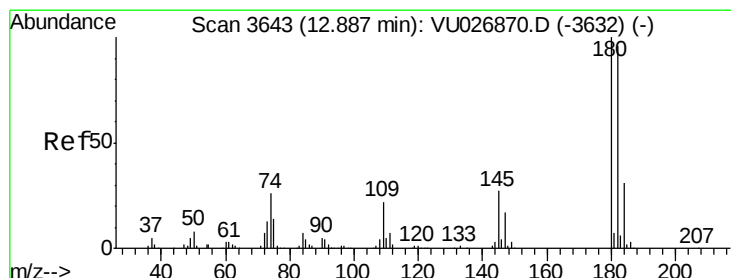
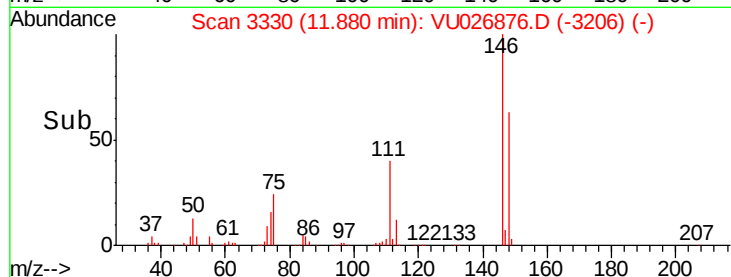
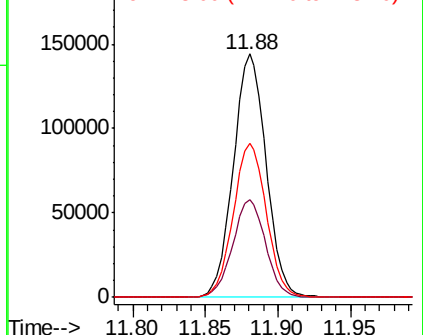


Abundance

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



#67

1,3,5-Trichlorobenzene

Concen: 8.738 ug/L

RT: 13.50 min Scan# 3835

Delta R.T. 0.62 min

Lab File: VU026876.D

Acq: 18 Sep 2018 20:40

Tgt Ion:180 Resp: 18678

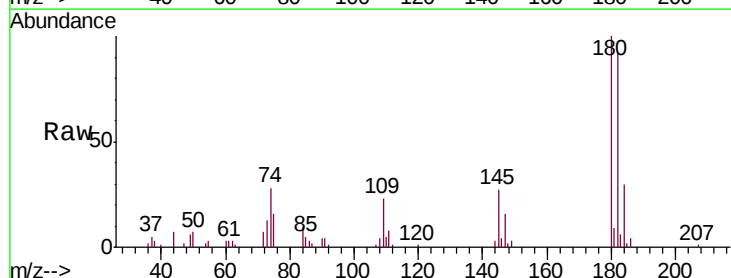
Ion Ratio Lower Upper

180 100

182 91.0 76.7 115.1

184 29.0 24.2 36.4

145 26.5 21.8 32.6



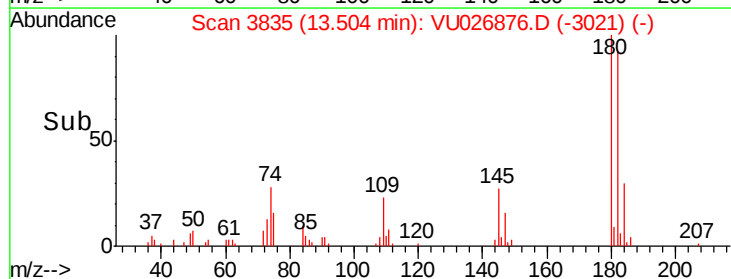
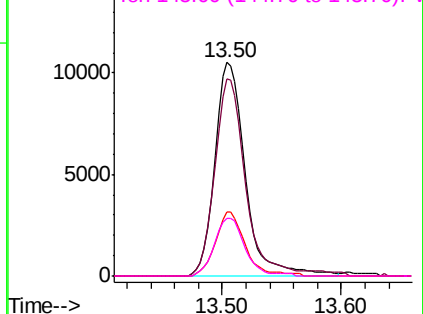
Abundance

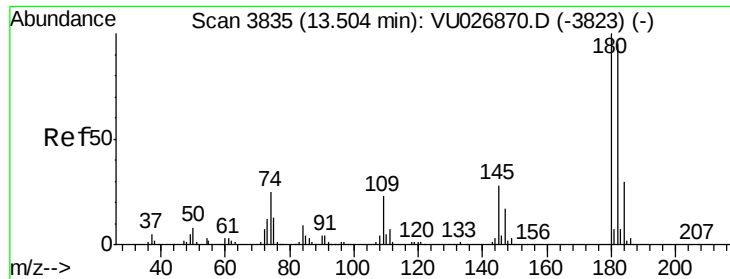
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

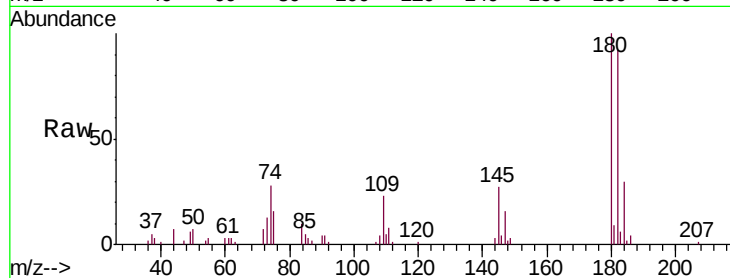




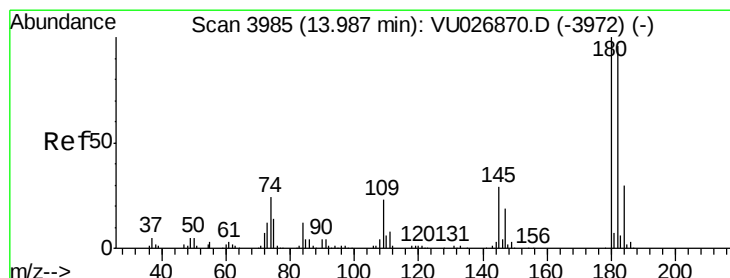
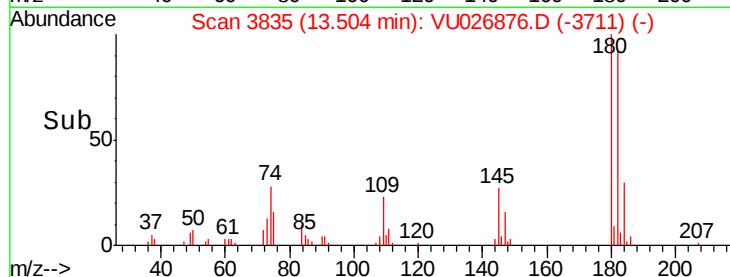
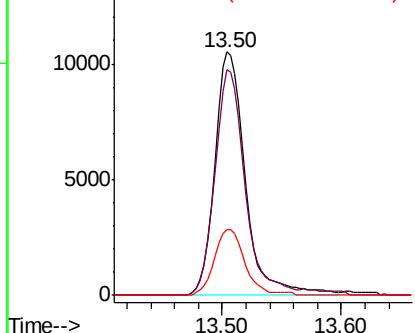
#68
 1,2,4-trichlorobenzene
 Concen: 10.140 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026876.D
 Acq: 18 Sep 2018 20:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L4

Tgt Ion:180 Resp: 18678
 Ion Ratio Lower Upper
 180 100
 182 91.0 76.8 115.2
 145 26.5 22.2 33.2

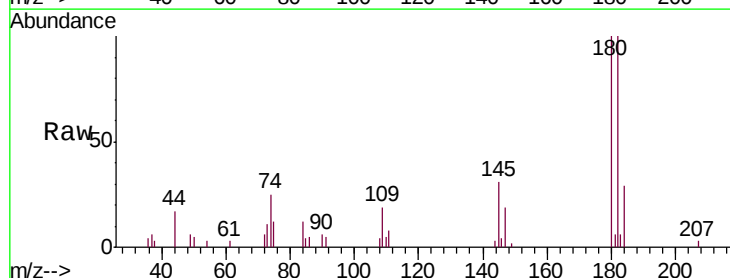


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 3.974 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026876.D
 Acq: 18 Sep 2018 20:40

Tgt Ion:180 Resp: 8062
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.6 113.4
 145 27.2 23.8 35.6



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

