

Data File : VU026882.D
Acq On : 18 Sep 2018 22:59
Operator : MD/SY
Sample : J4896-08DL 2500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L2DL

Quant Time: Sep 19 07:41:04 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	220671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54848	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.20%
7) Chloroethane-d5	1.68	69	54758	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.27	63	82974	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.72%#
21) 2-Butanone-d5	4.18	46	118050	108.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.65	84	131170	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	88146	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	245945	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.33	67	87270	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.57	98	194684	36.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.22%#
43) trans-1,3-Dichloropropene-	7.85	79	34471	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.32%
47) 2-Hexanone-d5	8.31	63	79962	105.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126819	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	86529	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

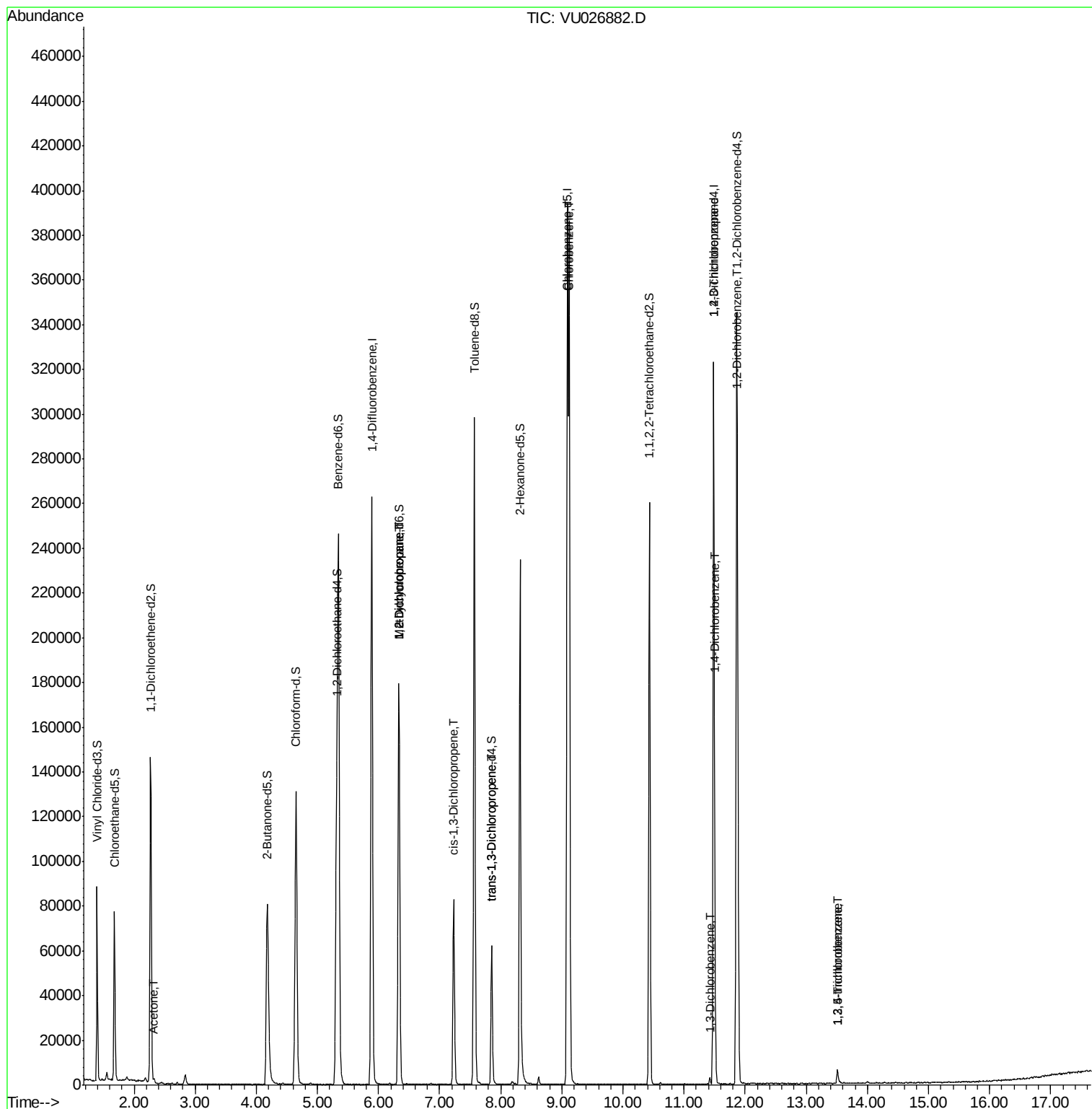
					Qvalue
13) Acetone	2.32	43	1120	1.052	ug/L 68
35) Methylcyclohexane	6.33	83	19841	7.683	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	9446	5.209	ug/L # 86
39) cis-1,3-Dichloropropene	7.23	75	1927	0.752	ug/L # 63
44) trans-1,3-Dichloropropene	7.85	75	1406	0.586	ug/L 83
51) Chlorobenzene	9.12	112	198155	43.713	ug/L 98
59) 1,2,3-Trichloropropane	11.48	75	12152	5.594	ug/L 98
62) 1,3-Dichlorobenzene	11.42	146	1634	0.617	ug/L 97
63) 1,4-Dichlorobenzene	11.51	146	8481	2.910	ug/L 96
65) 1,2-Dichlorobenzene	11.88	146	48601	16.585	ug/L 97
67) 1,3,5-Trichlorobenzene	13.51	180	3302	1.612	ug/L # 90
68) 1,2,4-trichlorobenzene	13.51	180	3302	1.871	ug/L # 89

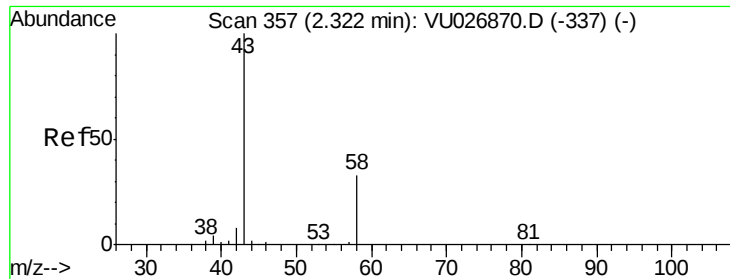
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.052 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

Instrument :

MSVOA_U

ClientSampleId :

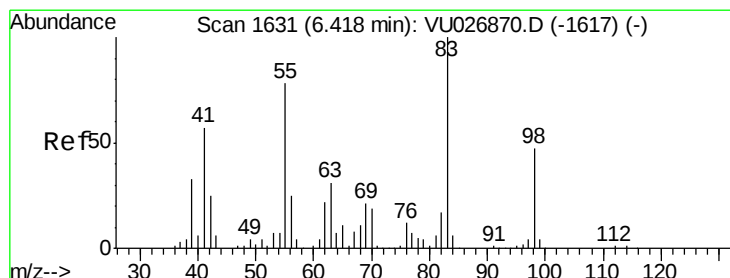
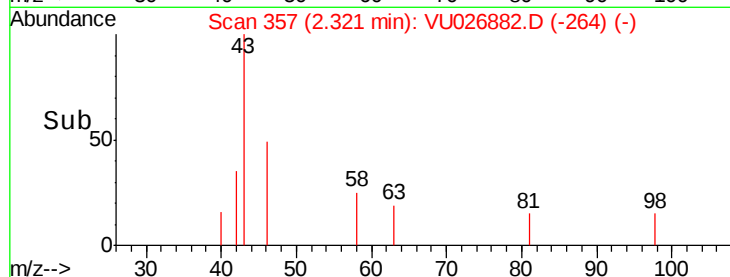
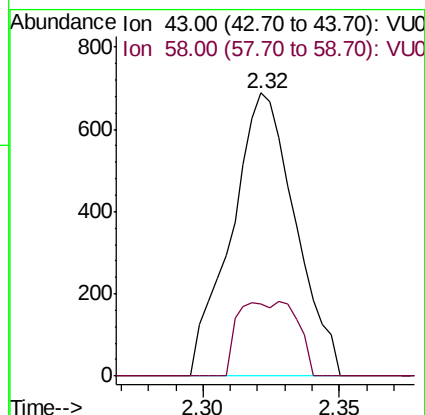
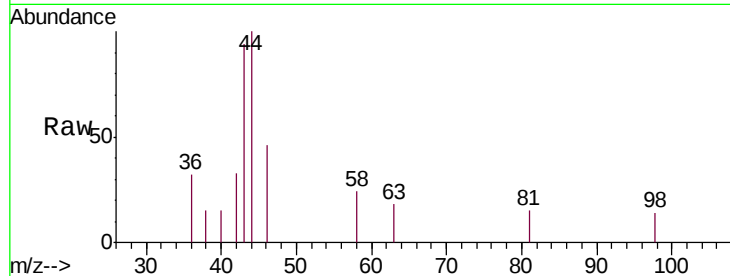
C08L2DL

Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

58 14.3 0.0 64.6



#35

Methylcyclohexane

Concen: 7.683 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

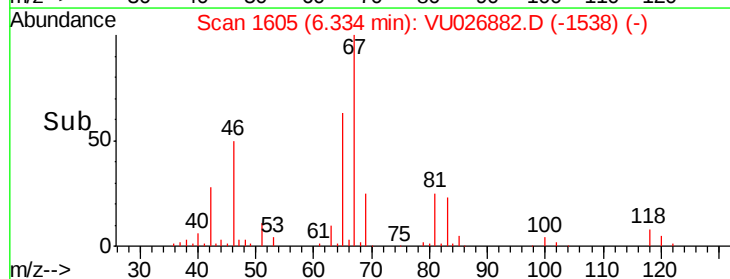
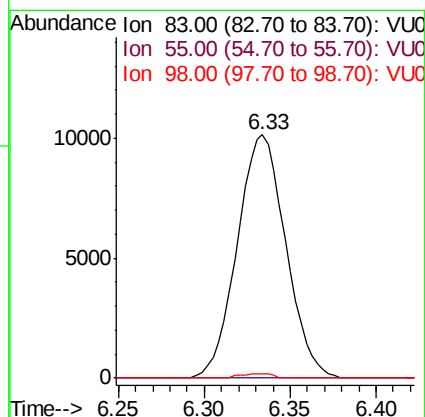
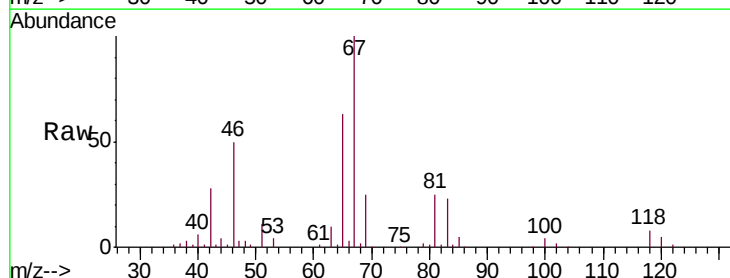
Tgt Ion: 83 Resp: 19841

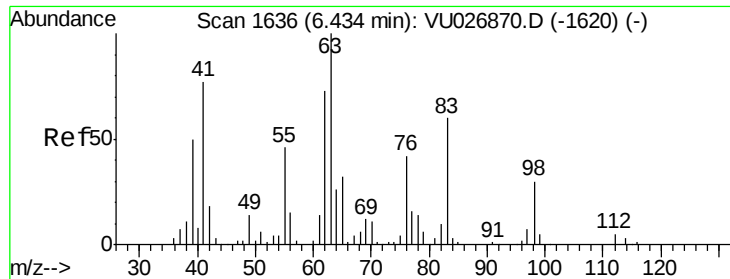
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.1 38.3 57.5#

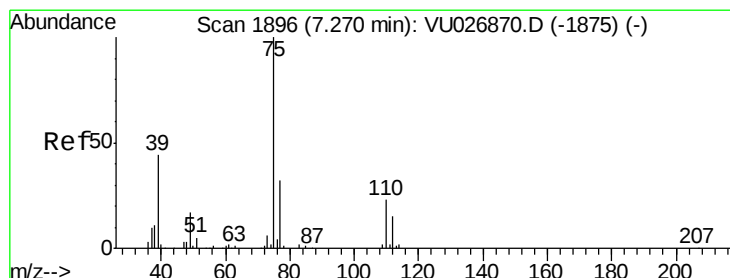
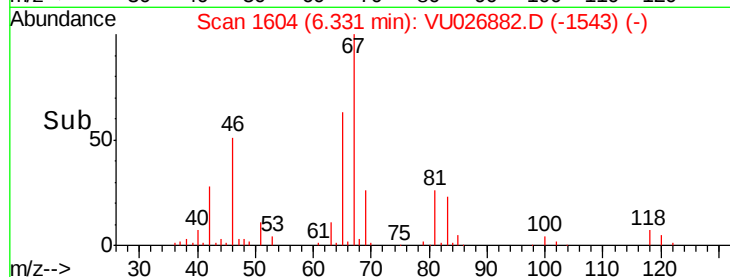
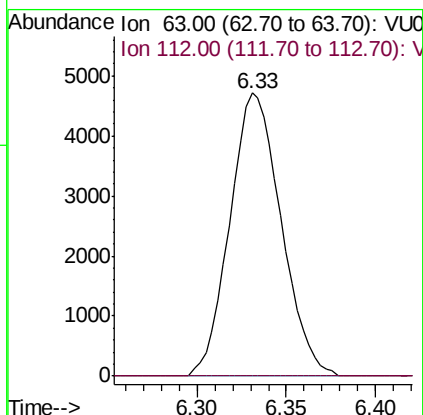
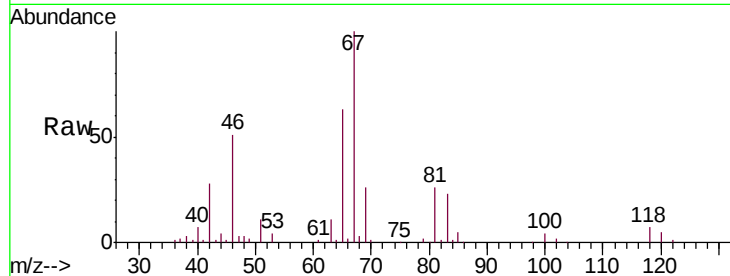




#37
 1,2-Dichloropropane
 Concen: 5.209 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

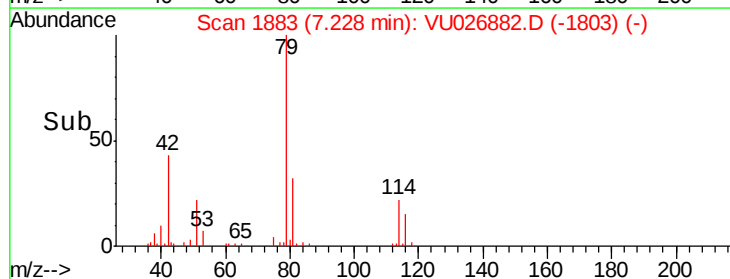
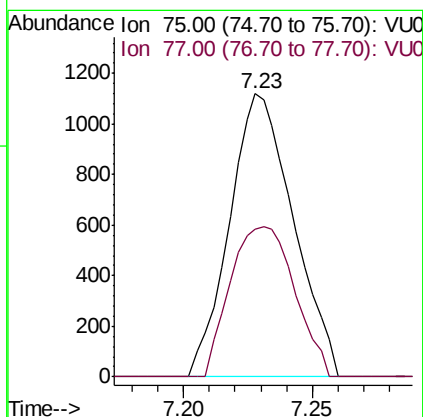
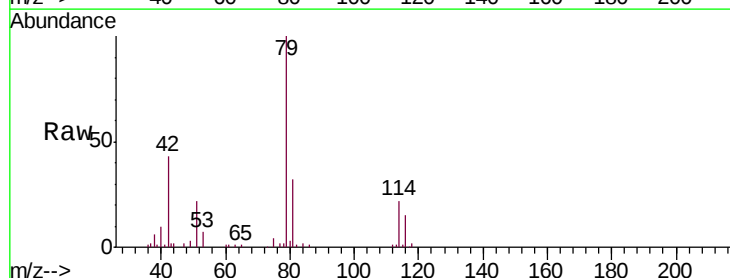
Instrument :
 MSVOA_U
 ClientSampleID :
 C08L2DL

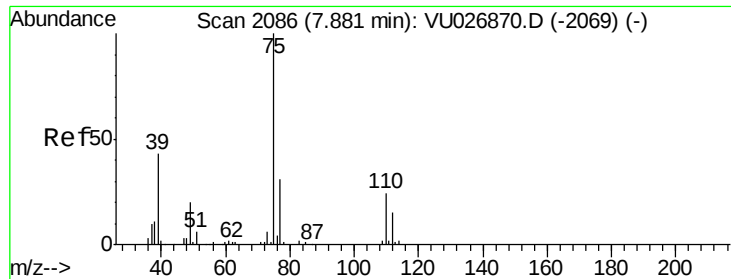
Tgt Ion: 63 Resp: 9446
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.752 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Tgt Ion: 75 Resp: 1927
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.586 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

Instrument :

MSVOA_U

ClientSampleId :

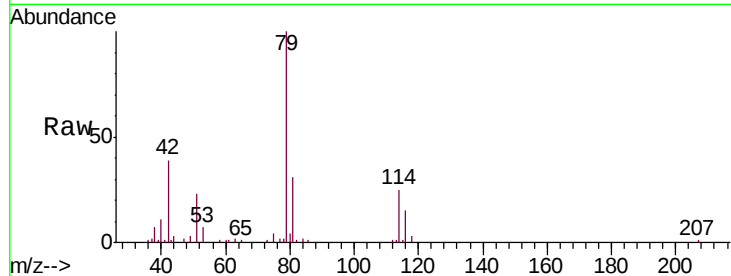
C08L2DL

Tgt Ion: 75 Resp: 1406

Ion Ratio Lower Upper

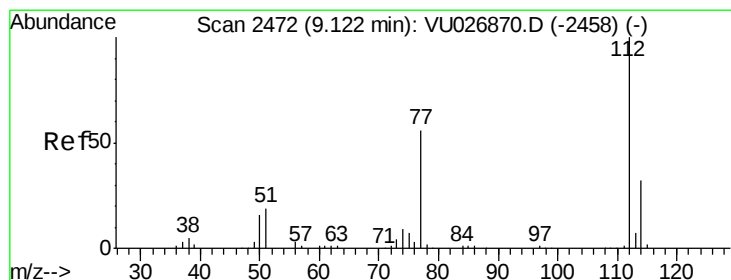
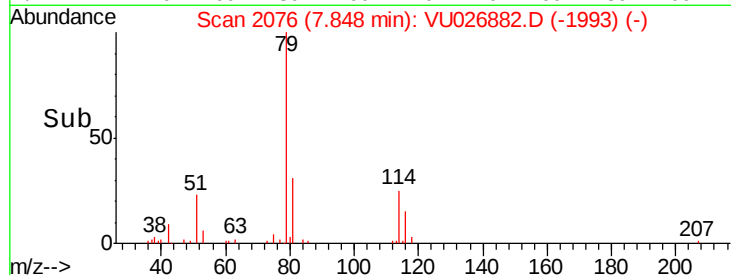
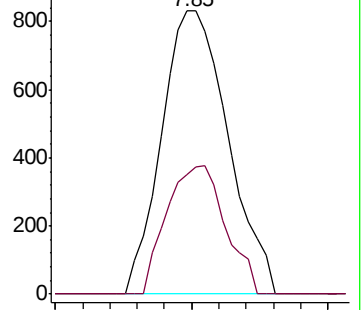
75 100

77 42.1 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#51

Chlorobenzene

Concen: 43.713 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

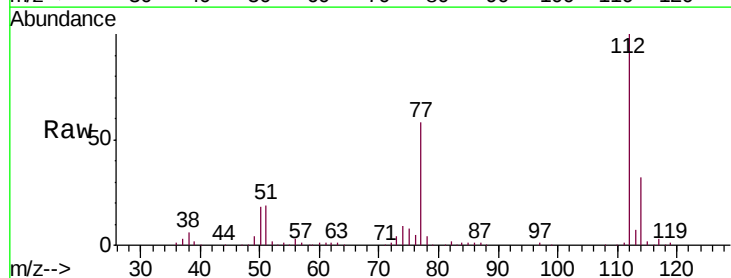
Tgt Ion: 112 Resp: 198155

Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

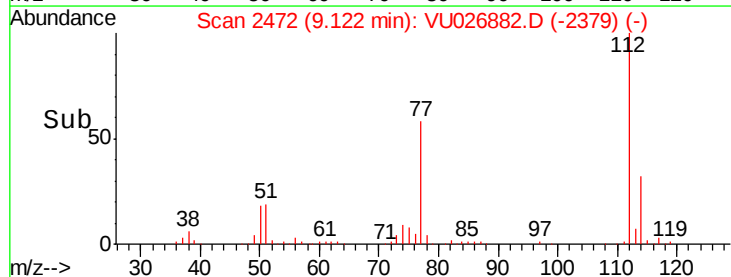
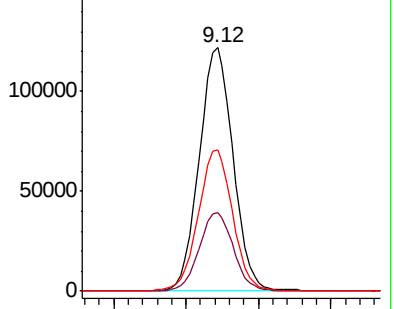
77 58.1 45.1 67.7

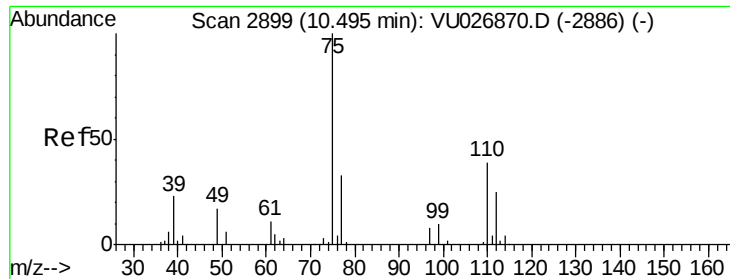


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

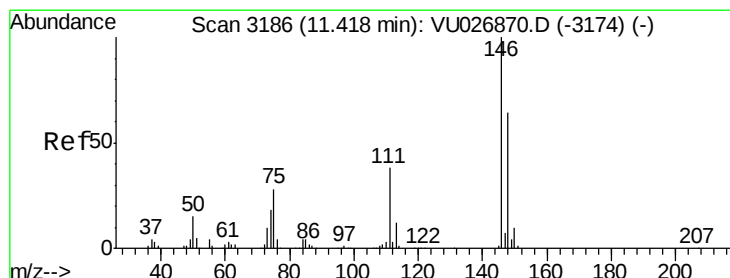
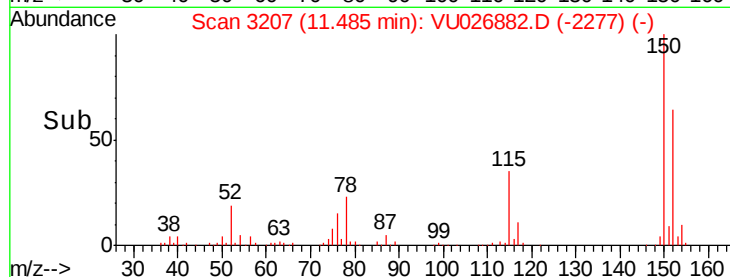
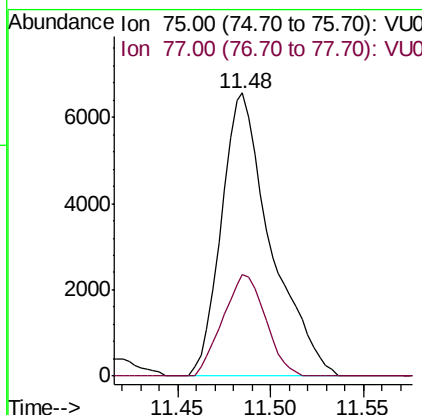
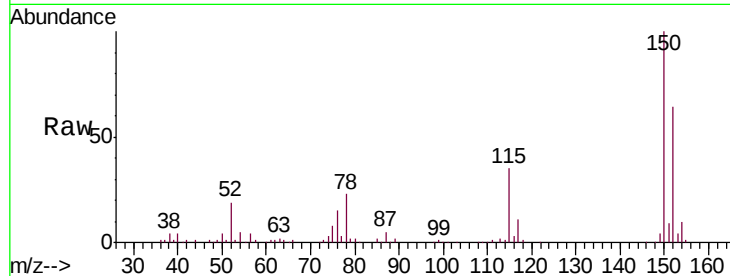




#59
 1,2,3-Trichloropropane
 Concen: 5.594 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

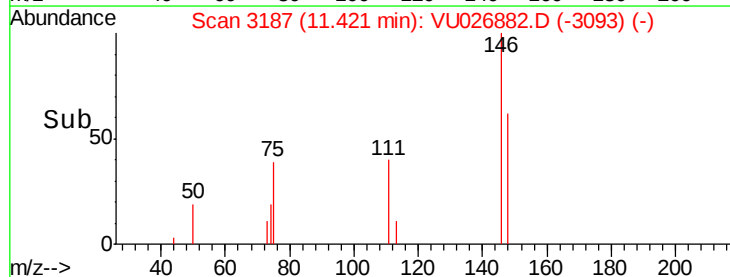
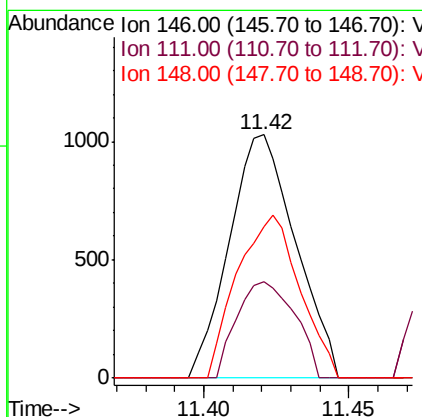
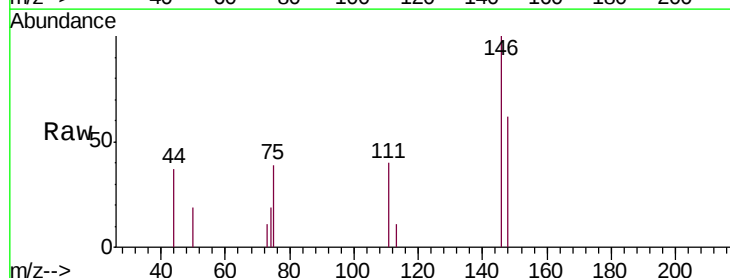
Instrument :
 MSVOA_U
 ClientSampleId :
 C08L2DL

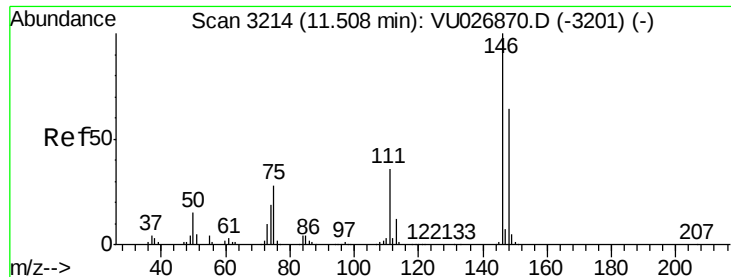
Tgt Ion: 75 Resp: 12152
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3



#62
 1,3-Dichlorobenzene
 Concen: 0.617 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Tgt Ion: 146 Resp: 1634
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.7 49.7
 148 62.1 44.9 83.5





#63

1,4-Dichlorobenzene

Concen: 2.910 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

Instrument :

MSVOA_U

ClientSampleId :

C08L2DL

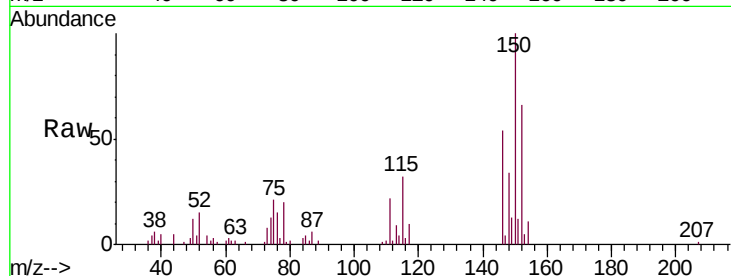
Tgt Ion:146 Resp: 8481

Ion Ratio Lower Upper

146 100

111 40.5 26.0 48.2

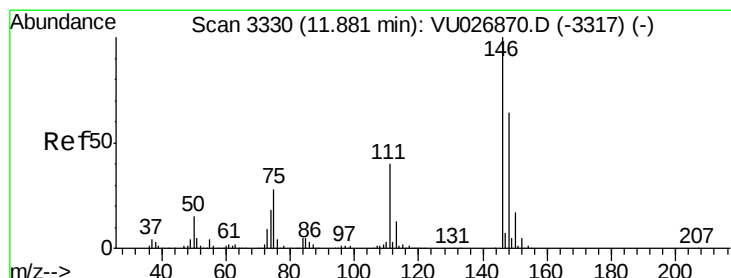
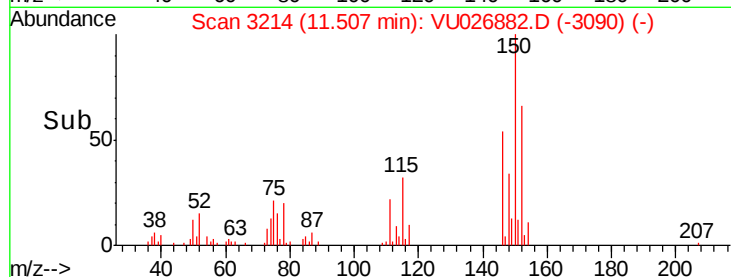
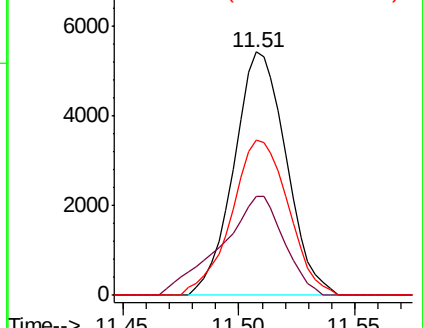
148 63.7 45.8 85.2



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: 16.585 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026882.D

Acq: 18 Sep 2018 22:59

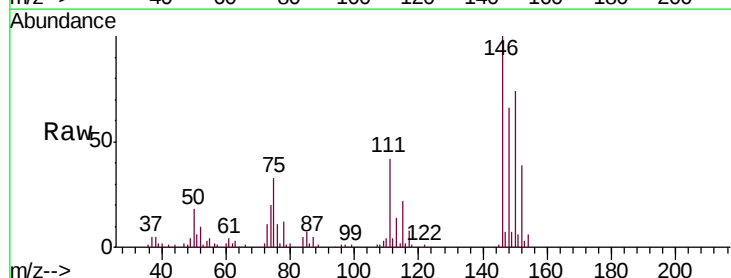
Tgt Ion:146 Resp: 48601

Ion Ratio Lower Upper

146 100

111 41.6 31.4 47.0

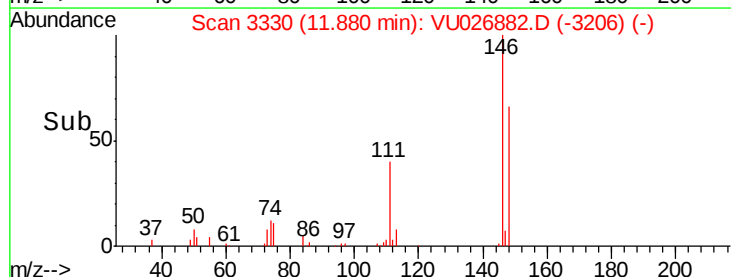
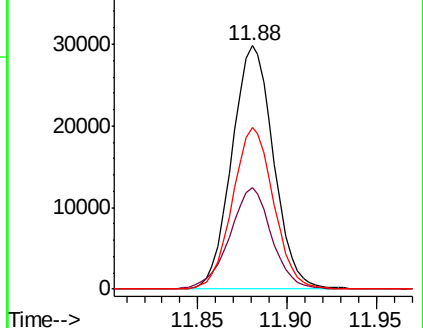
148 66.3 51.4 77.2

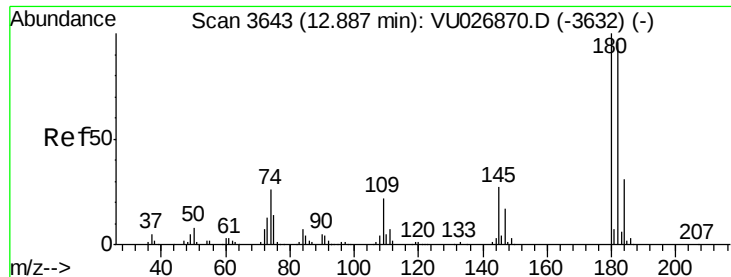


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

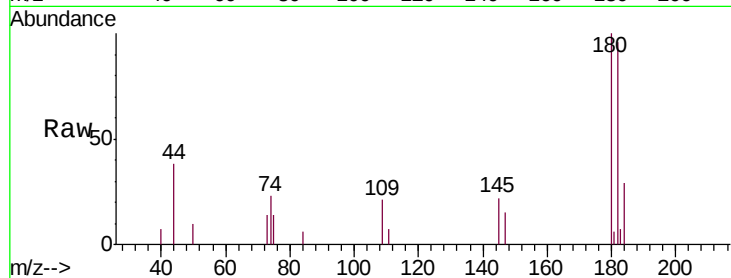




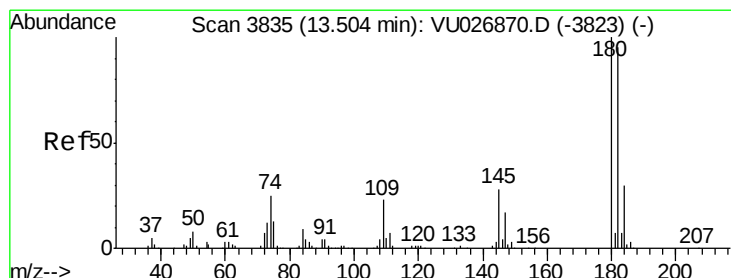
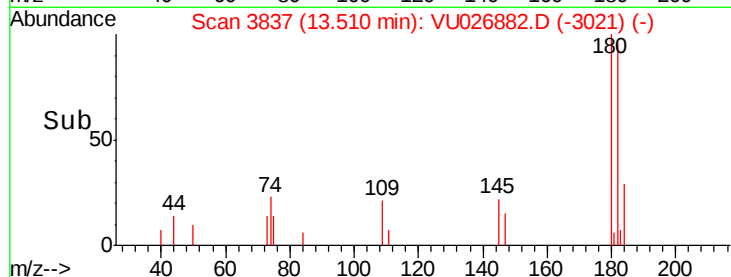
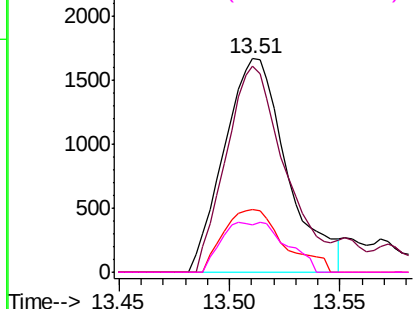
#67
 1,3,5-Trichlorobenzene
 Concen: 1.612 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.62 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Instrument :
 MSVOA_U
 ClientSampleID :
 C08L2DL

Tgt Ion:180 Resp: 3302
 Ion Ratio Lower Upper
 180 100
 182 90.4 76.7 115.1
 184 27.3 24.2 36.4
 145 12.4 21.8 32.6#

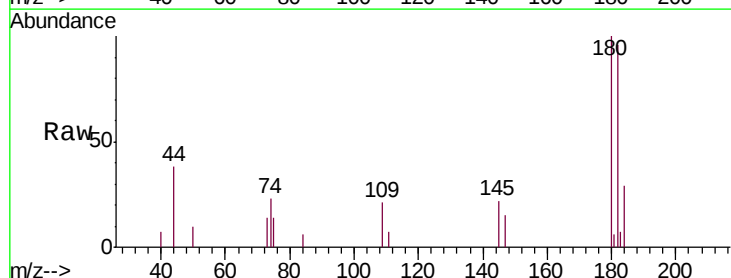


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.871 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026882.D
 Acq: 18 Sep 2018 22:59

Tgt Ion:180 Resp: 3302
 Ion Ratio Lower Upper
 180 100
 182 90.4 76.8 115.2
 145 12.4 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

