

Data File : VU026881.D
Acq On : 18 Sep 2018 22:36
Operator : MD/SY
Sample : J4896-17DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08P3DL

Quant Time: Sep 19 07:40:55 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	227006	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53530	31.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.76%
7) Chloroethane-d5	1.68	69	52615	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.22%
11) 1,1-Dichloroethene-d2	2.27	63	81619	25.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.38%#
21) 2-Butanone-d5	4.18	46	122355	109.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.80%
24) Chloroform-d	4.65	84	130991	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
26) 1,2-Dichloroethane-d4	5.31	65	86915	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
32) Benzene-d6	5.34	84	243271	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
36) 1,2-Dichloropropane-d6	6.33	67	86684	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.58%
41) Toluene-d8	7.57	98	195163	35.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.12%#
43) trans-1,3-Dichloropropene-	7.85	79	33723	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
47) 2-Hexanone-d5	8.31	63	82175	106.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129746	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	87211	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%

Target Compounds

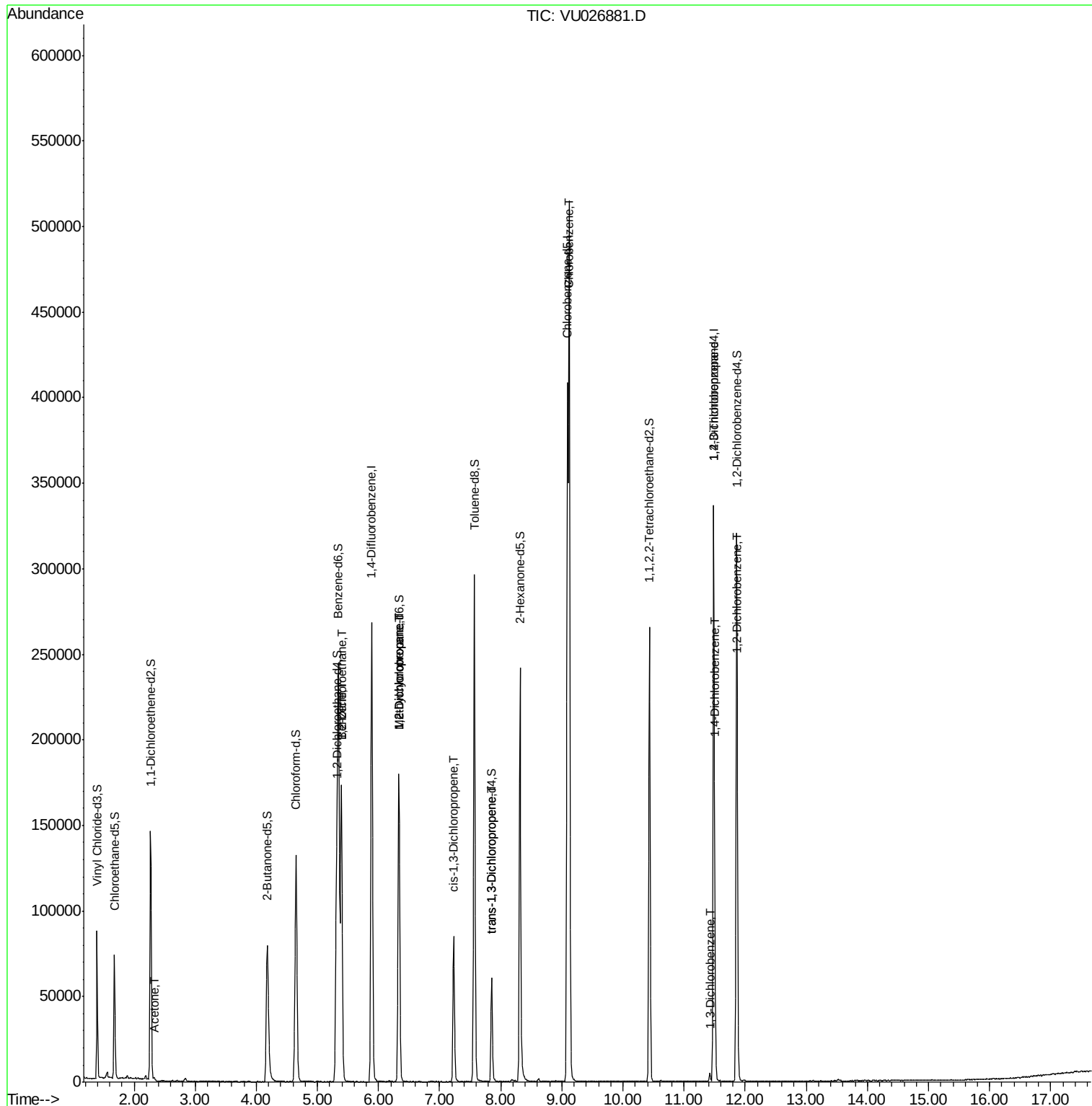
					Qvalue
13) Acetone	2.32	43	865	0.790 ug/L	80
27) 1,2-Dichloroethane	5.40	62	1355	0.548 ug/L #	72
33) Benzene	5.39	78	169873	25.277 ug/L	100
35) Methylcyclohexane	6.33	83	19994	7.606 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8999	4.875 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	1996	0.765 ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1467	0.601 ug/L	99
51) Chlorobenzene	9.12	112	273050	59.171 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	14202	6.422 ug/L	92
62) 1,3-Dichlorobenzene	11.42	146	2438	0.897 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	13631	4.555 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	5558	1.847 ug/L	98

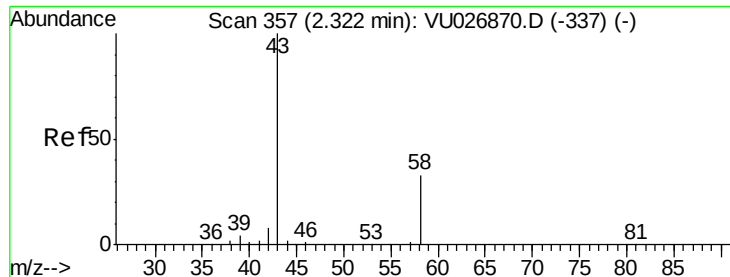
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.790 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

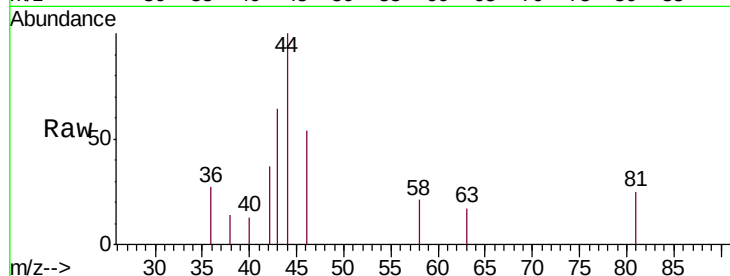
C08P3DL

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

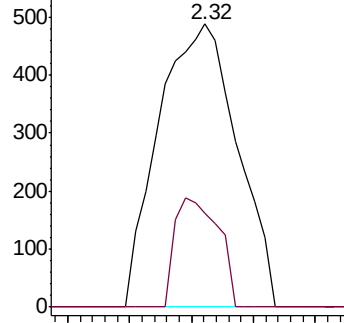
43 100

58 21.2 0.0 64.6

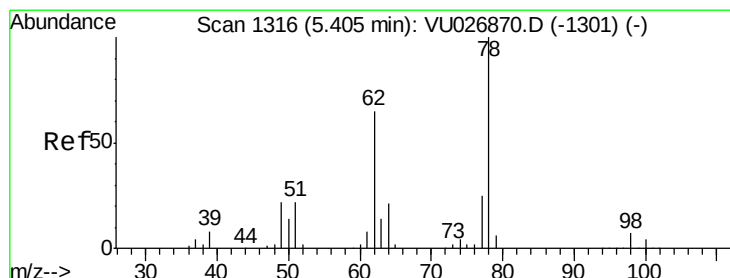
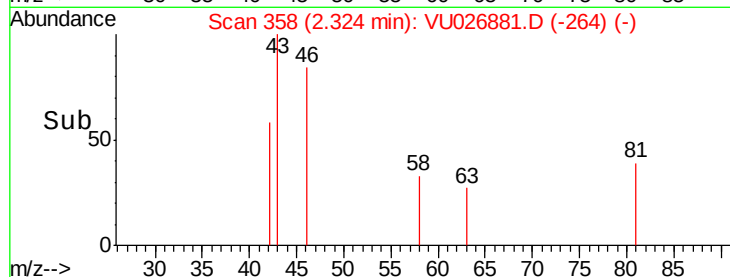


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#27

1,2-Dichloroethane

Concen: 0.548 ug/L

RT: 5.40 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VU026881.D

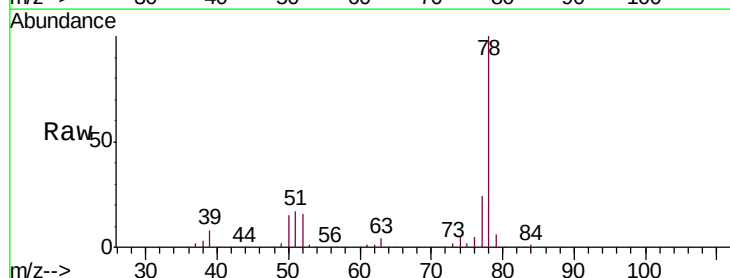
Acq: 18 Sep 2018 22:36

Tgt Ion: 62 Resp: 1355

Ion Ratio Lower Upper

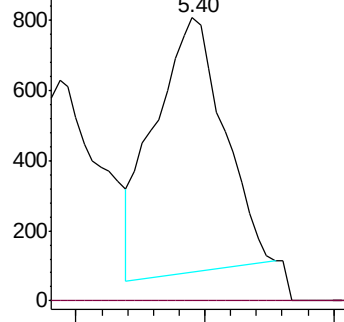
62 100

98 0.0 8.2 12.4#

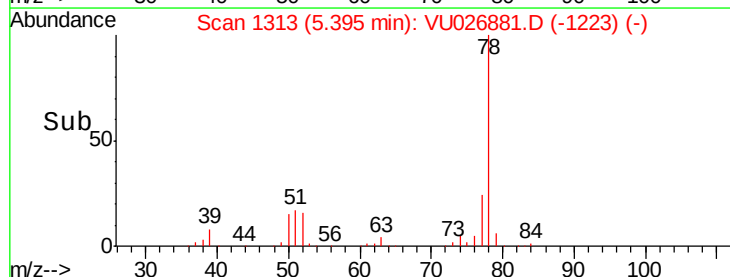


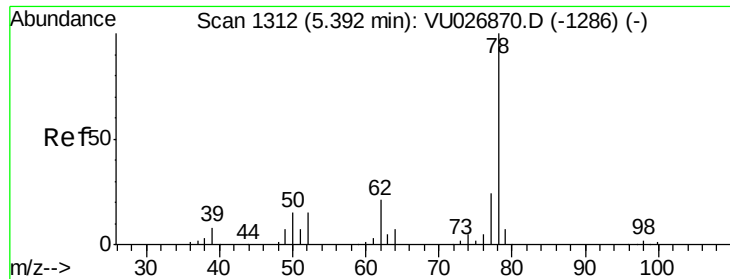
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->





#33

Benzene

Concen: 25.277 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

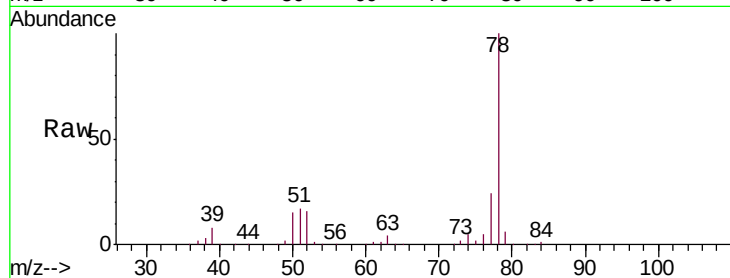
Instrument :

MSVOA_U

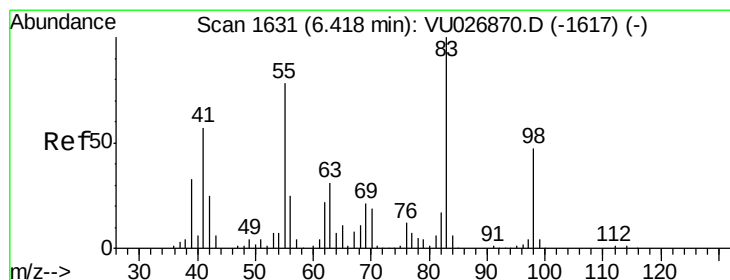
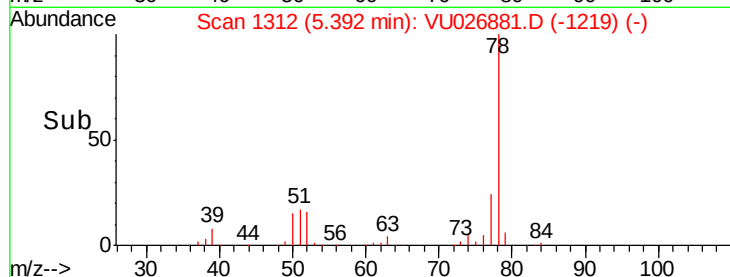
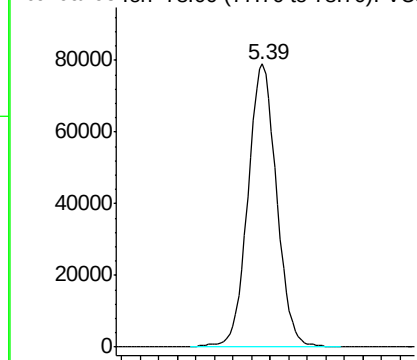
ClientSampleId :

C08P3DL

Tgt Ion: 78 Resp: 169873



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 7.606 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

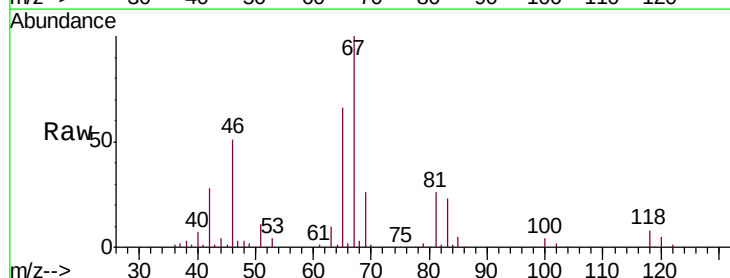
Tgt Ion: 83 Resp: 19994

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

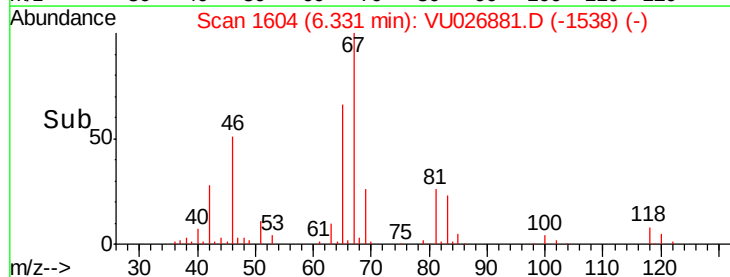
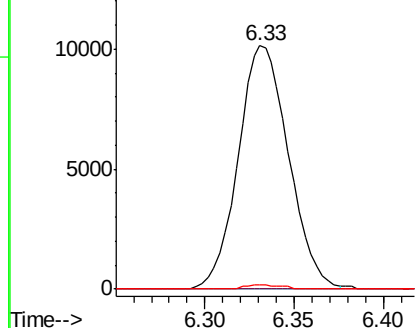
98 1.1 38.3 57.5#

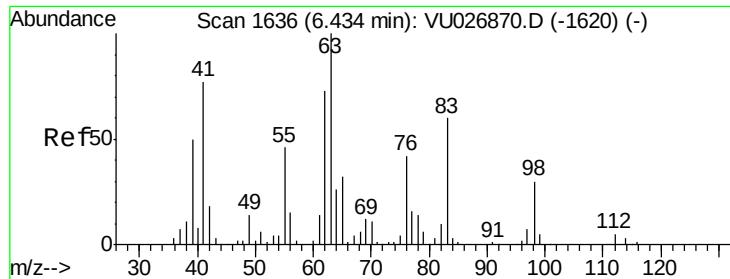


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

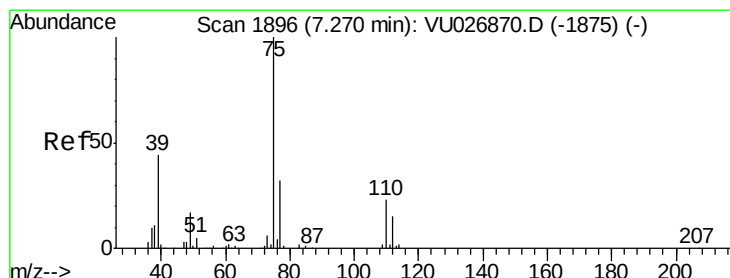
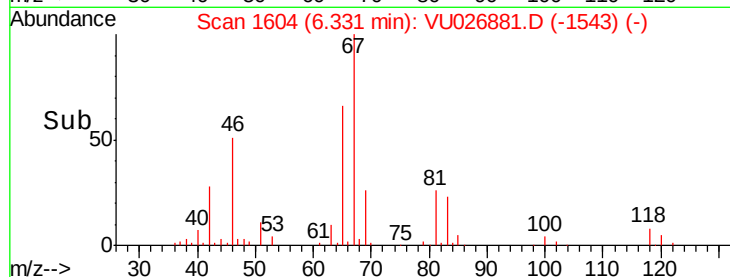
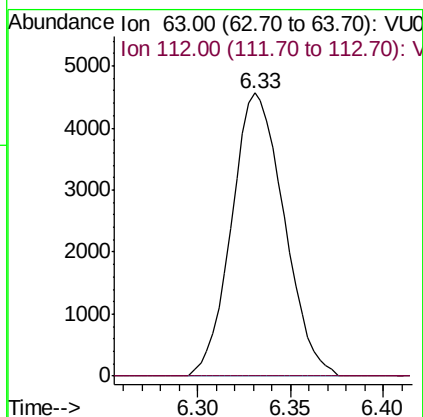
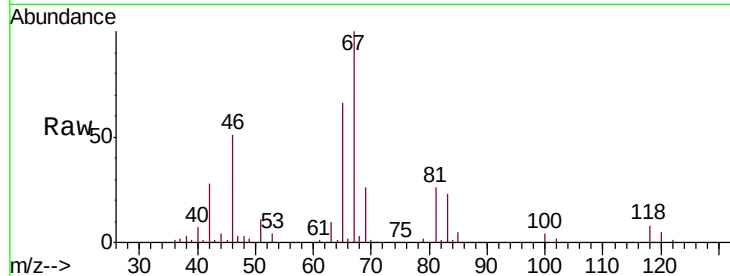




#37
 1,2-Dichloropropane
 Concen: 4.875 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026881.D
 Acq: 18 Sep 2018 22:36

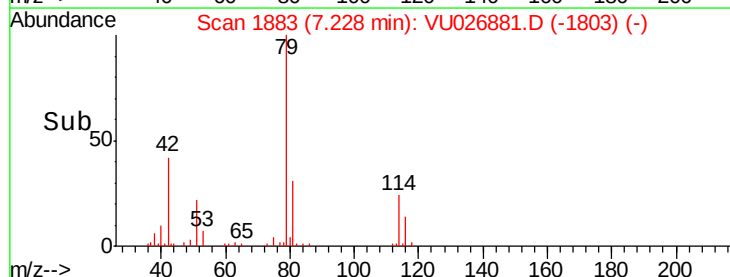
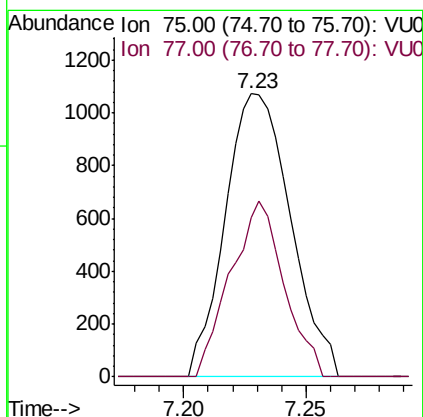
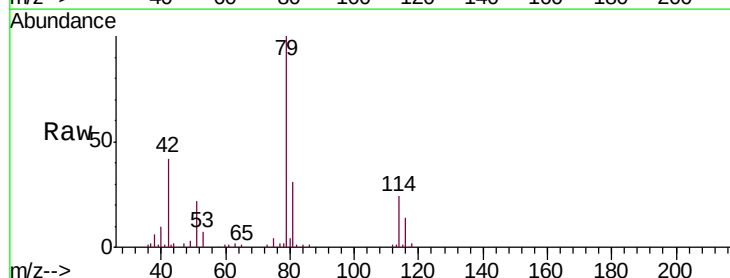
Instrument :
 MSVOA_U
 ClientSampleId :
 C08P3DL

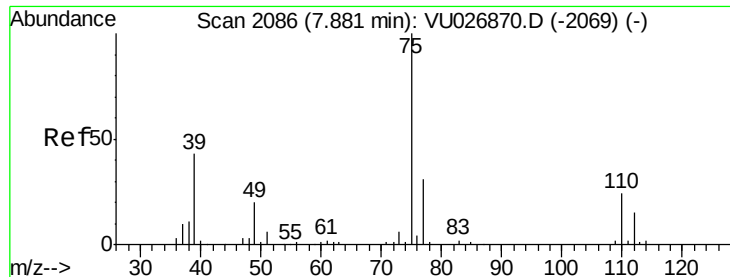
Tgt Ion: 63 Resp: 8999
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026881.D
 Acq: 18 Sep 2018 22:36

Tgt Ion: 75 Resp: 1996
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.601 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

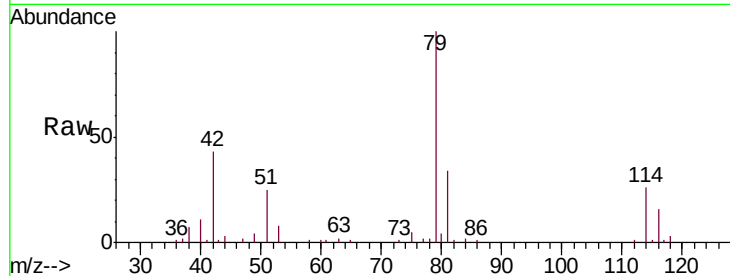
C08P3DL

Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

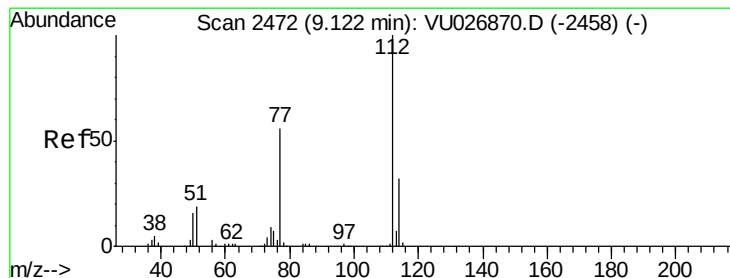
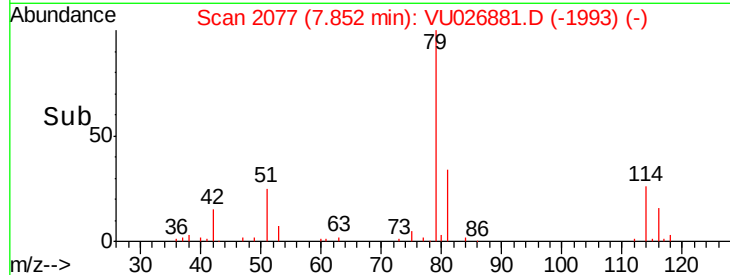
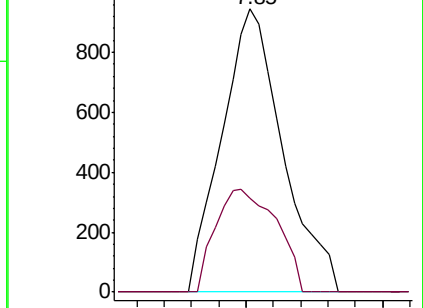
75 100

77 33.2 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: 59.171 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

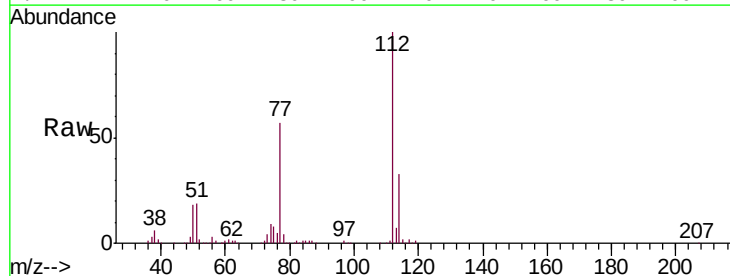
Tgt Ion: 112 Resp: 273050

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

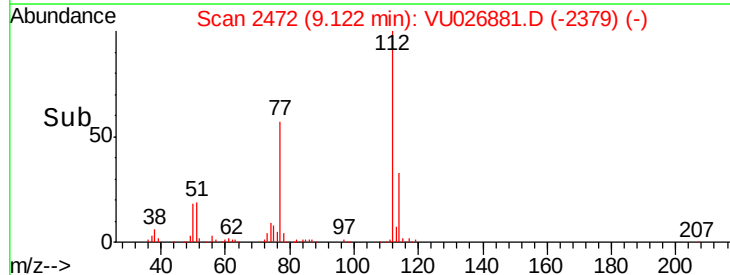
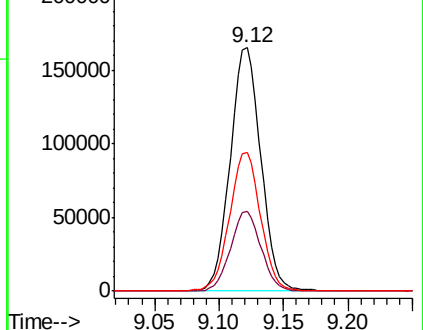
77 57.2 45.1 67.7

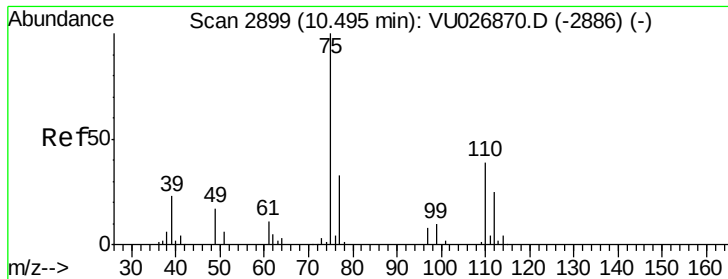


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

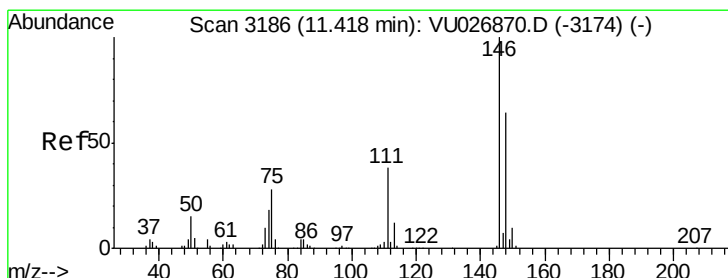
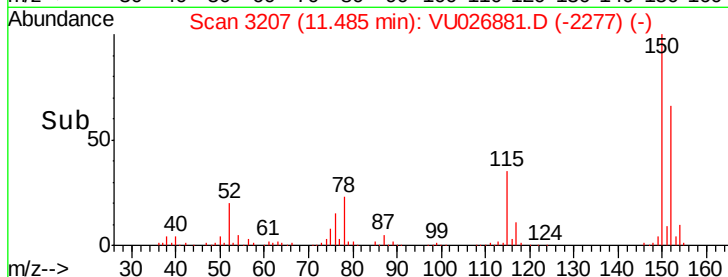
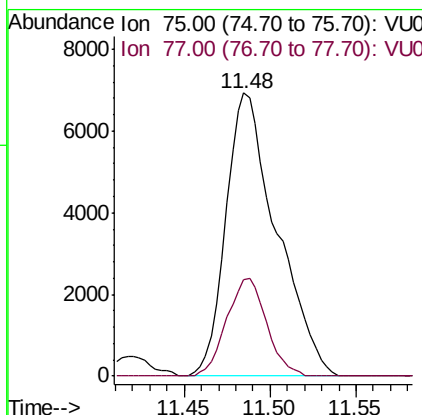
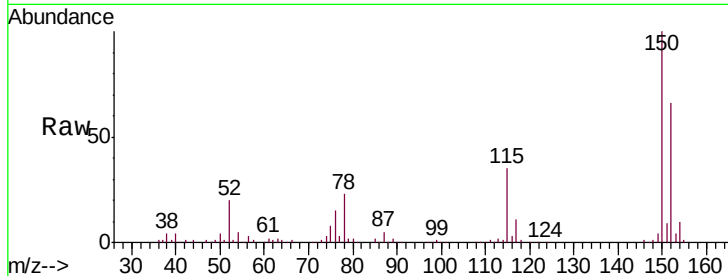




#59
 1,2,3-Trichloropropane
 Concen: 6.422 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026881.D
 Acq: 18 Sep 2018 22:36

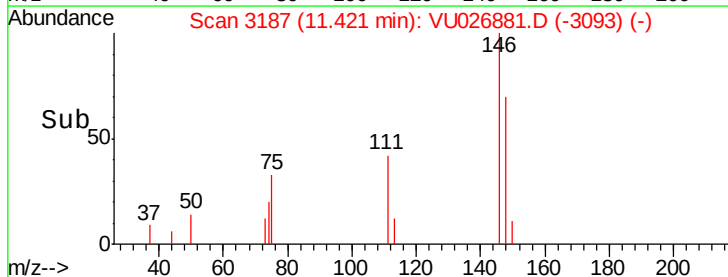
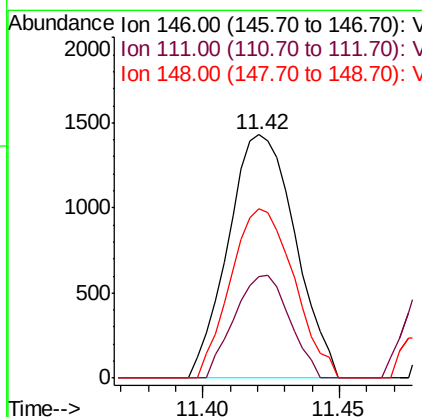
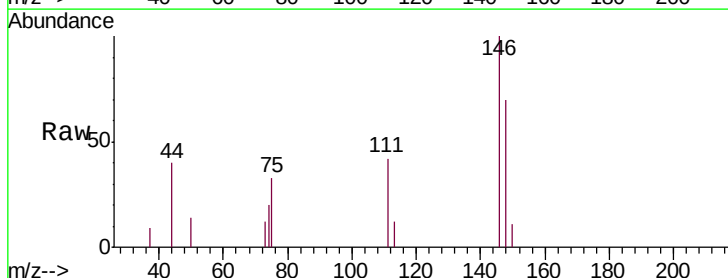
Instrument :
 MSVOA_U
 ClientSampleId :
 C08P3DL

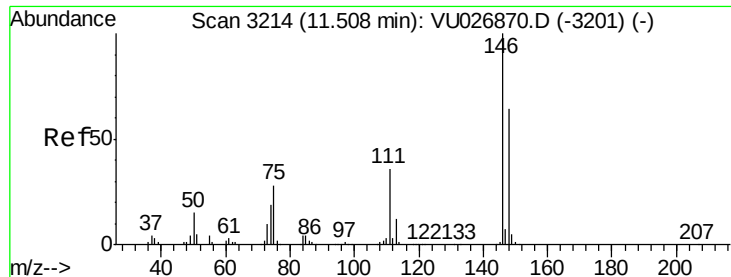
Tgt Ion: 75 Resp: 14202
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.5 38.3



#62
 1,3-Dichlorobenzene
 Concen: 0.897 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026881.D
 Acq: 18 Sep 2018 22:36

Tgt Ion: 146 Resp: 2438
 Ion Ratio Lower Upper
 146 100
 111 41.6 26.7 49.7
 148 69.5 44.9 83.5





#63

1,4-Dichlorobenzene

Concen: 4.555 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

C08P3DL

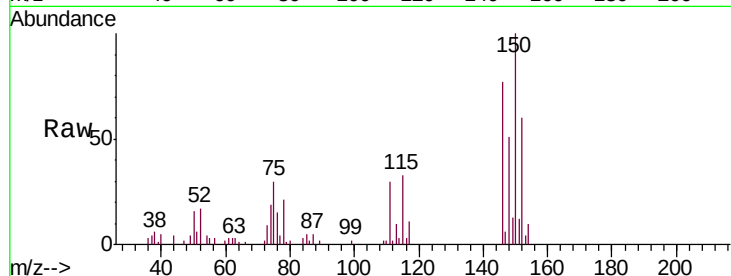
Tgt Ion:146 Resp: 13631

Ion Ratio Lower Upper

146 100

111 38.1 26.0 48.2

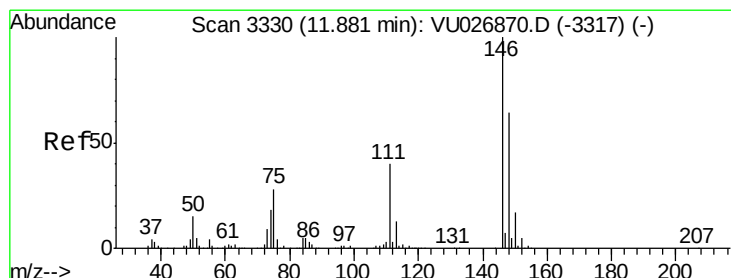
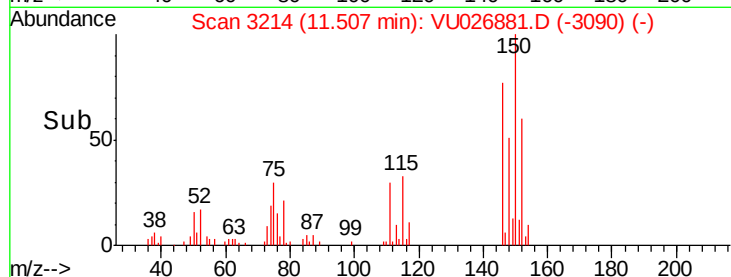
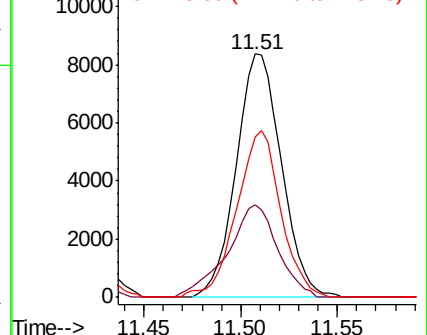
148 65.9 45.8 85.2



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: 1.847 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026881.D

Acq: 18 Sep 2018 22:36

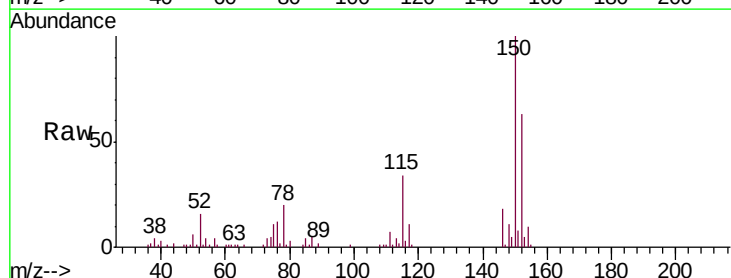
Tgt Ion:146 Resp: 5558

Ion Ratio Lower Upper

146 100

111 40.2 31.4 47.0

148 62.5 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

