

Data File : VU026861.D
Acq On : 18 Sep 2018 14:51
Operator : MD/SY
Sample : J4896-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M4

Quant Time: Sep 19 05:08:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	231059	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76052	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.68	69	69312	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.27	63	112298	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.44%
21) 2-Butanone-d5	4.18	46	131860	116.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.25%
24) Chloroform-d	4.65	84	154520	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.31	65	102695	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
32) Benzene-d6	5.34	84	314551	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
36) 1,2-Dichloropropane-d6	6.33	67	104296	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.52%
41) Toluene-d8	7.57	98	264019	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	7.85	79	42649	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.31	63	91337	116.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142309	51.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	104574	55.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.48%

Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	1149	0.846	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1005	0.630	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	904	0.603	ug/L #	1
13) Acetone	2.32	43	785	0.704	ug/L	81
33) Benzene	5.39	78	4005	0.584	ug/L	100
37) 1,2-Dichloropropane	6.33	63	10905	5.793	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2320	0.872	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1699	0.682	ug/L	99
51) Chlorobenzene	9.12	112	50595	10.753	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	11476	5.090	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	6252	2.274	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	27767	9.173	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	12684	4.167	ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	3486	1.639	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	3486	1.902	ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

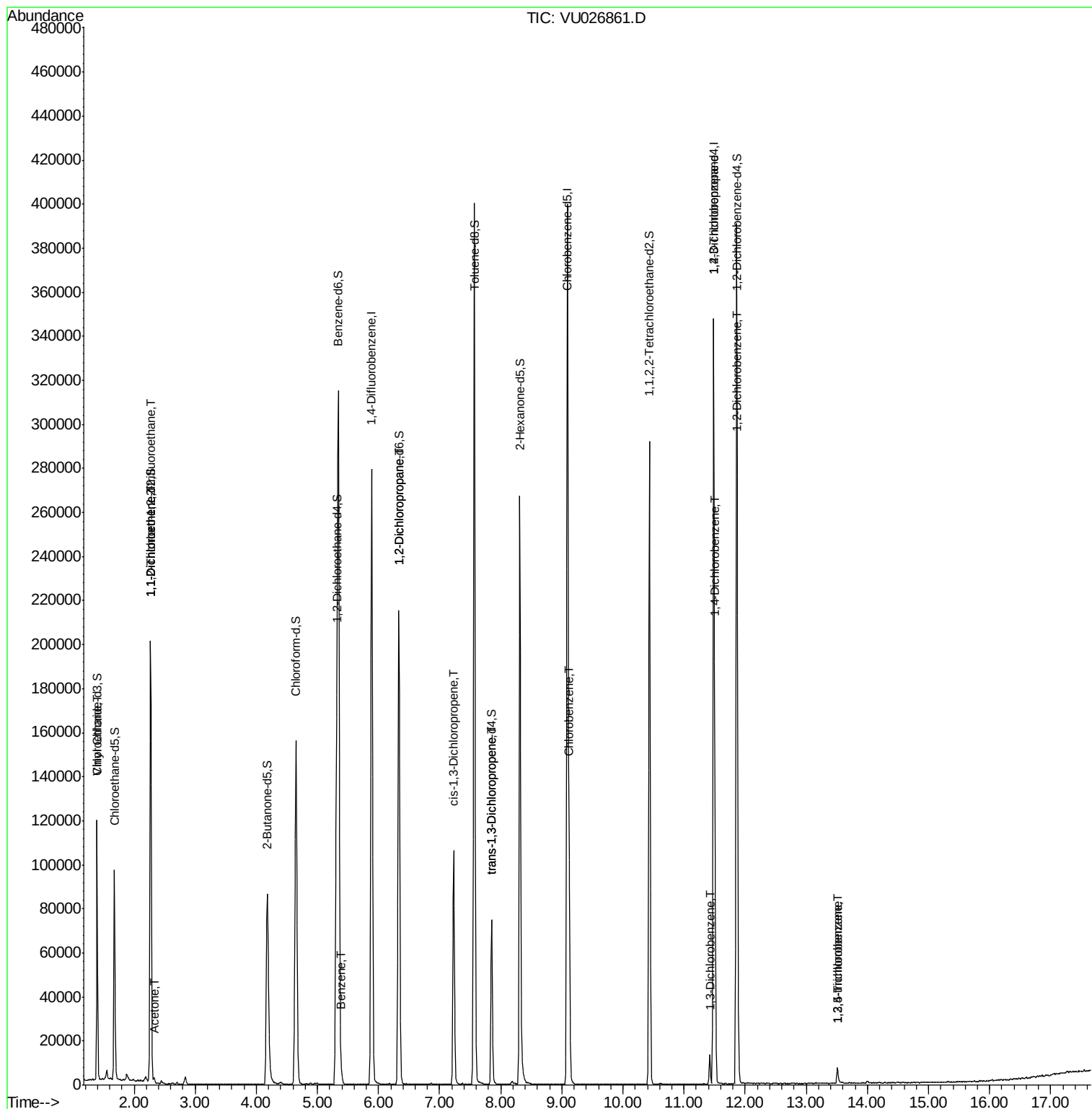
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

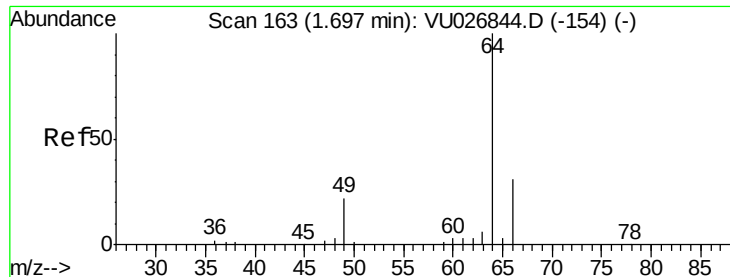
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : VOC Analysis
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#8

Chloroethane

Concen: 0.846 ug/L

RT: 1.40 min Scan# 69

Delta R.T. -0.30 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

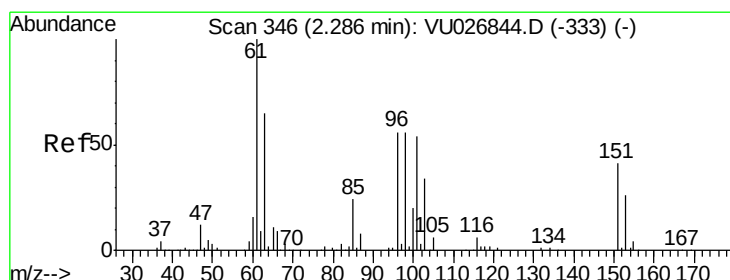
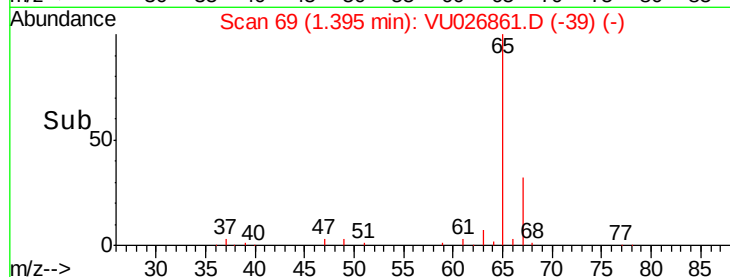
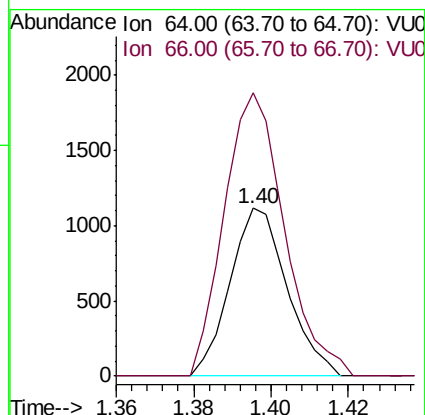
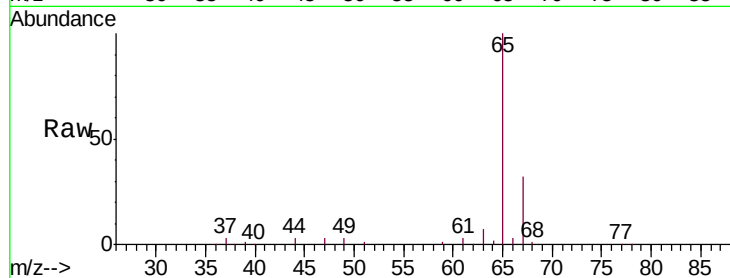
C08M4

Tgt Ion: 64 Resp: 1149

Ion Ratio Lower Upper

64 100

66 168.3 23.0 42.8#



#10

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

Concen: 0.630 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

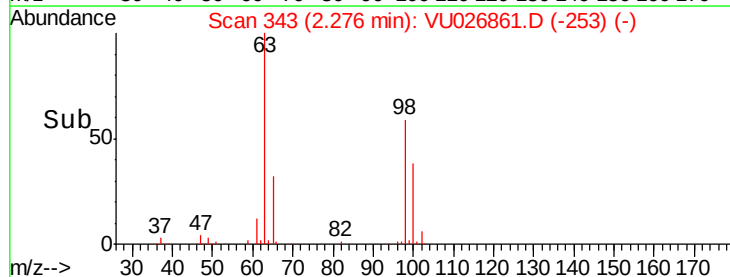
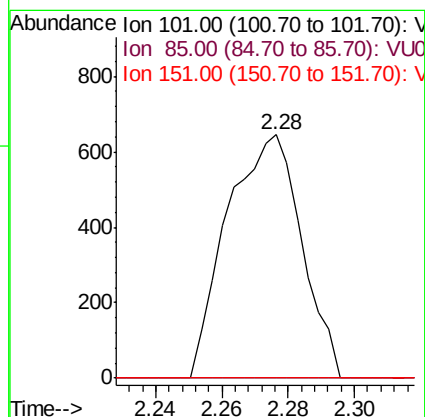
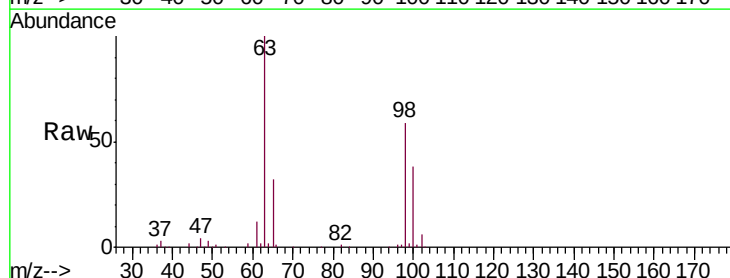
Tgt Ion: 101 Resp: 1005

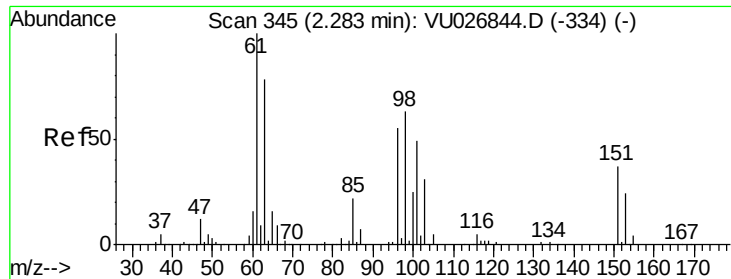
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#

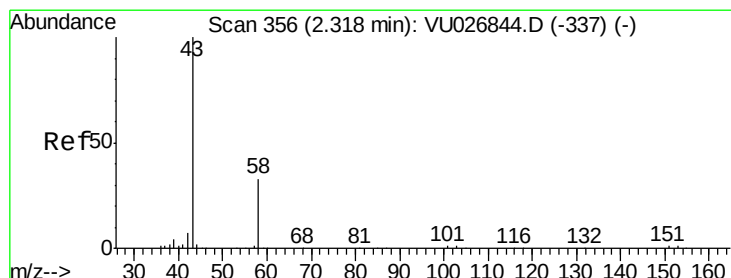
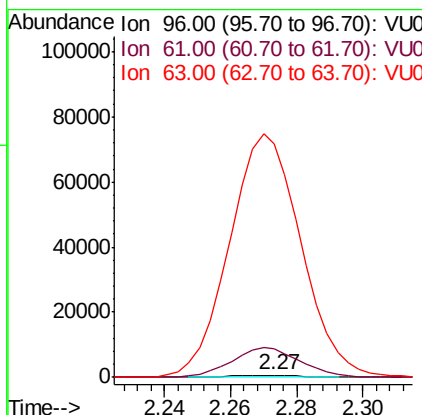
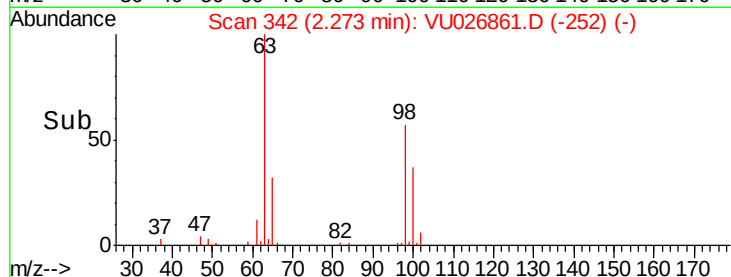
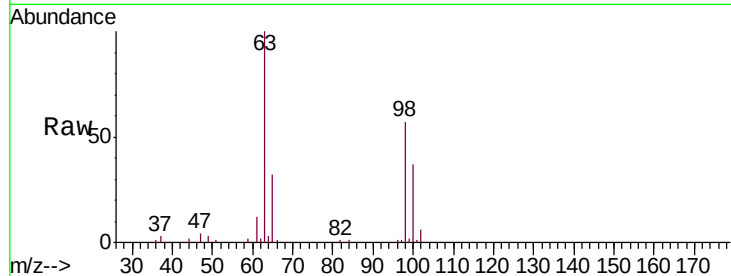




#12
 1,1-Dichloroethene
 Concen: 0.603 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

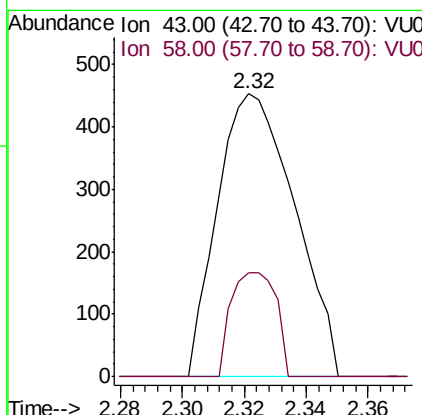
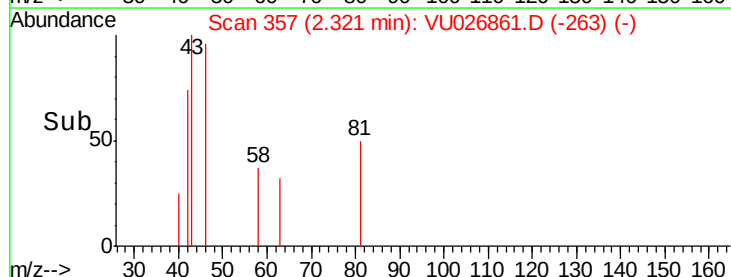
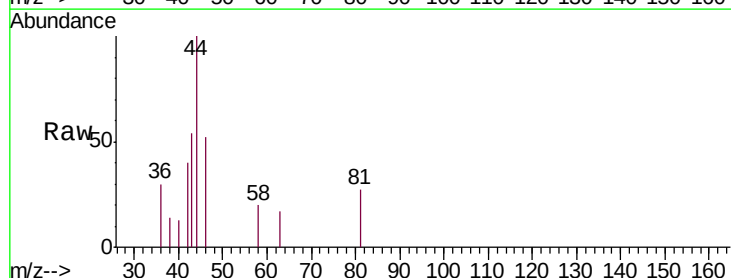
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

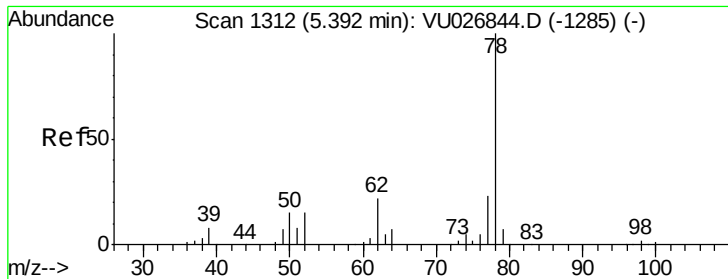
Tgt Ion: 96 Resp: 904
 Ion Ratio Lower Upper
 96 100
 61 1443.8 124.0 230.4#
 63 11832.6 97.7 181.5#



#13
 Acetone
 Concen: 0.704 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

Tgt Ion: 43 Resp: 785
 Ion Ratio Lower Upper
 43 100
 58 21.4 0.0 64.6





#33

Benzene

Concen: 0.584 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

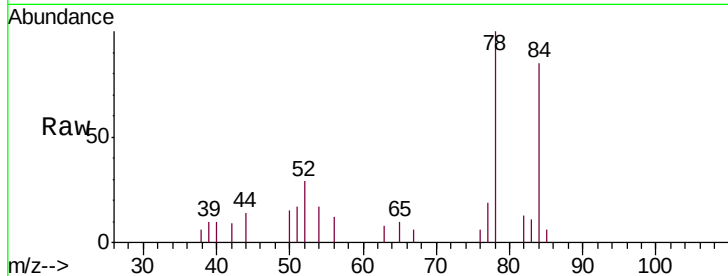
Instrument :

MSVOA_U

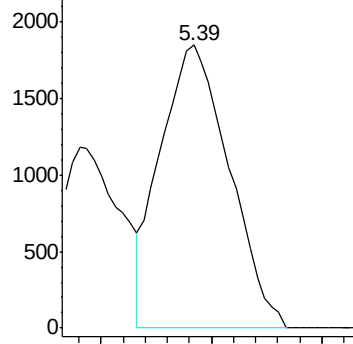
ClientSampleId :

C08M4

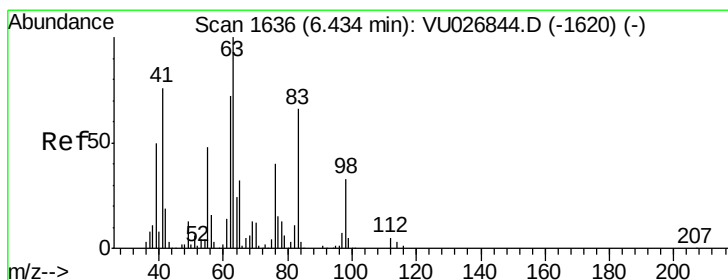
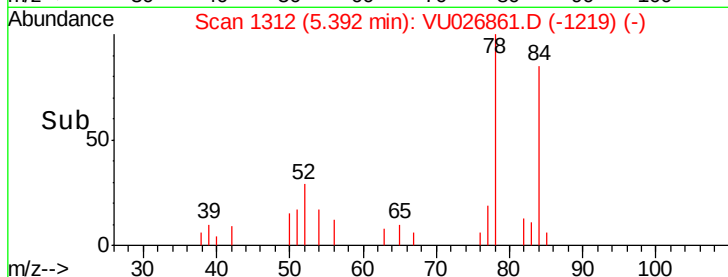
Tgt Ion: 78 Resp: 4005



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#37

1,2-Dichloropropane

Concen: 5.793 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026861.D

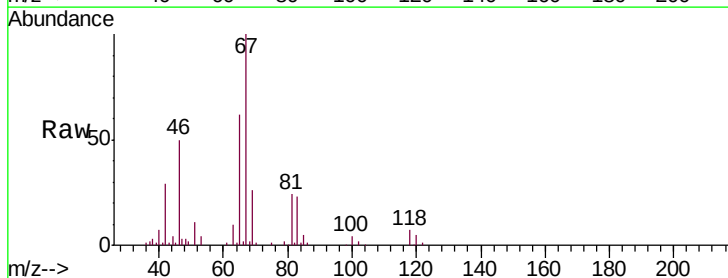
Acq: 18 Sep 2018 14:51

Tgt Ion: 63 Resp: 10905

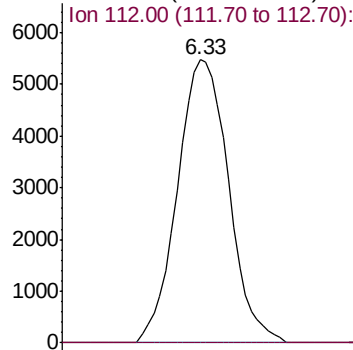
Ion Ratio Lower Upper

63 100

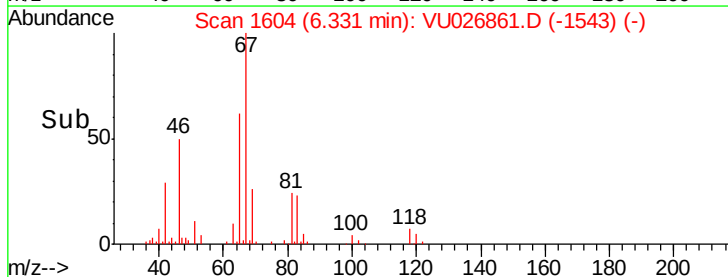
112 0.0 3.7 5.5#

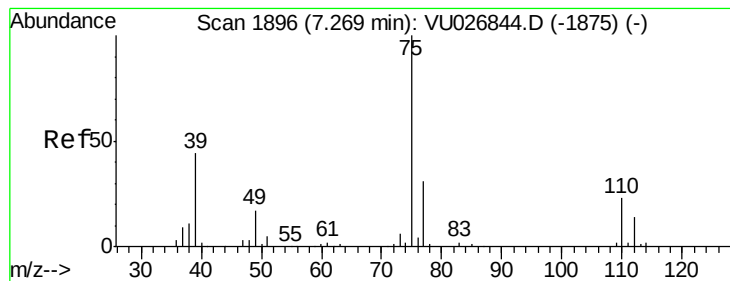


Abundance Ion 63.00 (62.70 to 63.70): VU0



Time-->



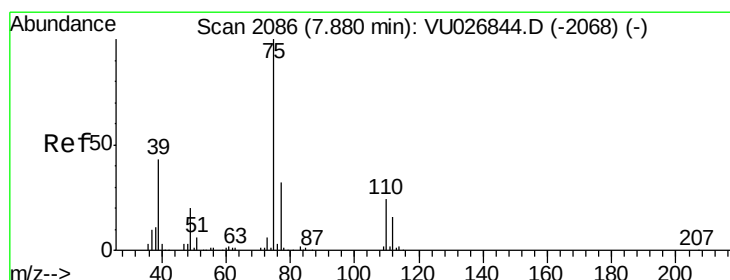
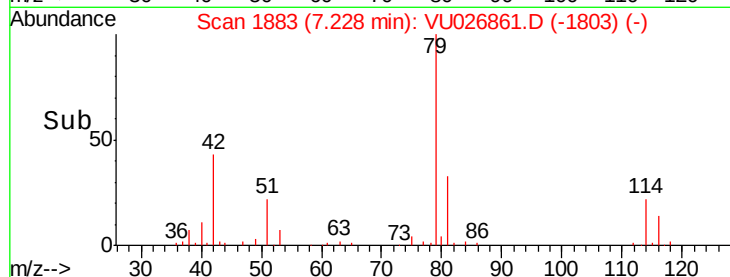
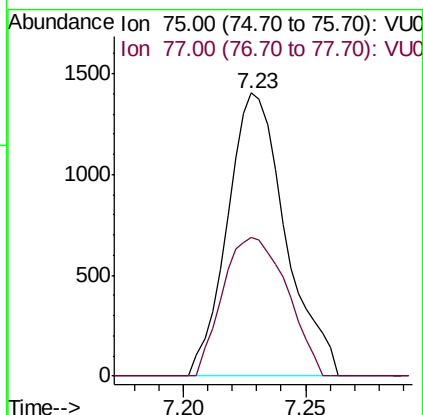
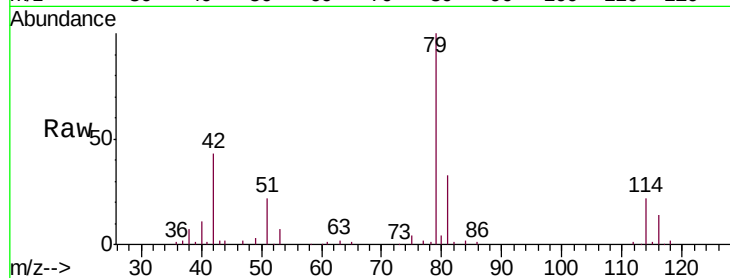


#39

cis-1,3-Dichloropropene
 Concen: 0.872 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

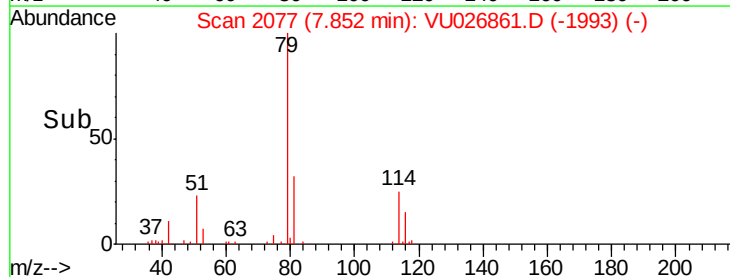
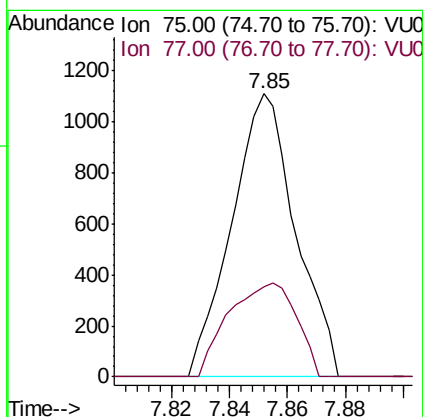
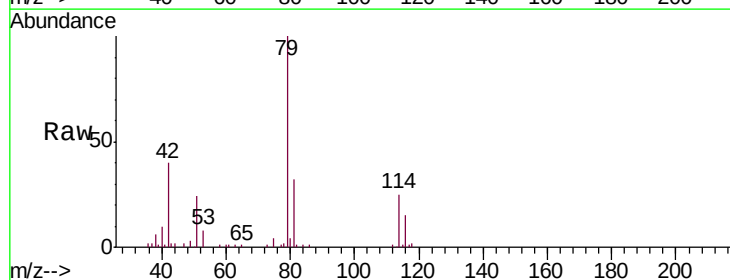
Tgt Ion: 75 Resp: 2320
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.1 41.1#

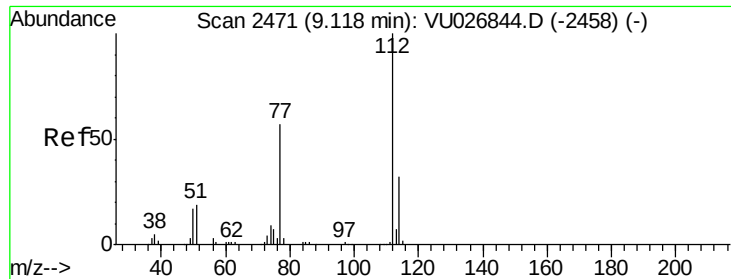


#44

trans-1,3-Dichloropropene
 Concen: 0.682 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

Tgt Ion: 75 Resp: 1699
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.8 42.4

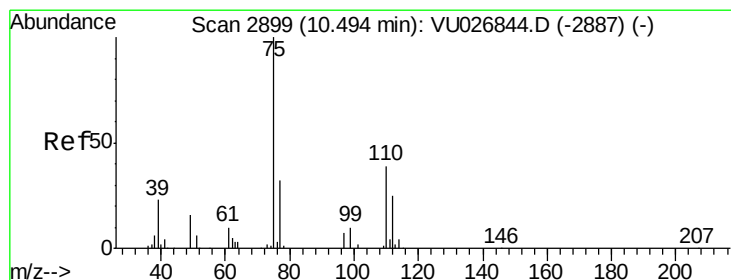
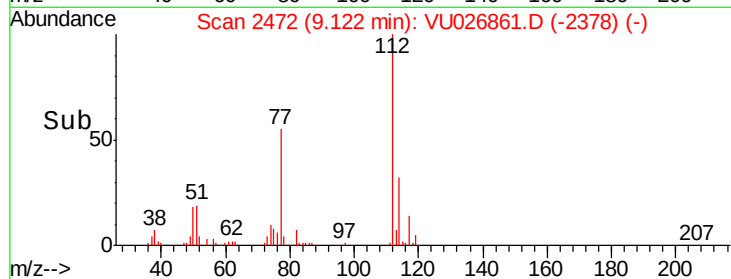
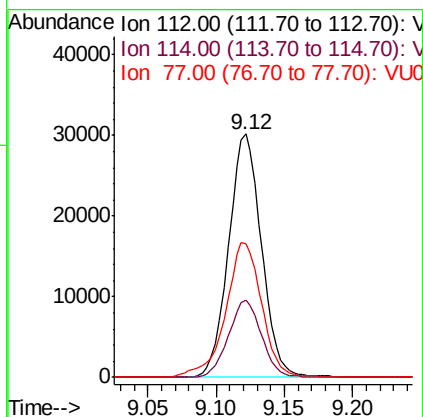
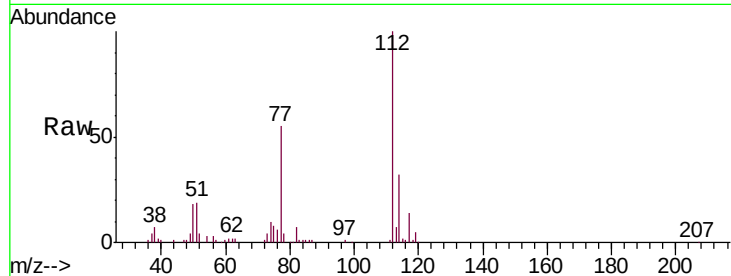




#51
Chlorobenzene
Concen: 10.753 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026861.D
Acq: 18 Sep 2018 14:51

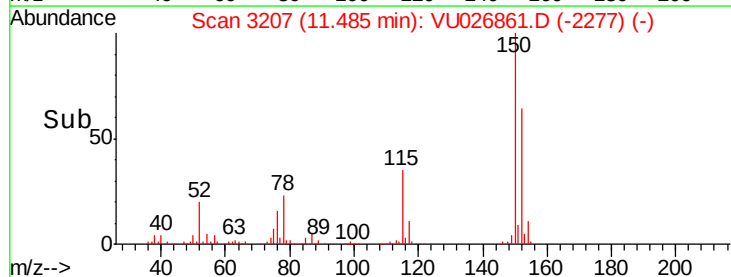
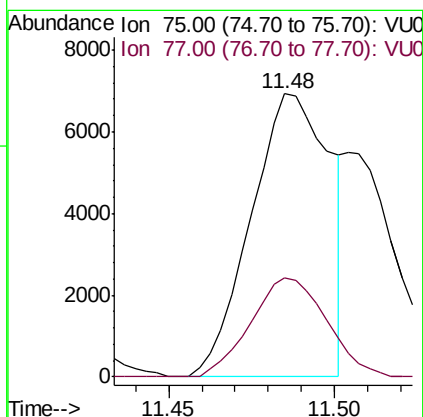
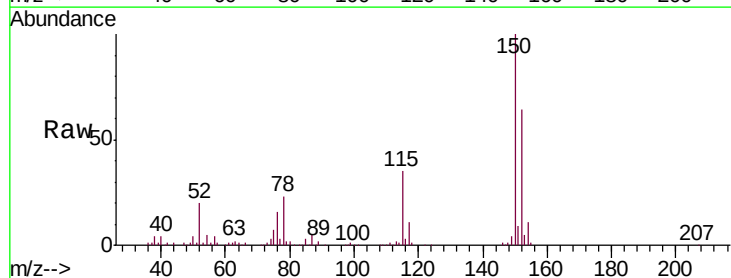
Instrument :
MSVOA_U
ClientSampleId :
C08M4

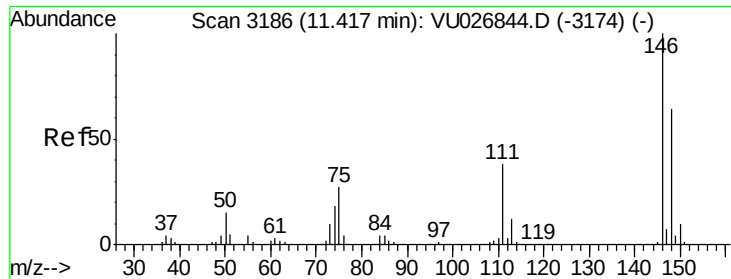
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	55.0	45.1	67.7



#59
1,2,3-Trichloropropane
Concen: 5.090 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026861.D
Acq: 18 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3





#62

1,3-Dichlorobenzene

Concen: 2.274 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

C08M4

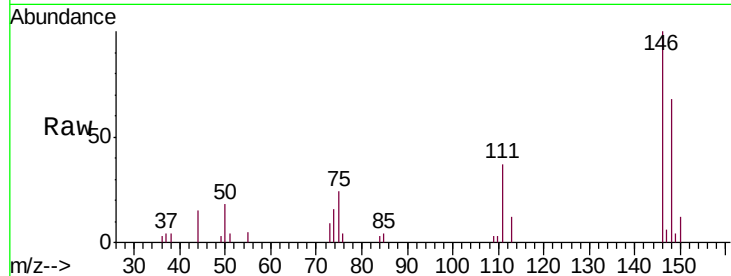
Tgt Ion:146 Resp: 6252

Ion Ratio Lower Upper

146 100

111 37.3 26.7 49.7

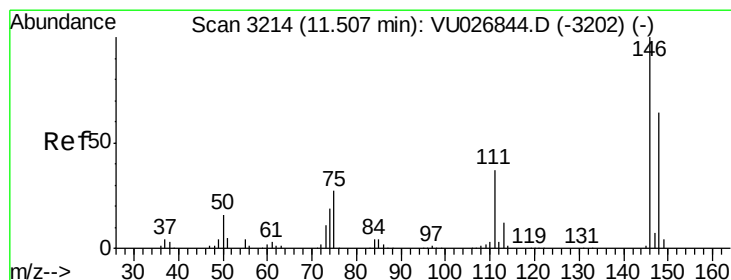
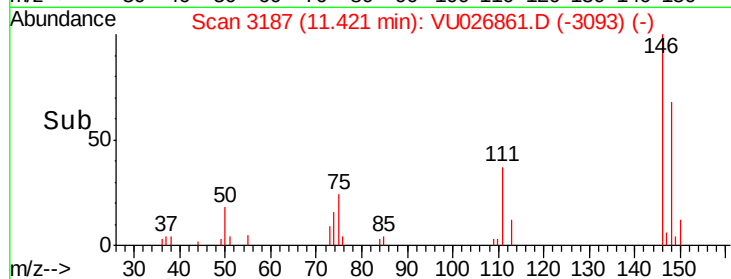
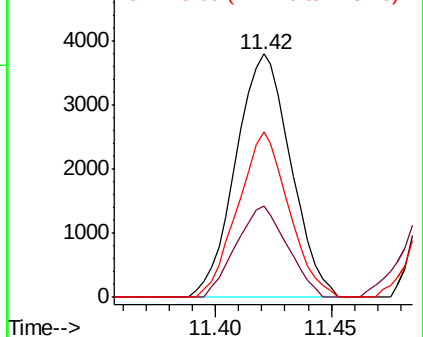
148 68.2 44.9 83.5



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: 9.173 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

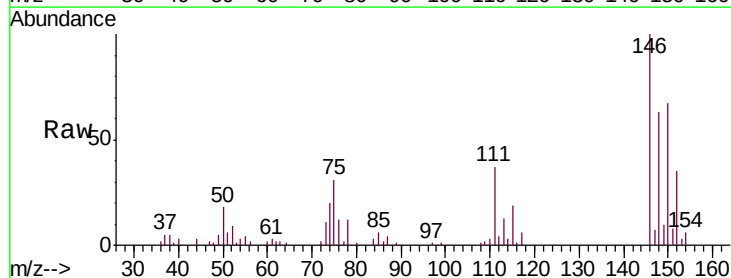
Tgt Ion:146 Resp: 27767

Ion Ratio Lower Upper

146 100

111 36.6 26.0 48.2

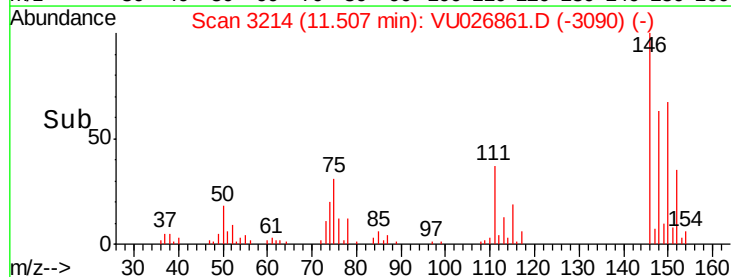
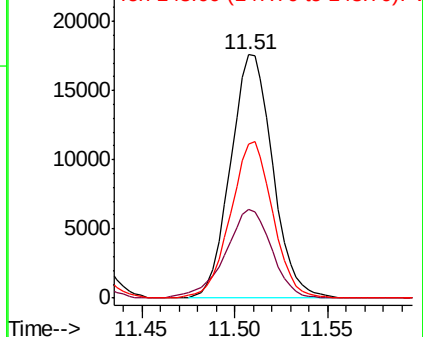
148 63.1 45.8 85.2

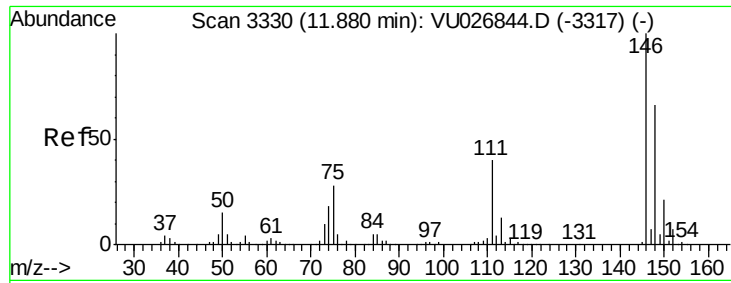


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

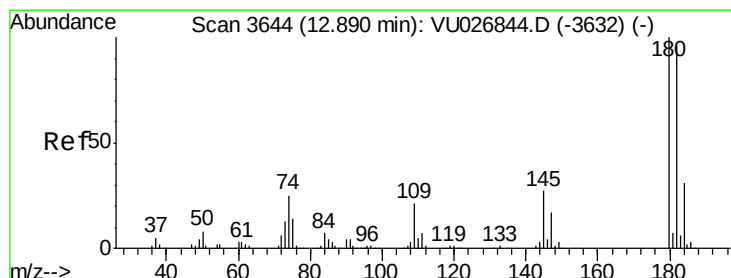
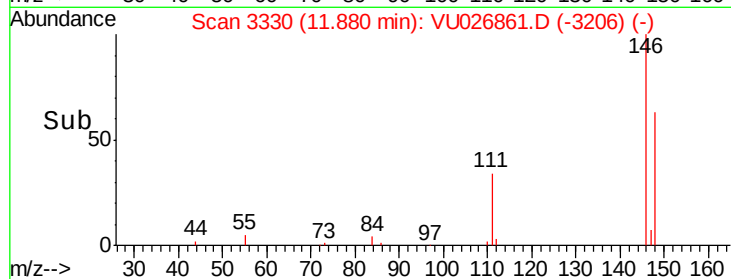
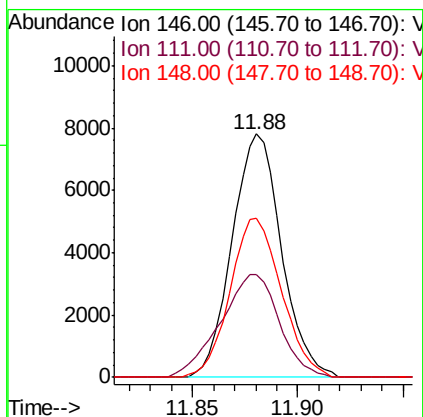
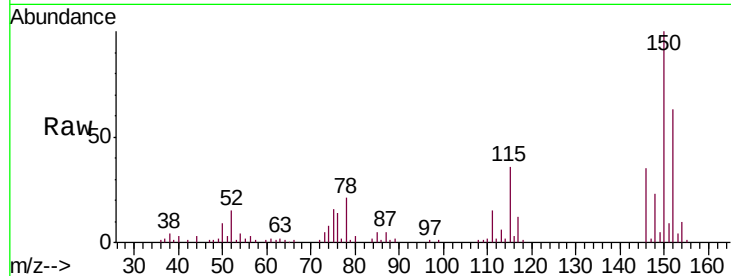




#65
 1,2-Dichlorobenzene
 Concen: 4.167 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

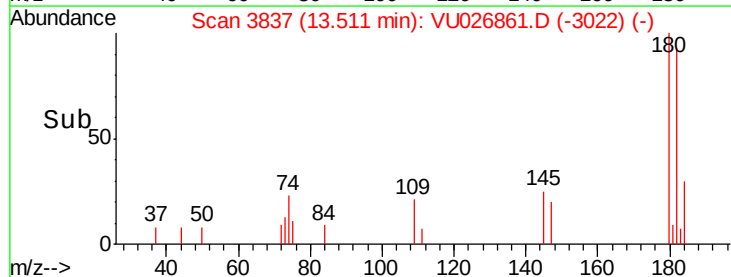
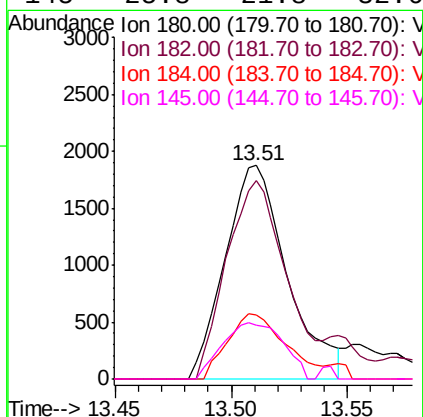
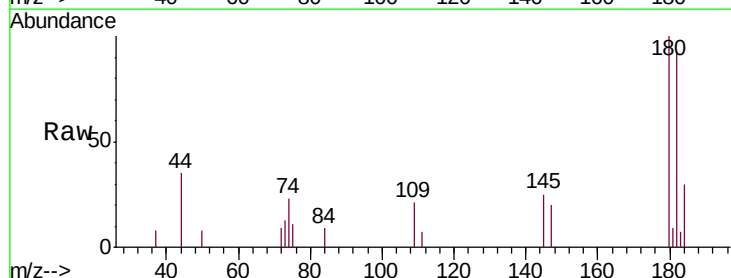
Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

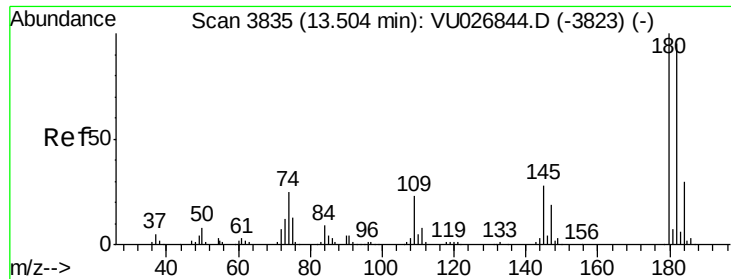
Tgt Ion:146 Resp: 12684
 Ion Ratio Lower Upper
 146 100
 111 42.0 31.4 47.0
 148 65.3 51.4 77.2



#67
 1,3,5-Trichlorobenzene
 Concen: 1.639 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.62 min
 Lab File: VU026861.D
 Acq: 18 Sep 2018 14:51

Tgt Ion:180 Resp: 3486
 Ion Ratio Lower Upper
 180 100
 182 89.4 76.7 115.1
 184 28.7 24.2 36.4
 145 25.8 21.8 32.6





#68

1,2,4-trichlorobenzene

Concen: 1.902 ug/L

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU026861.D

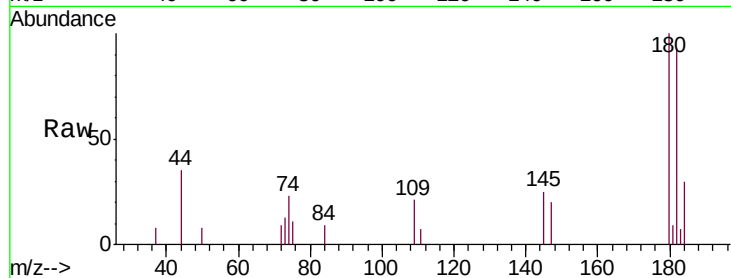
Acq: 18 Sep 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

C08M4



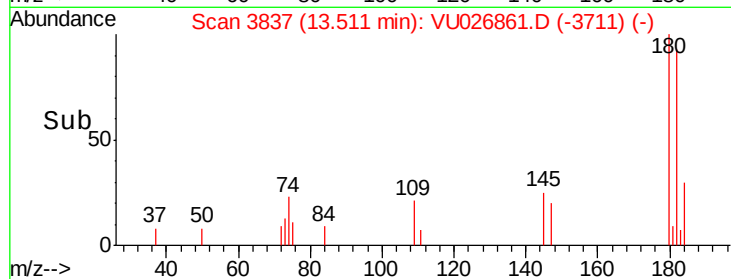
Tgt Ion:180 Resp: 3486

Ion Ratio Lower Upper

180 100

182 89.4 76.8 115.2

145 25.8 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

