

Data File : VU026874.D
Acq On : 18 Sep 2018 19:53
Operator : MD/SY
Sample : J4896-11DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M4DL

Quant Time: Sep 19 07:39:47 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	231882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59074	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.67	69	57767	39.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.70%
11) 1,1-Dichloroethene-d2	2.27	63	89622	27.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.22%#
21) 2-Butanone-d5	4.18	46	129151	113.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.65	84	137011	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	5.31	65	91587	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.34	84	262578	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.12%
36) 1,2-Dichloropropane-d6	6.33	67	92438	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	214844	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#
43) trans-1,3-Dichloropropene-	7.85	79	37097	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.31	63	87582	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136213	49.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	97795	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Qvalue
13) Acetone	2.32	43	1553	1.388 ug/L	84
33) Benzene	5.39	78	17338	2.540 ug/L	100
35) Methylcyclohexane	6.33	83	21555	8.074 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9606	5.124 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2104	0.794 ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	1605	0.647 ug/L #	78
48) 2-Hexanone	8.31	43	10425	5.802 ug/L #	66
51) Chlorobenzene	9.12	112	180796	38.580 ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	7649	3.406 ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	28852	9.785 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	124682	38.402 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	30767	9.424 ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	11056	4.846 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	11056	5.623 ug/L	99
70) 1,2,3-Trichlorobenzene	14.00	180	1423	0.657 ug/L #	89

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

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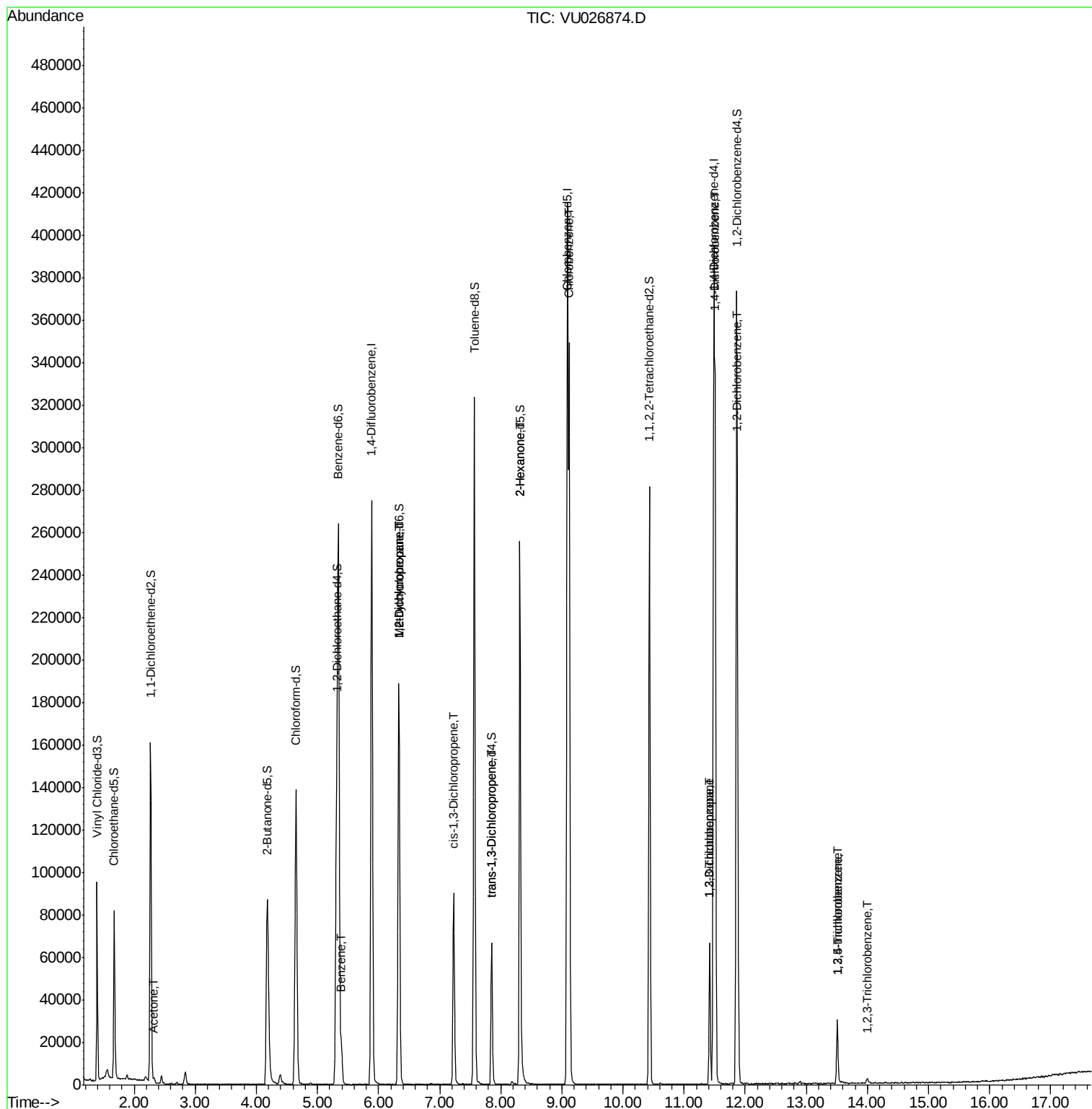
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

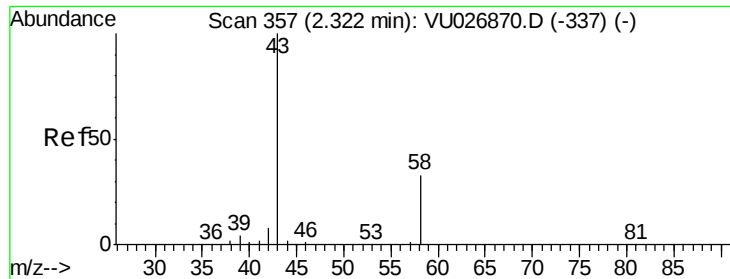
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
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QLast Update : Wed Sep 19 07:38:56 2018
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#13

Acetone

Concen: 1.388 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026874.D

Acq: 18 Sep 2018 19:53

Instrument :

MSVOA_U

ClientSampleId :

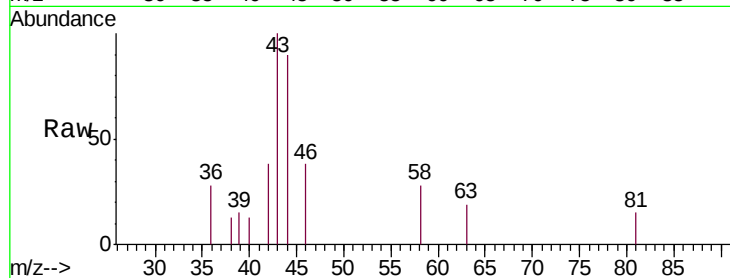
C08M4DL

Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

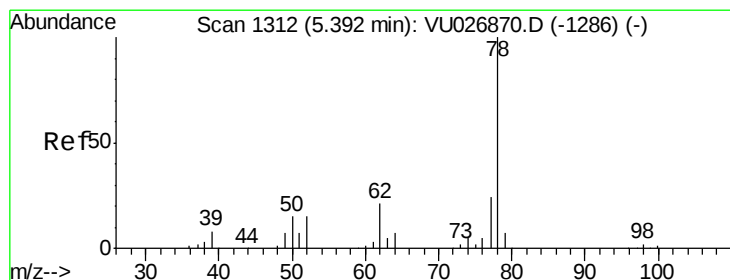
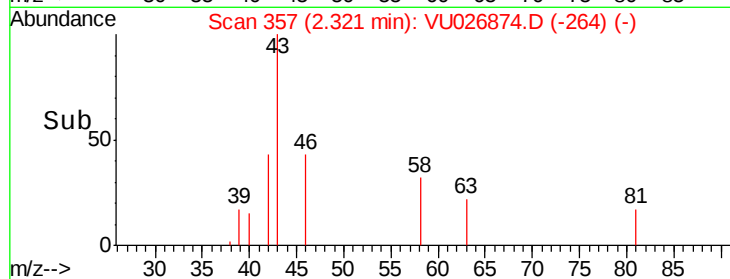
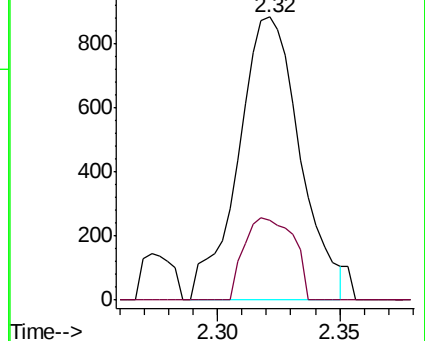
43 100

58 23.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 2.540 ug/L

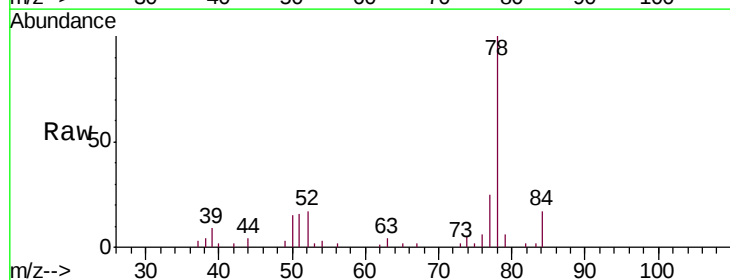
RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

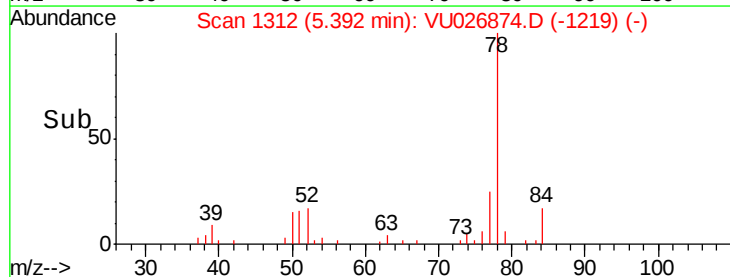
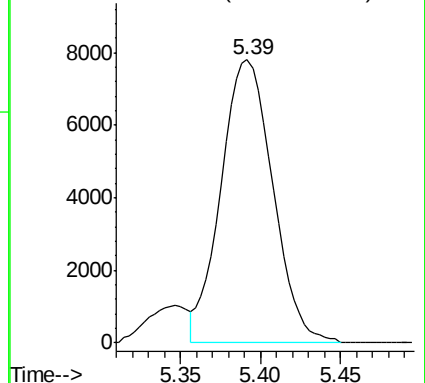
Lab File: VU026874.D

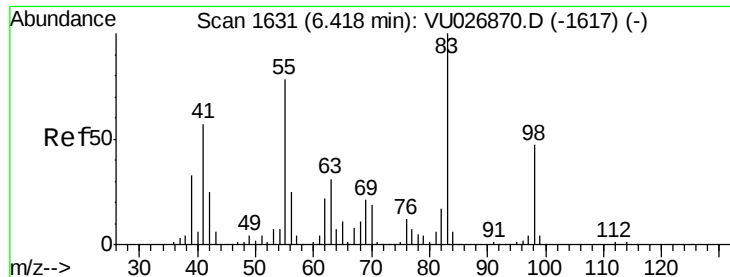
Acq: 18 Sep 2018 19:53

Tgt Ion: 78 Resp: 17338



Abundance Ion 78.00 (77.70 to 78.70): VU0

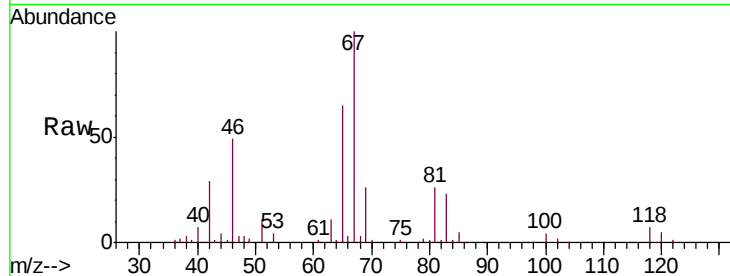




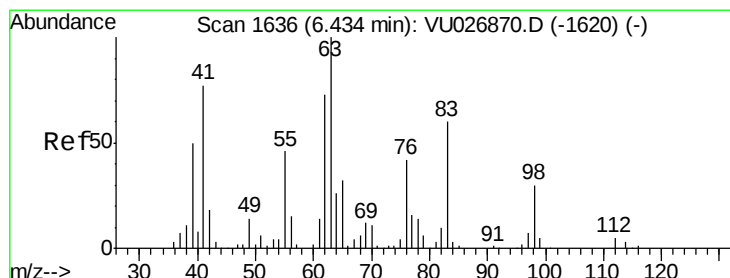
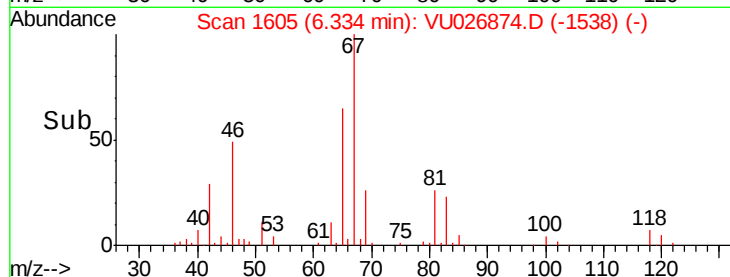
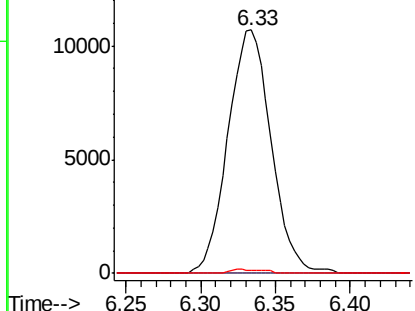
#35
Methylcyclohexane
Concen: 8.074 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026874.D
Acq: 18 Sep 2018 19:53

Instrument :
MSVOA_U
ClientSampleId :
C08M4DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	0.8	38.3	57.5#

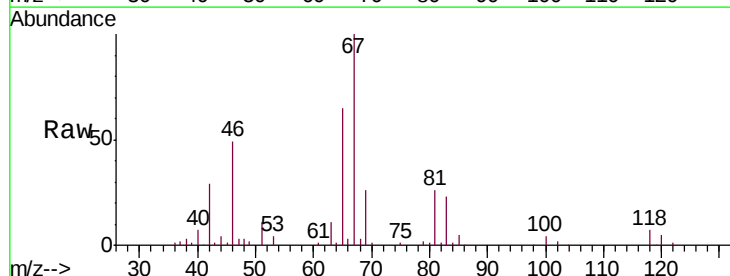


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

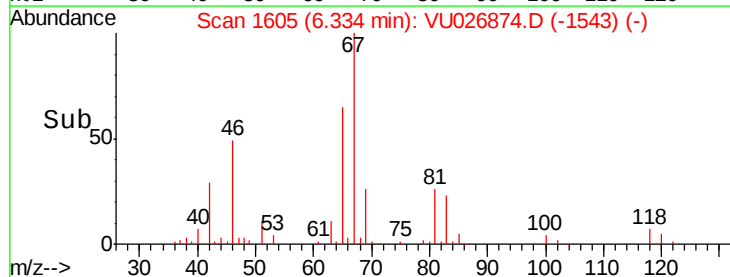
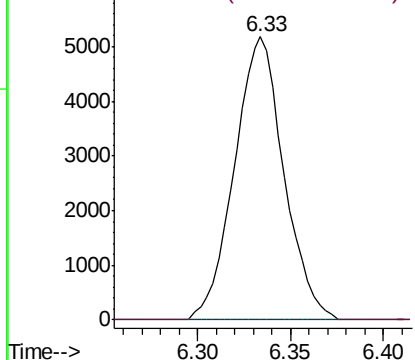


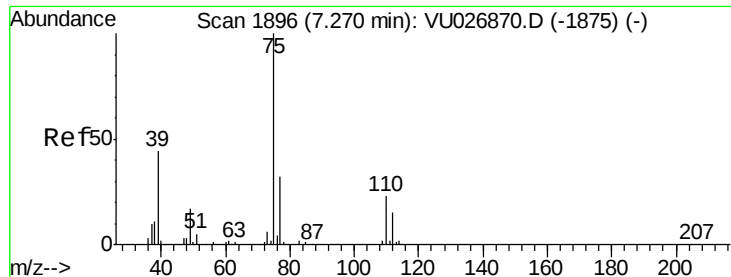
#37
1,2-Dichloropropane
Concen: 5.124 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026874.D
Acq: 18 Sep 2018 19:53

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



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU026874.D

Acq: 18 Sep 2018 19:53

Instrument :

MSVOA_U

ClientSampleID :

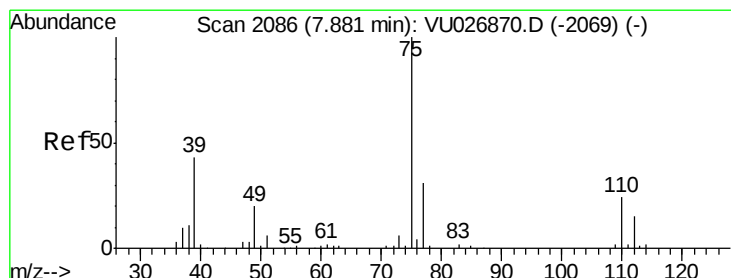
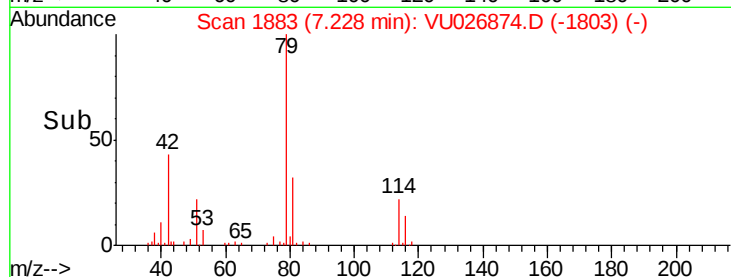
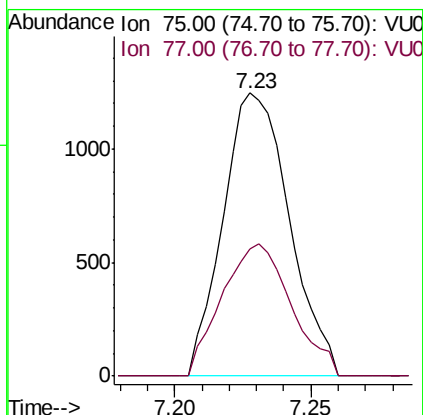
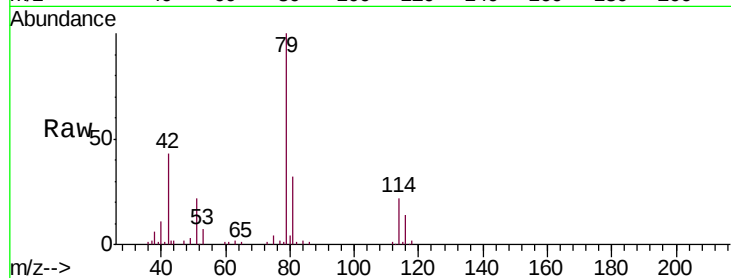
C08M4DL

Tgt Ion: 75 Resp: 2104

Ion Ratio Lower Upper

75 100

77 44.9 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.647 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026874.D

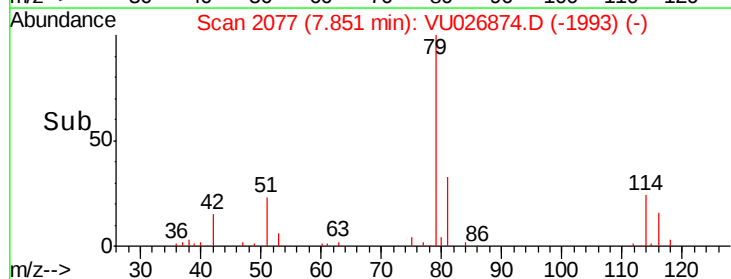
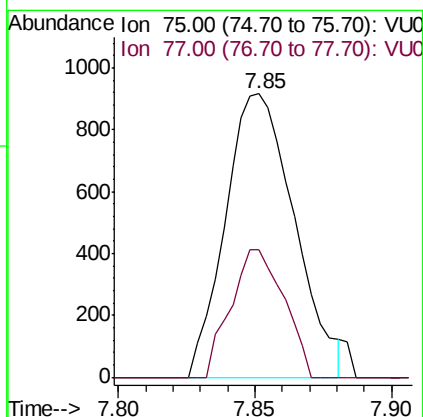
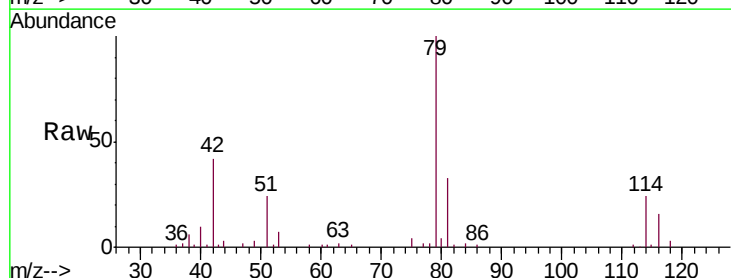
Acq: 18 Sep 2018 19:53

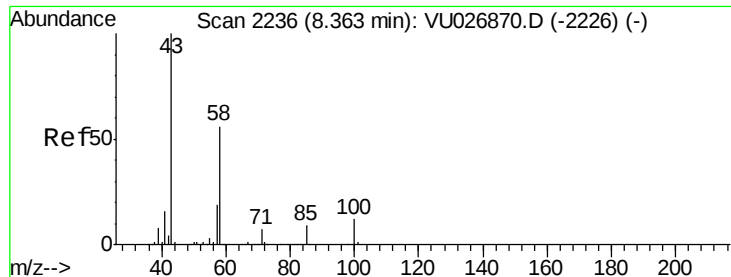
Tgt Ion: 75 Resp: 1605

Ion Ratio Lower Upper

75 100

77 45.1 22.8 42.4#

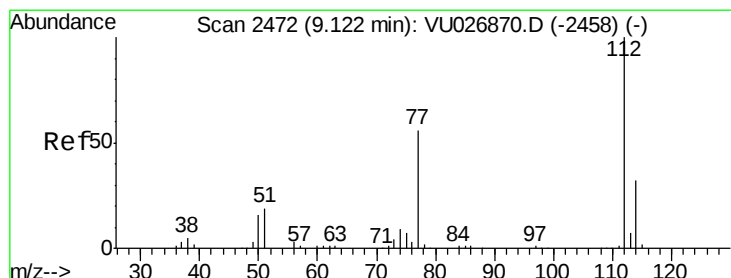
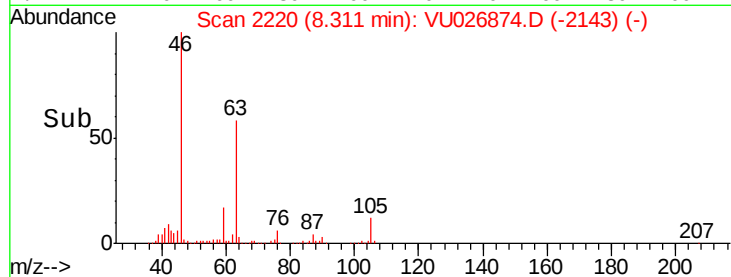
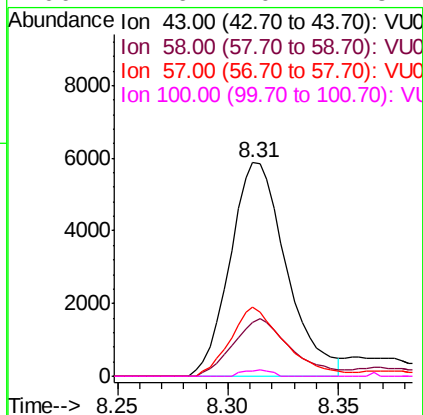
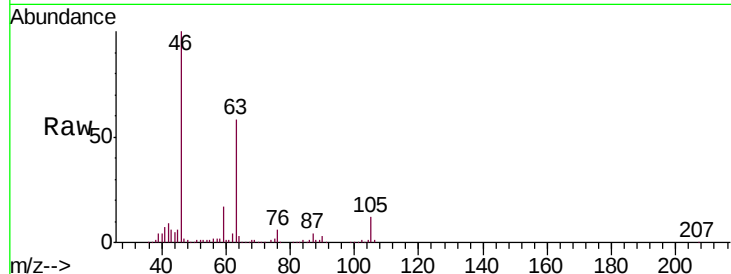




#48
2-Hexanone
Concen: 5.802 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026874.D
Acq: 18 Sep 2018 19:53

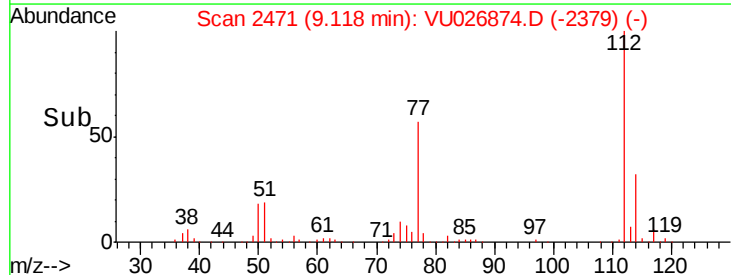
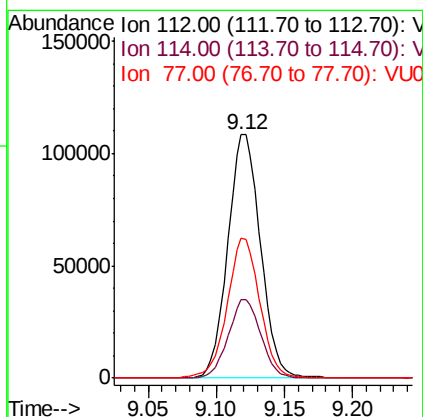
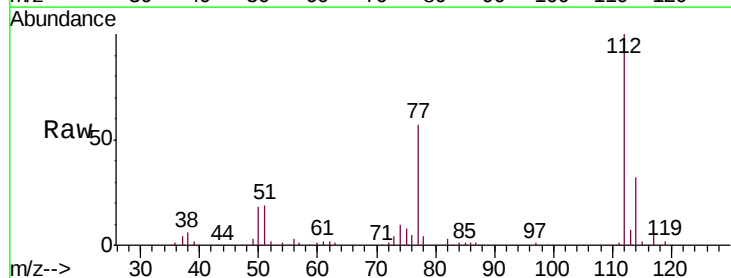
Instrument :
MSVOA_U
ClientSampleId :
C08M4DL

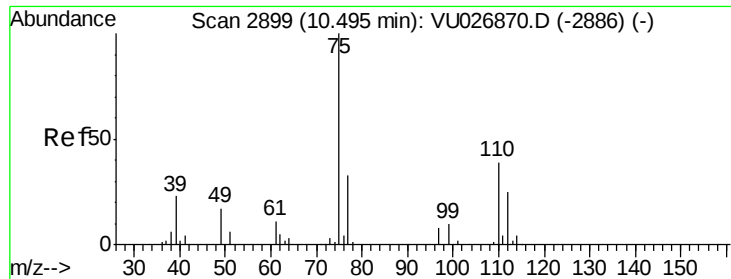
Tgt Ion:	43	Resp:	10425
Ion	Ratio	Lower	Upper
43	100		
58	28.0	44.9	67.3#
57	31.1	15.4	23.2#
100	1.6	10.2	15.4#



#51
Chlorobenzene
Concen: 38.580 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026874.D
Acq: 18 Sep 2018 19:53

Tgt Ion:	112	Resp:	180796
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.5
77	57.5	45.1	67.7





#59

1,2,3-Trichloropropane

Concen: 3.406 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.92 min

Lab File: VU026874.D

Acq: 18 Sep 2018 19:53

Instrument :

MSVOA_U

ClientSampleId :

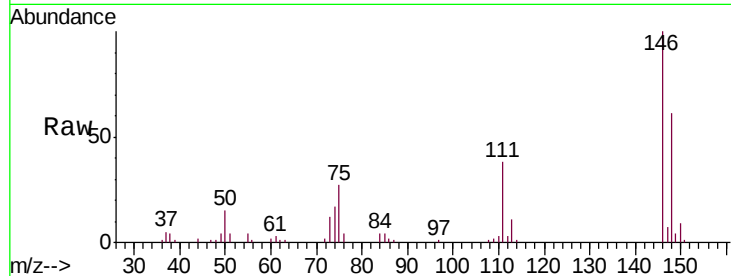
C08M4DL

Tgt Ion: 75 Resp: 7649

Ion Ratio Lower Upper

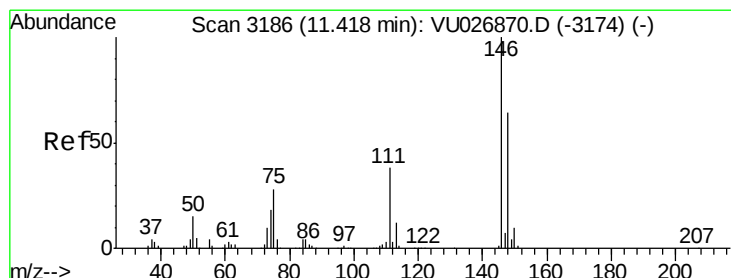
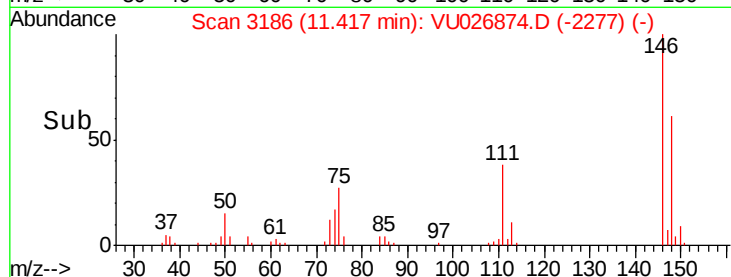
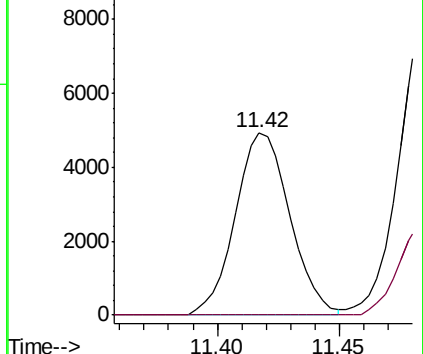
75 100

77 0.0 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU026870.D (-2886) (-)

Ion 77.00 (76.70 to 77.70): VU026870.D (-2886) (-)



#62

1,3-Dichlorobenzene

Concen: 9.785 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026874.D

Acq: 18 Sep 2018 19:53

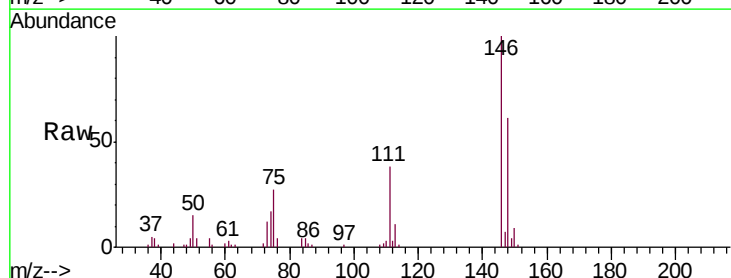
Tgt Ion: 146 Resp: 28852

Ion Ratio Lower Upper

146 100

111 37.5 26.7 49.7

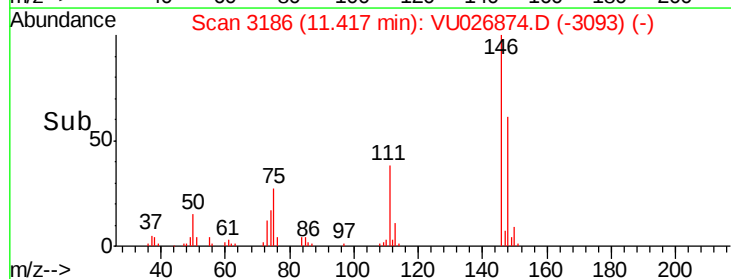
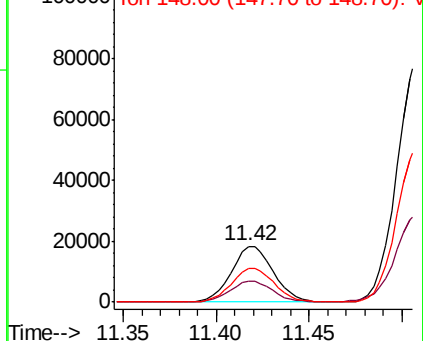
148 61.0 44.9 83.5

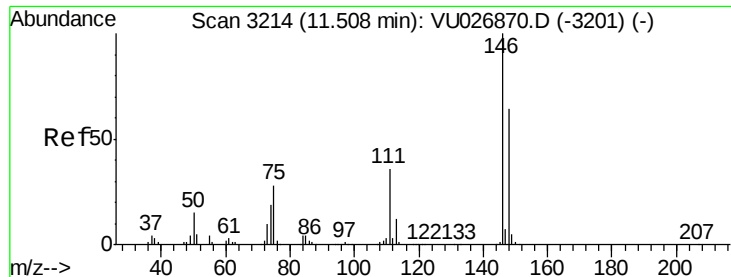


Abundance Ion 146.00 (145.70 to 146.70): VU026870.D (-3174) (-)

Ion 111.00 (110.70 to 111.70): VU026870.D (-3174) (-)

Ion 148.00 (147.70 to 148.70): VU026870.D (-3174) (-)

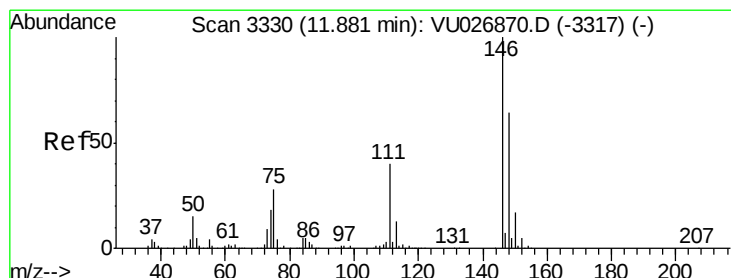
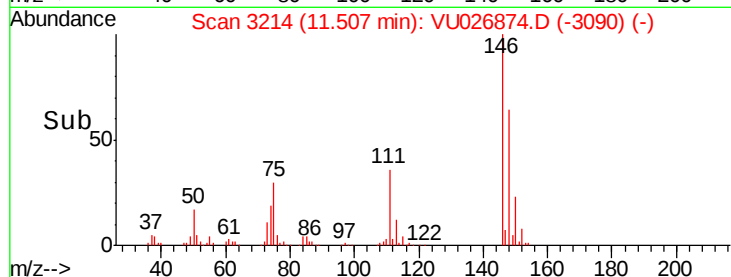
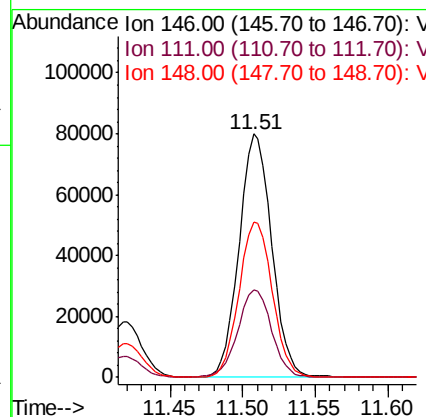
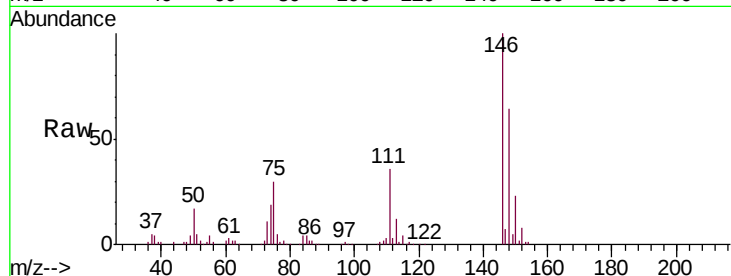




#63
 1,4-Dichlorobenzene
 Concen: 38.402 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026874.D
 Acq: 18 Sep 2018 19:53

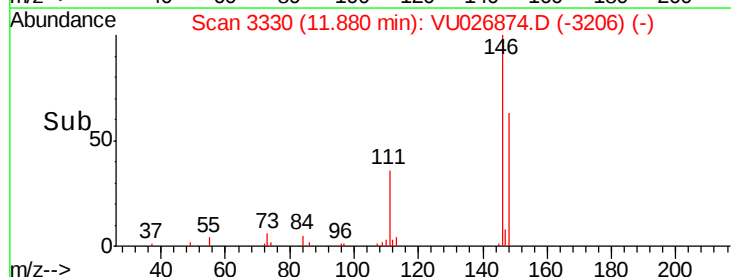
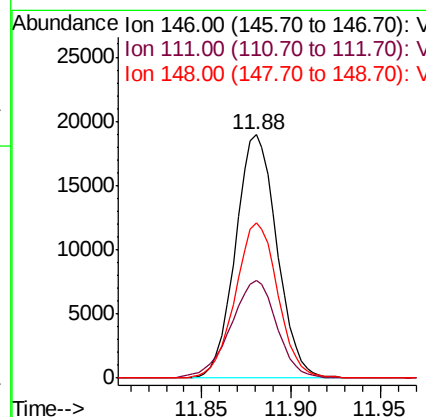
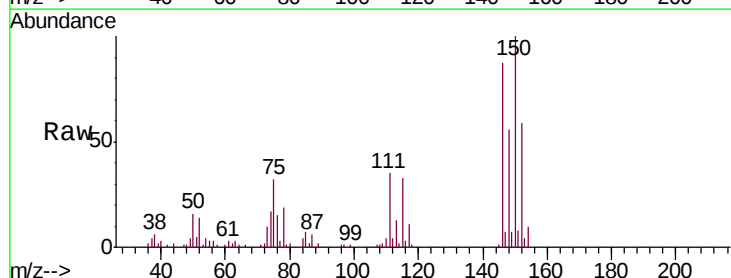
Instrument :
 MSVOA_U
 ClientSampled :
 C08M4DL

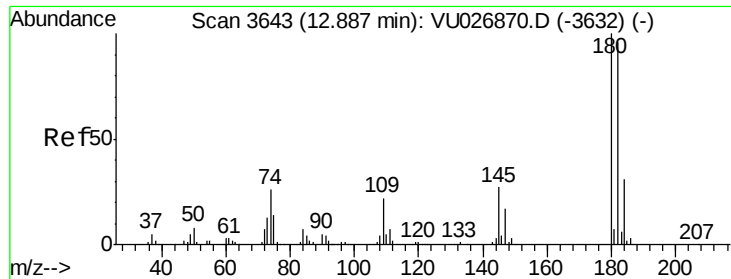
Tgt Ion:146 Resp: 124682
 Ion Ratio Lower Upper
 146 100
 111 36.0 26.0 48.2
 148 63.6 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 9.424 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026874.D
 Acq: 18 Sep 2018 19:53

Tgt Ion:146 Resp: 30767
 Ion Ratio Lower Upper
 146 100
 111 40.3 31.4 47.0
 148 63.8 51.4 77.2

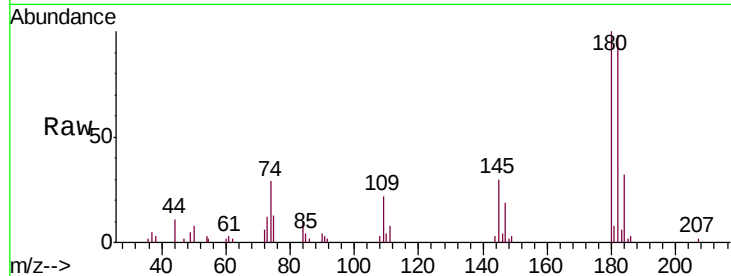




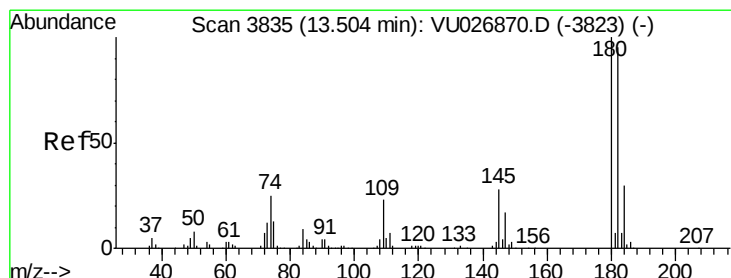
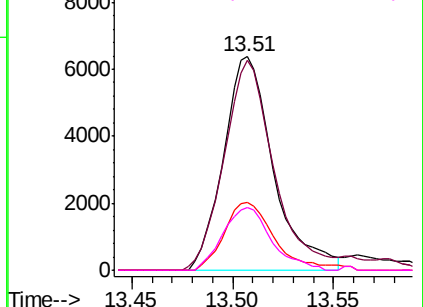
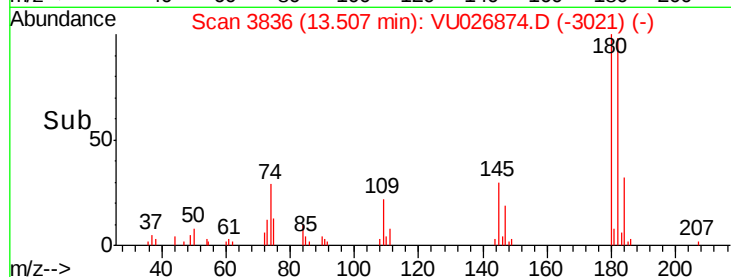
#67
 1,3,5-Trichlorobenzene
 Concen: 4.846 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.62 min
 Lab File: VU026874.D
 Acq: 18 Sep 2018 19:53

Instrument :
 MSVOA_U
 ClientSampleID :
 C08M4DL

Tgt Ion:	180	Resp:	11056
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.7	115.1
184	31.4	24.2	36.4
145	28.5	21.8	32.6

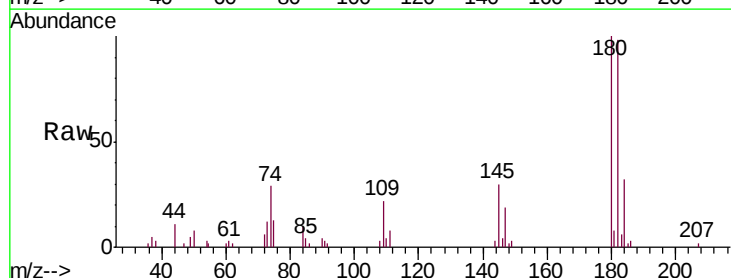


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

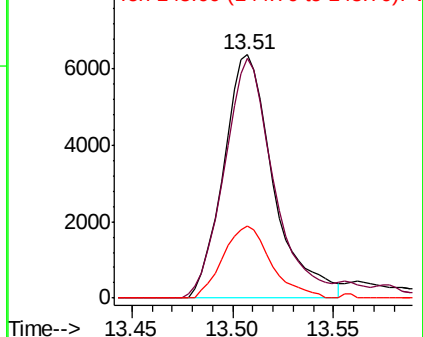
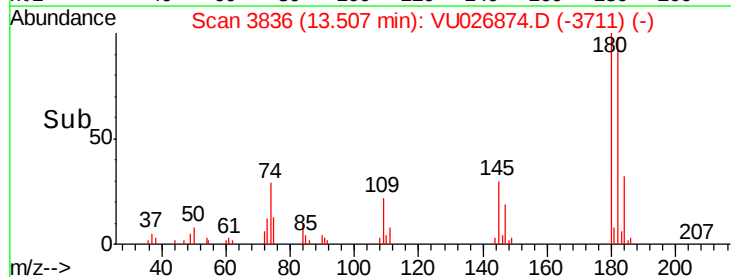


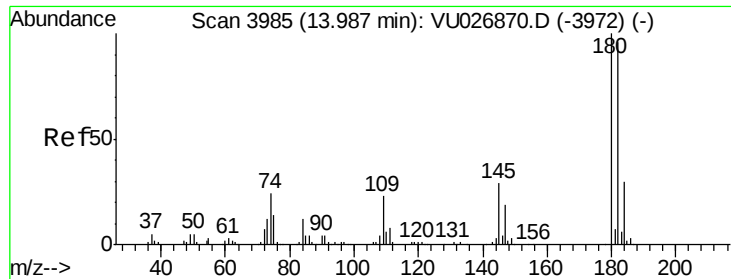
#68
 1,2,4-trichlorobenzene
 Concen: 5.623 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026874.D
 Acq: 18 Sep 2018 19:53

Tgt Ion:	180	Resp:	11056
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.8	115.2
145	28.5	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

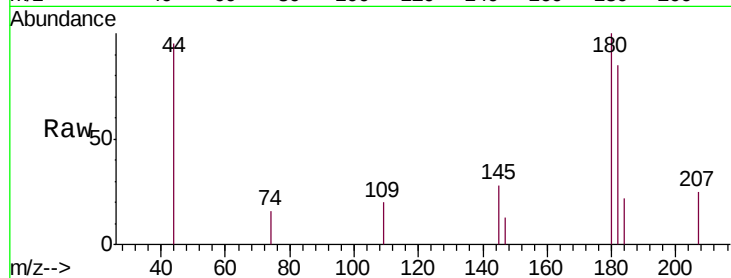




#70
 1,2,3-Trichlorobenzene
 Concen: 0.657 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026874.D
 Acq: 18 Sep 2018 19:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4DL

Tgt Ion:180 Resp: 1423
 Ion Ratio Lower Upper
 180 100
 182 102.2 75.6 113.4
 145 18.0 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

