

Data File : VU026760.D
Acq On : 14 Sep 2018 12:54
Operator : MD/SY
Sample : J4893-04DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08K3DL

Quant Time: Sep 15 07:01:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54893	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.94%
7) Chloroethane-d5	1.68	69	46272	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.27	63	79094	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	4.18	46	80283	103.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.33%
24) Chloroform-d	4.65	84	94482	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.31	65	64784	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.34	84	194234	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.33	67	66614	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.57	98	170515	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	28054	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.31	63	54832	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87648	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	66833	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	973	0.539 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	772	0.750 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	583	0.590 ug/L #	1
13) Acetone	2.32	43	1151	1.301 ug/L	92
25) Chloroform	4.67	83	2078	1.018 ug/L	83
33) Benzene	5.39	78	7375	1.697 ug/L	100
35) Methylcyclohexane	6.33	83	14602	8.443 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6775	5.579 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1621	0.902 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1085	0.649 ug/L #	80
48) 2-Hexanone	8.31	43	6290	4.810 ug/L #	69
51) Chlorobenzene	9.12	112	18455	6.239 ug/L	98
59) 1,2,3-Trichloropropane	11.42	75	3452	2.403 ug/L #	42
62) 1,3-Dichlorobenzene	11.42	146	11836	6.030 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	177635	85.423 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	58123	28.016 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	8000	5.138 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Quantitation Report (Not Reviewed)

Data File : VU026760.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

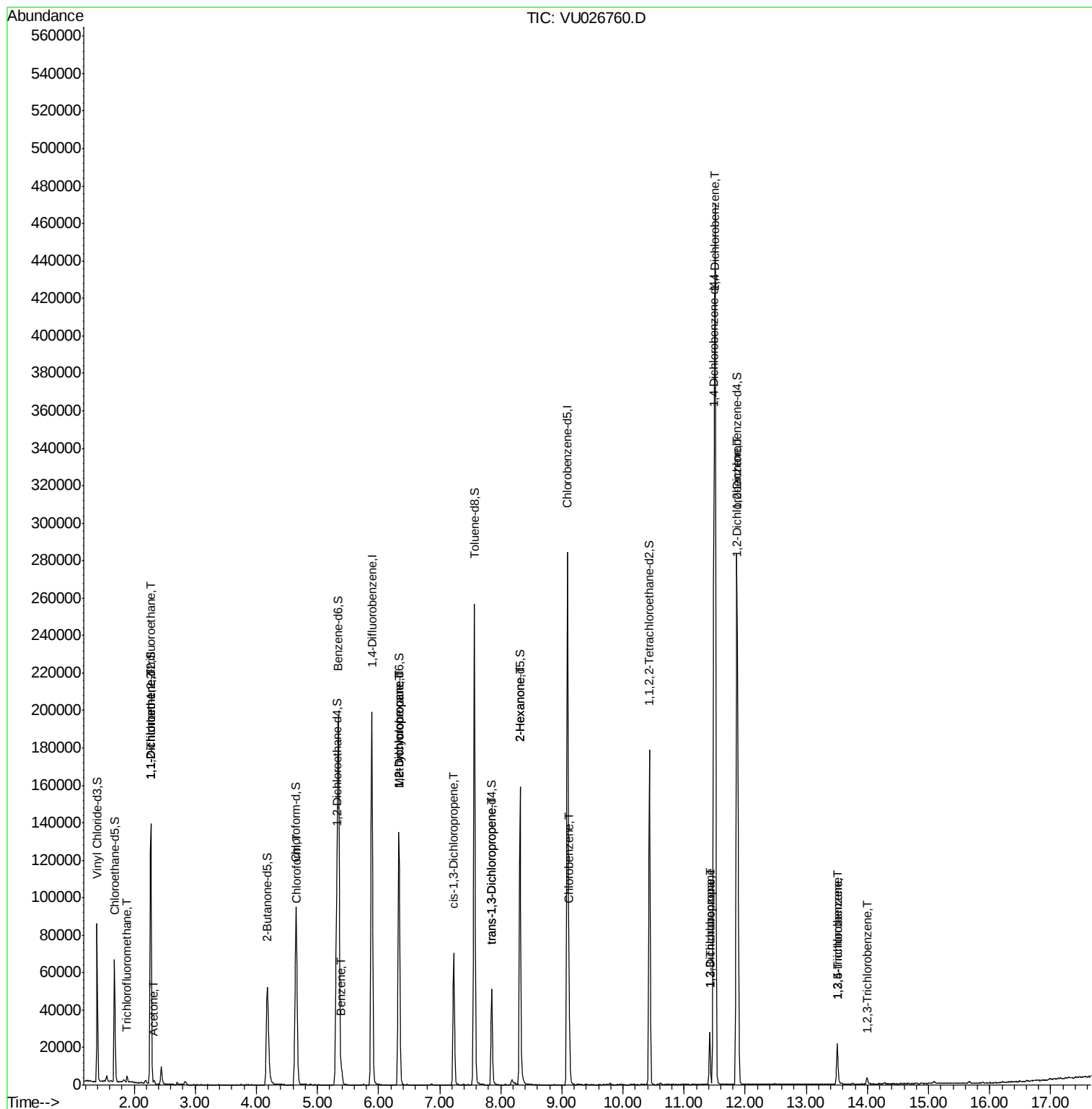
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68) 1,2,4-trichlorobenzene	13.51	180	8000	5.911	ug/L	98
70) 1,2,3-Trichlorobenzene	14.00	180	1774	1.210	ug/L #	91

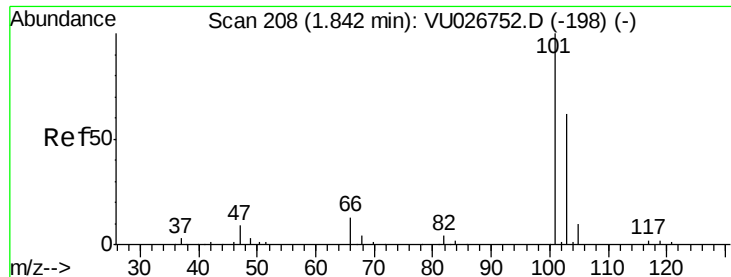
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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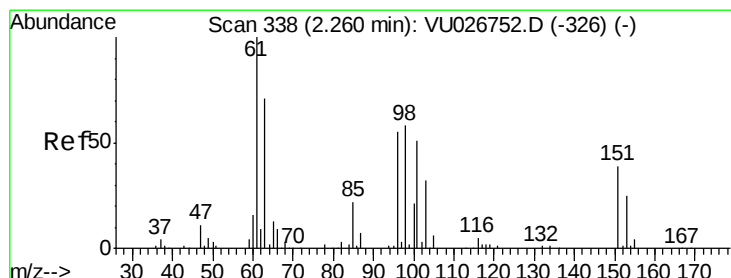
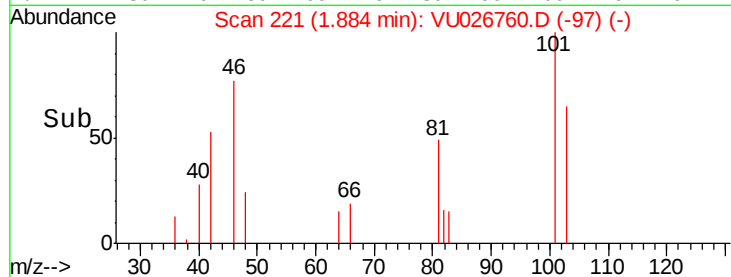
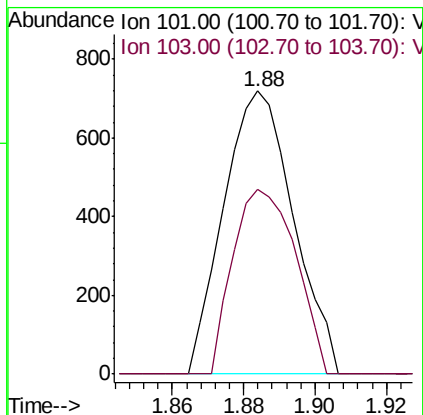
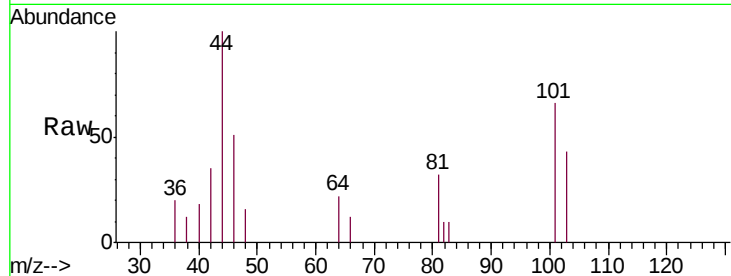


#9

Trichlorofluoromethane
 Concen: 0.539 ug/L
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

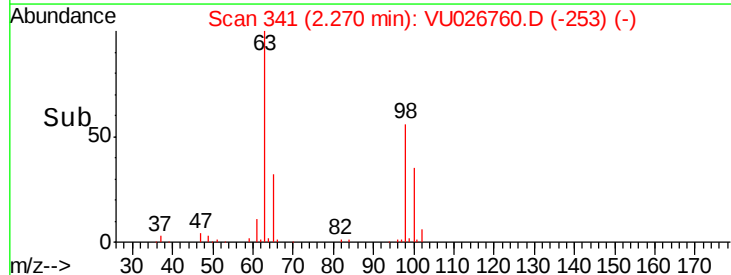
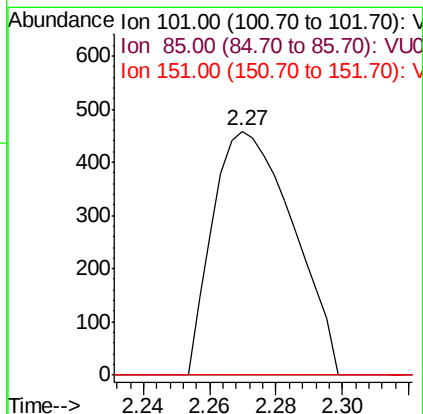
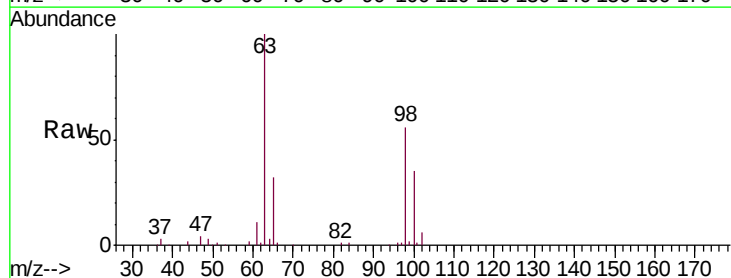
Tgt Ion:101 Resp: 973
 Ion Ratio Lower Upper
 101 100
 103 58.7 51.8 77.6

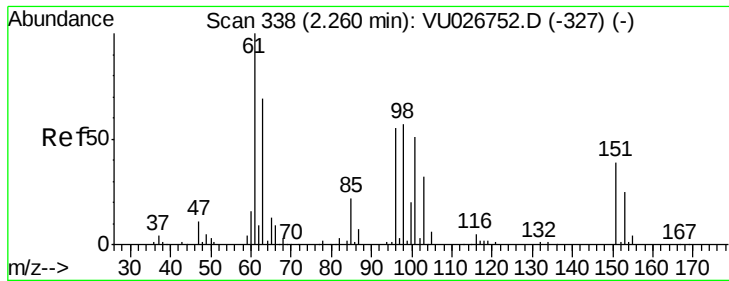


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.750 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:101 Resp: 772
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 0.0 62.6 94.0#

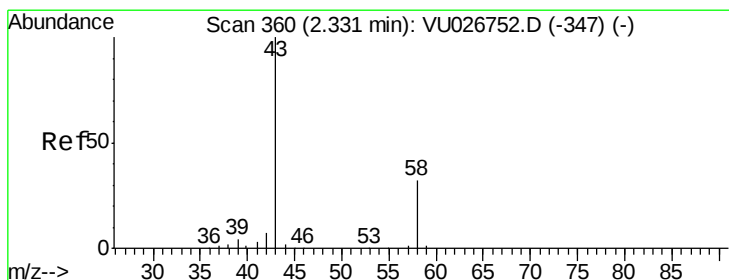
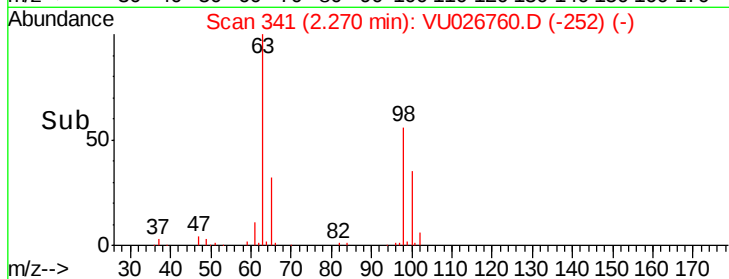
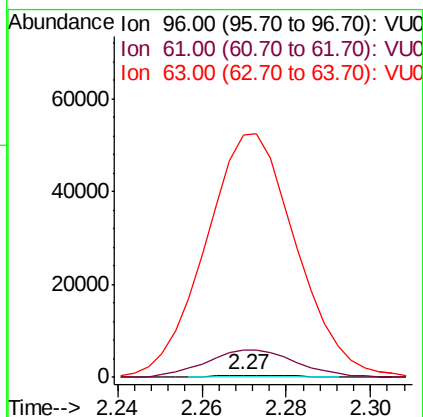
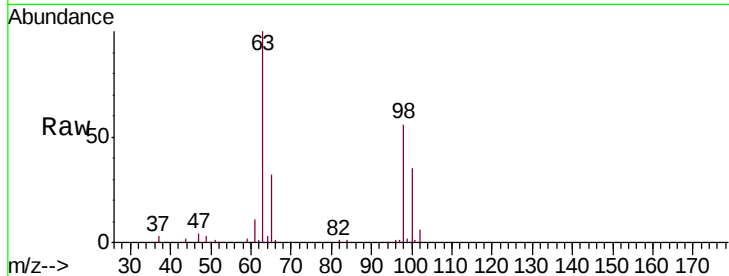




#12
 1,1-Dichloroethene
 Concen: 0.590 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

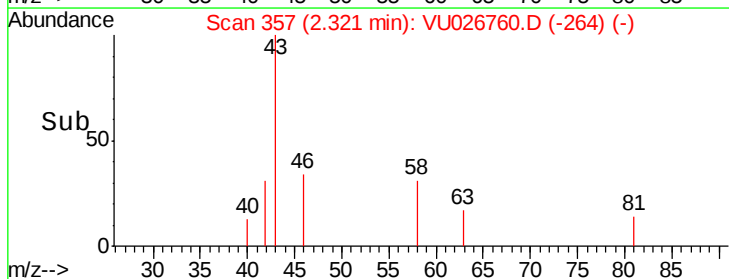
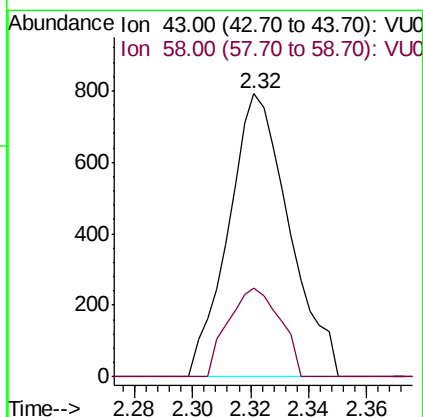
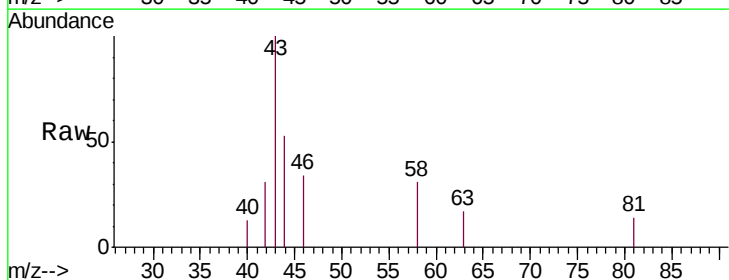
Instrument :
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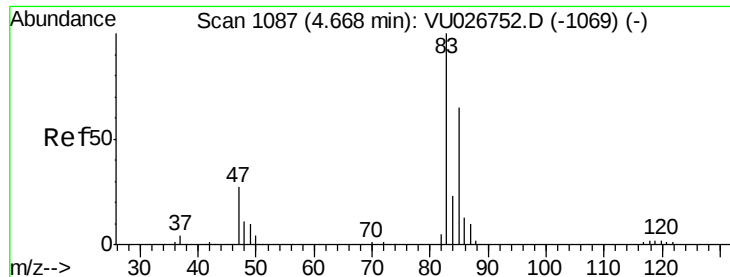
Tgt Ion: 96 Resp: 583
 Ion Ratio Lower Upper
 96 100
 61 1275.9 121.0 224.8#
 63 11140.2 89.9 166.9#



#13
 Acetone
 Concen: 1.301 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion: 43 Resp: 1151
 Ion Ratio Lower Upper
 43 100
 58 26.8 0.0 62.8

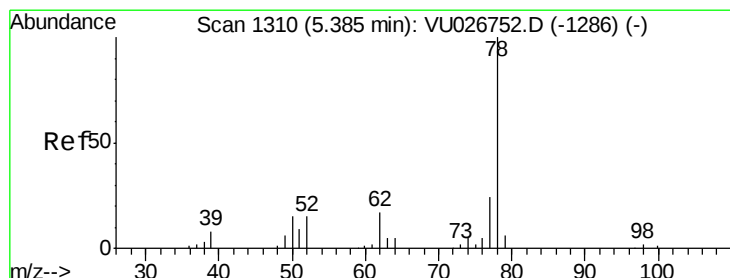
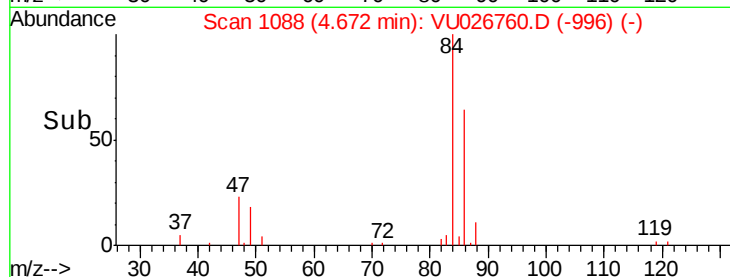
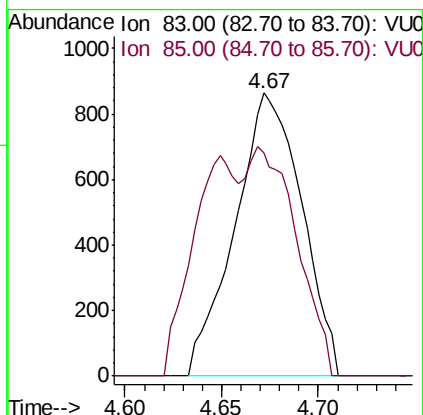
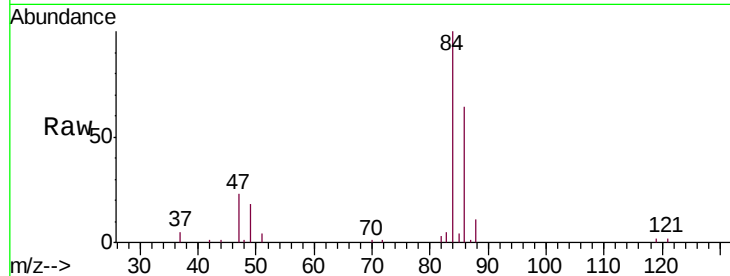




#25
Chloroform
Concen: 1.018 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

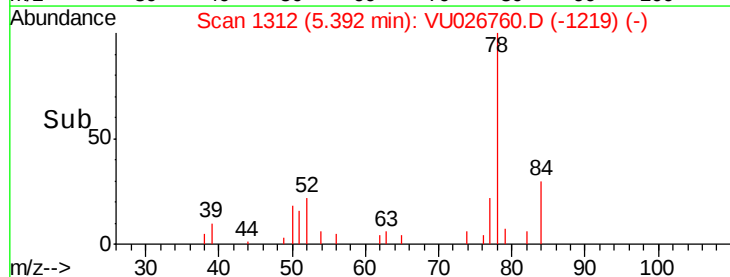
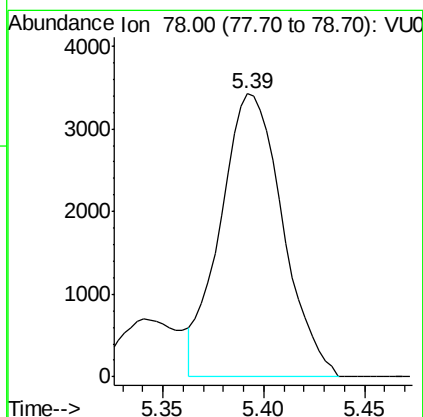
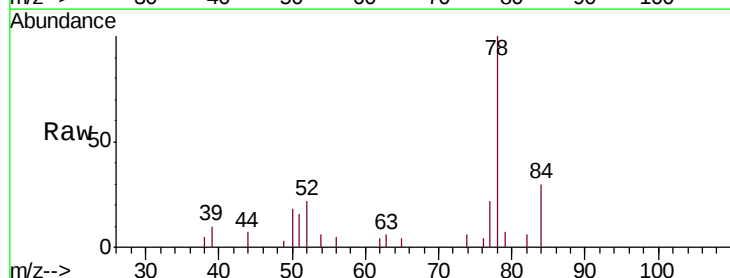
Instrument :
MSVOA_U
ClientSampleId :
C08K3DL

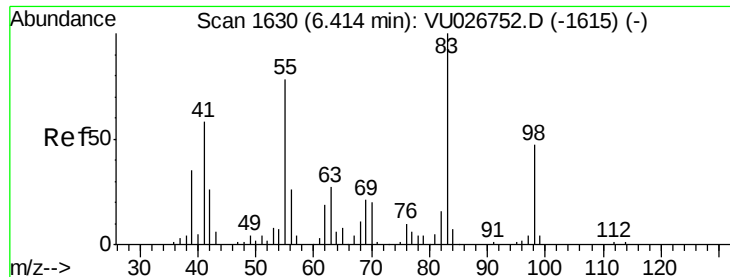
Tgt Ion: 83 Resp: 2078
Ion Ratio Lower Upper
83 100
85 78.8 45.6 84.6



#33
Benzene
Concen: 1.697 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

Tgt Ion: 78 Resp: 7375

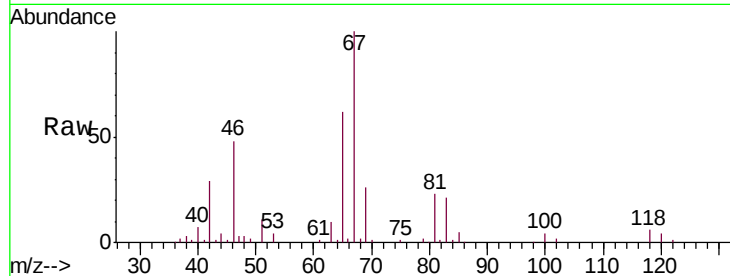




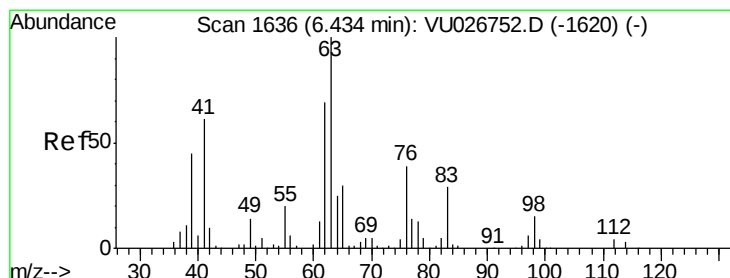
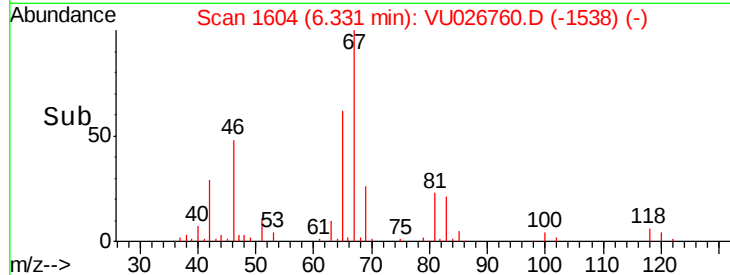
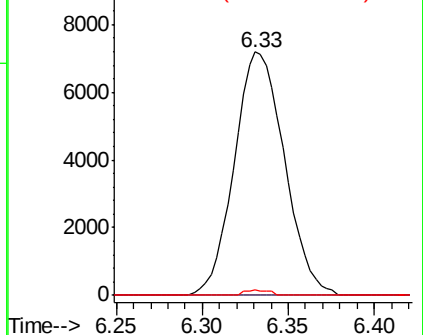
#35
Methylcyclohexane
Concen: 8.443 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

Instrument :
MSVOA_U
ClientSampleId :
C08K3DL

Tgt Ion: 83 Resp: 14602
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 1.0 37.0 55.4#

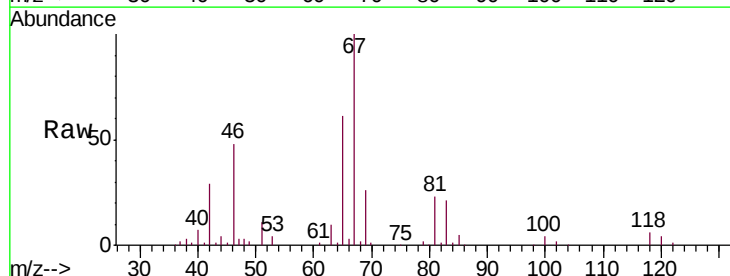


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

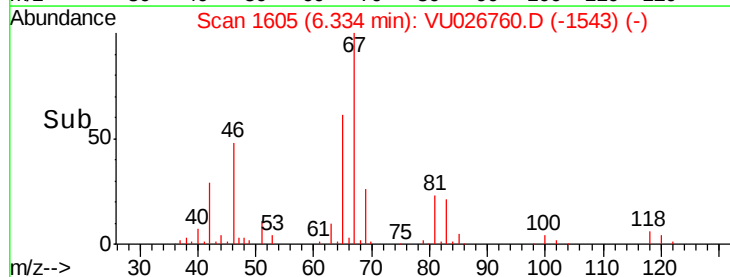
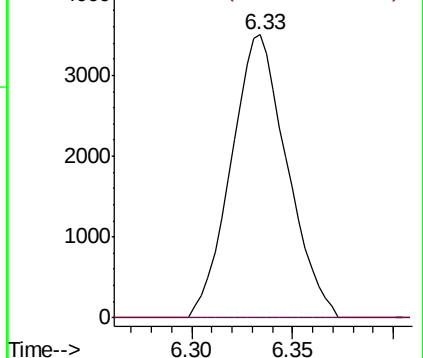


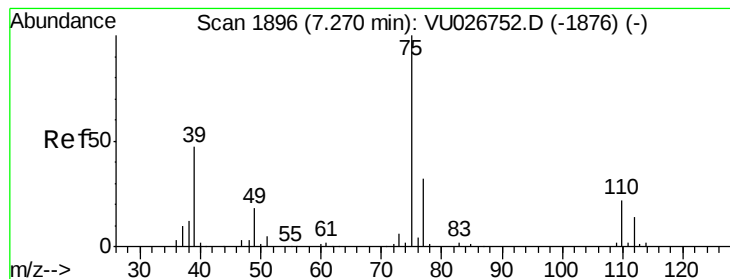
#37
1,2-Dichloropropane
Concen: 5.579 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

Tgt Ion: 63 Resp: 6775
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



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



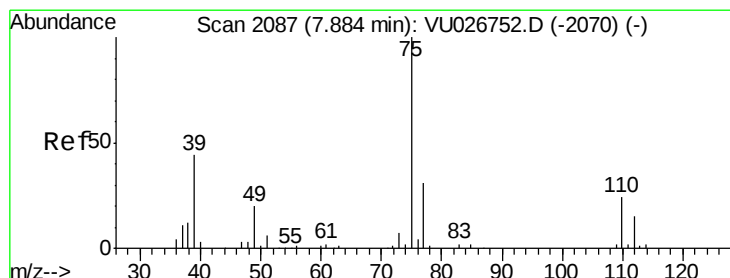
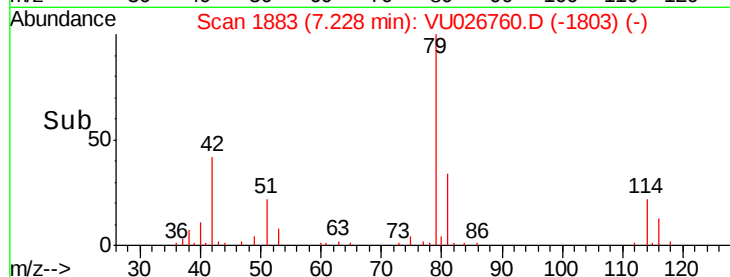
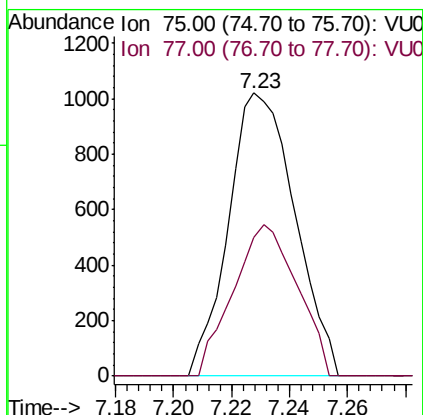
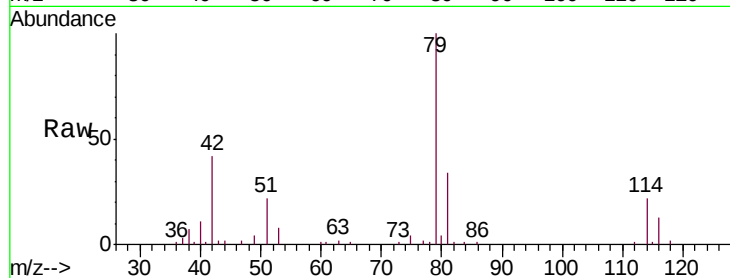


#39

cis-1,3-Dichloropropene
 Concen: 0.902 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Instrument :
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 ClientSampleId :
 C08K3DL

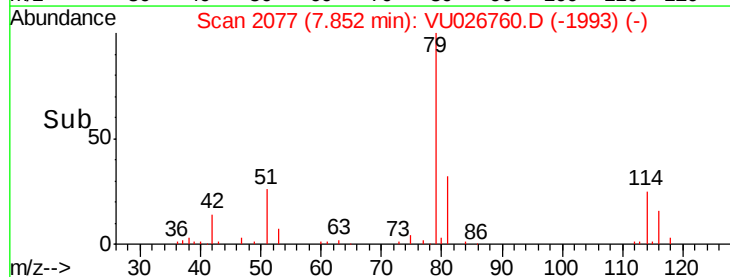
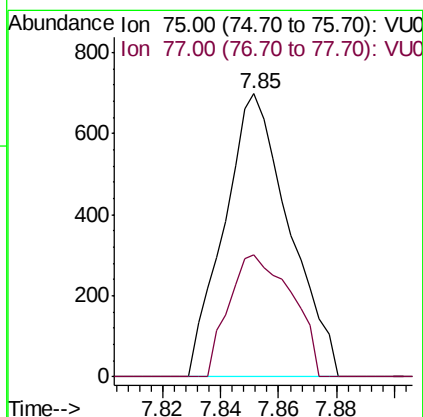
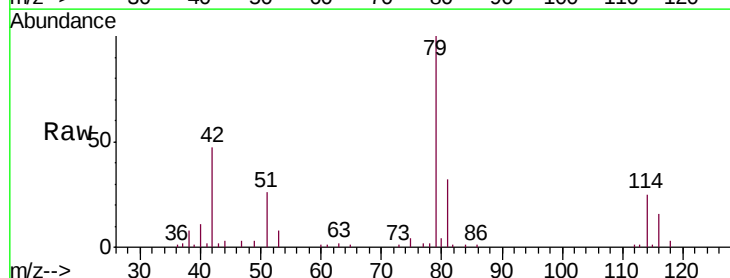
Tgt Ion: 75 Resp: 1621
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.3 41.3#

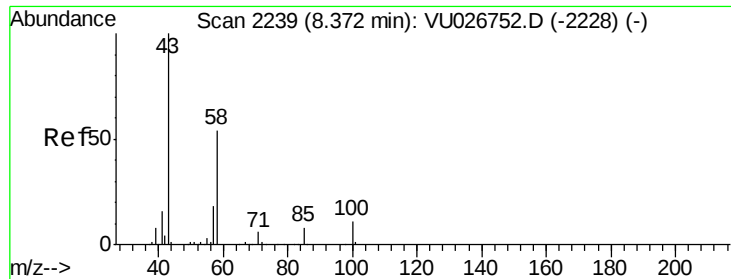


#44

trans-1,3-Dichloropropene
 Concen: 0.649 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion: 75 Resp: 1085
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.4 41.6#

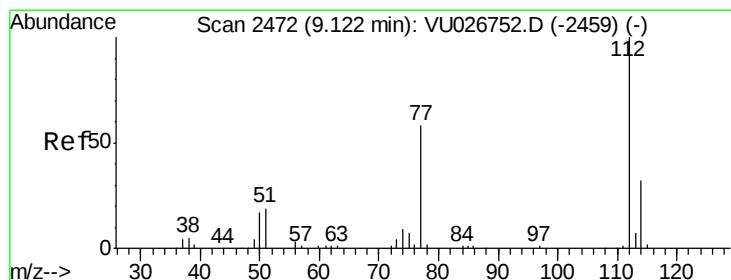
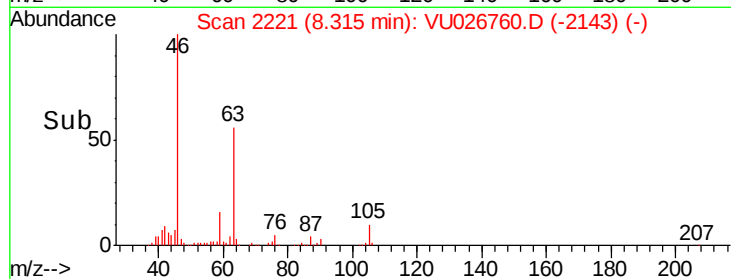
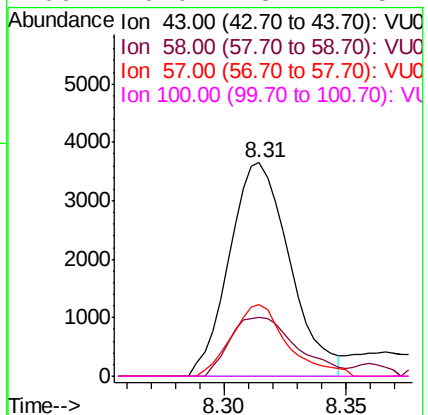
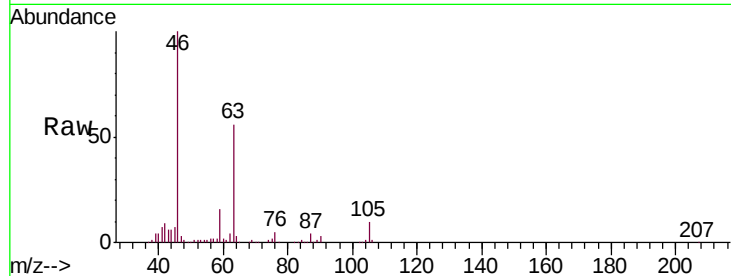




#48
2-Hexanone
Concen: 4.810 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

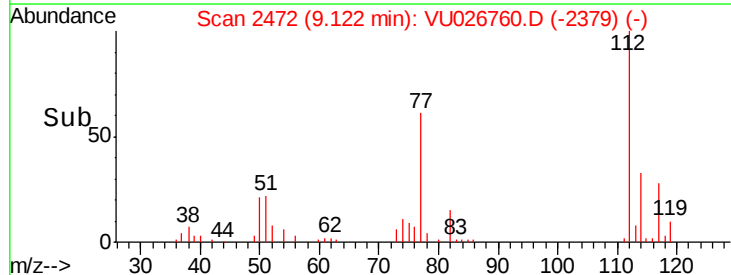
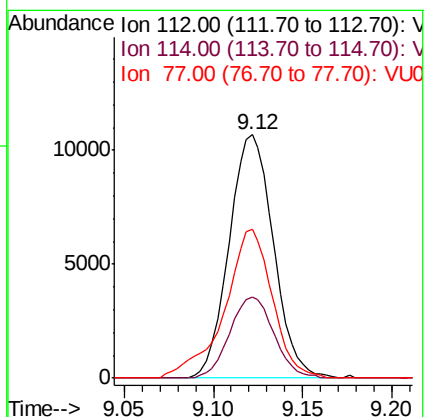
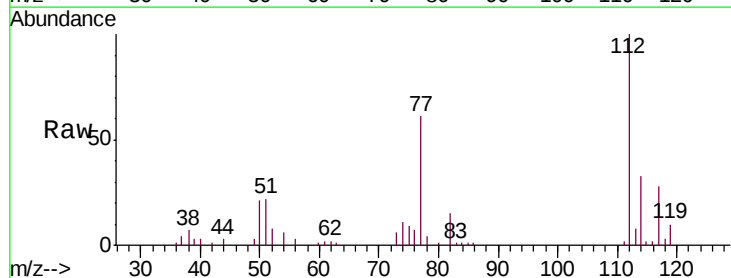
Instrument :
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ClientSampled :
C08K3DL

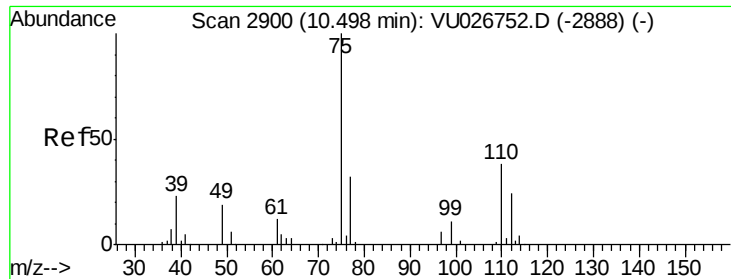
Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
58 30.6 42.2 63.4#
57 30.8 14.4 21.6#
100 0.0 8.7 13.1#



#51
Chlorobenzene
Concen: 6.239 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026760.D
Acq: 14 Sep 2018 12:54

Tgt Ion: 112 Resp: 18455
Ion Ratio Lower Upper
112 100
114 33.3 22.9 42.5
77 61.0 47.2 70.8

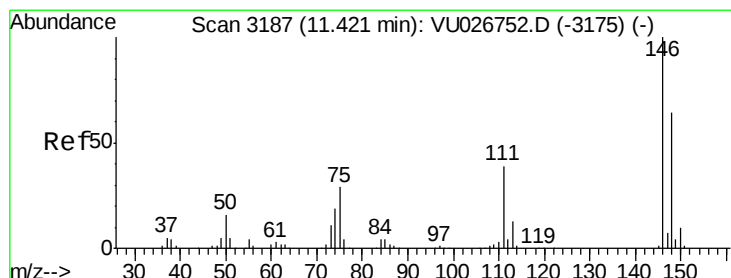
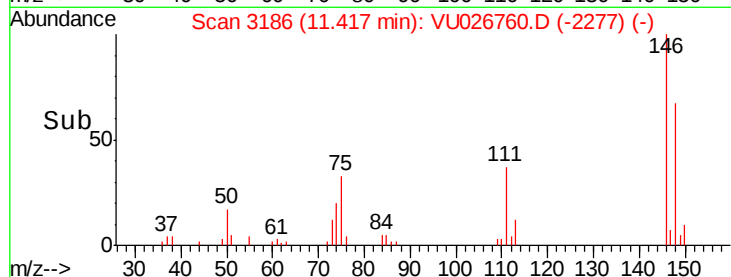
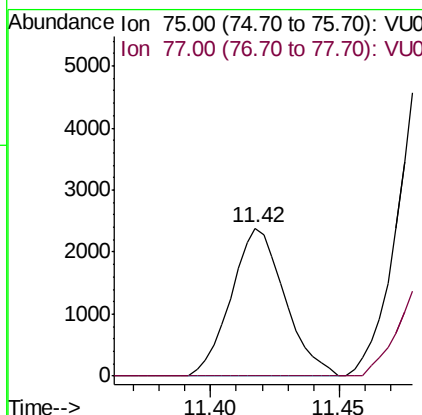
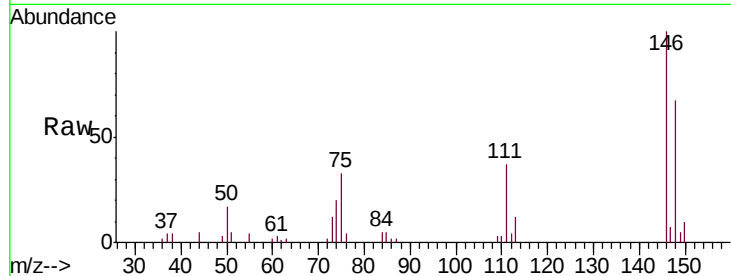




#59
 1,2,3-Trichloropropane
 Concen: 2.403 ug/L
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.92 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

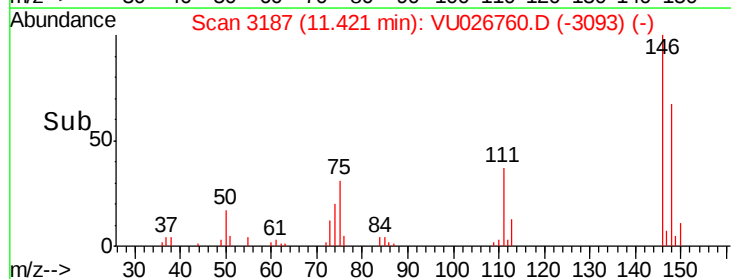
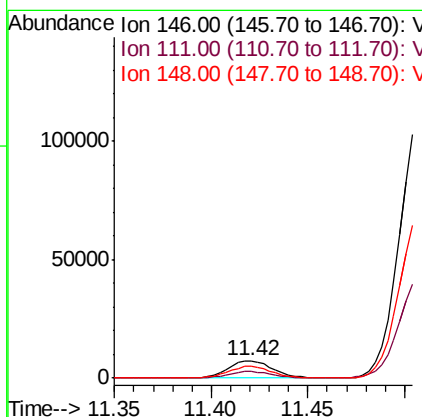
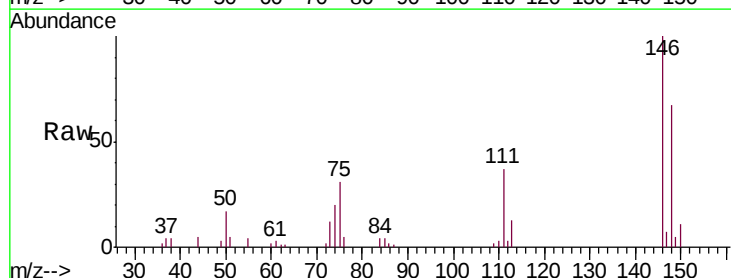
Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

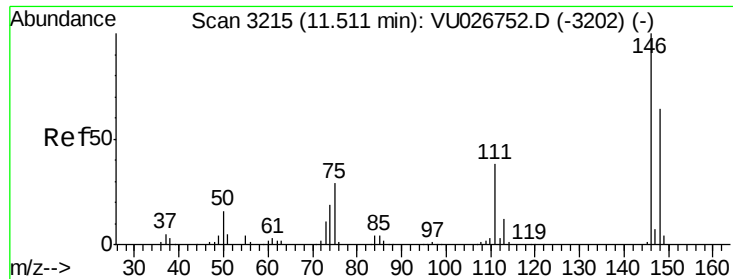
Tgt Ion: 75 Resp: 3452
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.6#



#62
 1,3-Dichlorobenzene
 Concen: 6.030 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion: 146 Resp: 11836
 Ion Ratio Lower Upper
 146 100
 111 36.5 26.7 49.5
 148 67.1 44.2 82.2

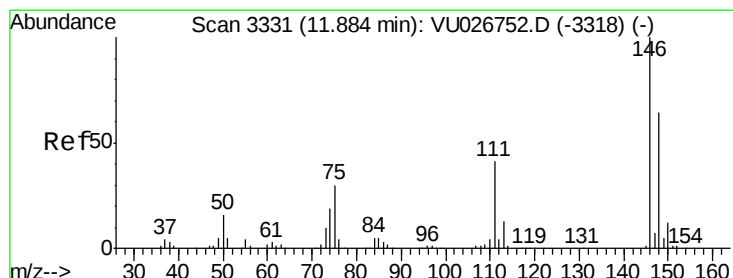
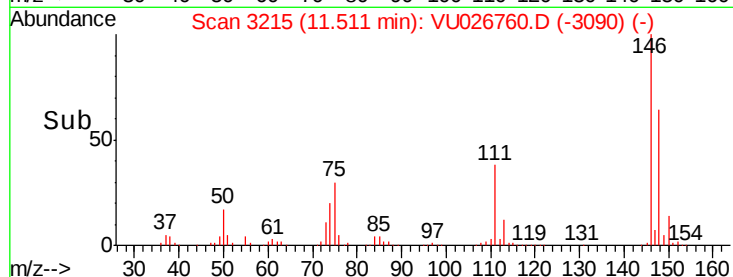
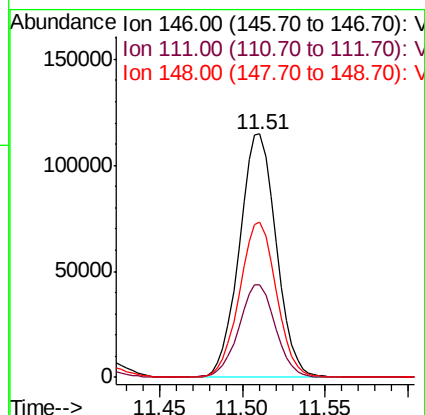
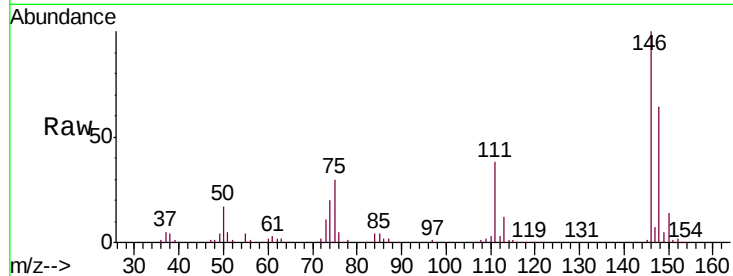




#63
 1,4-Dichlorobenzene
 Concen: 85.423 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

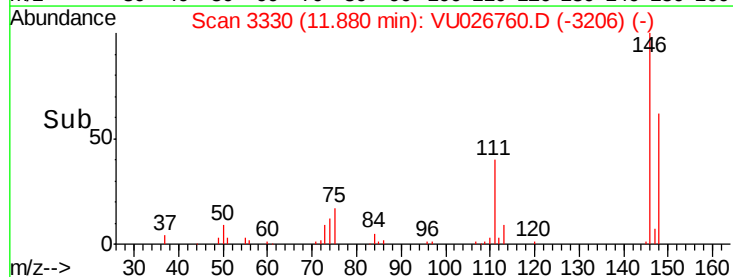
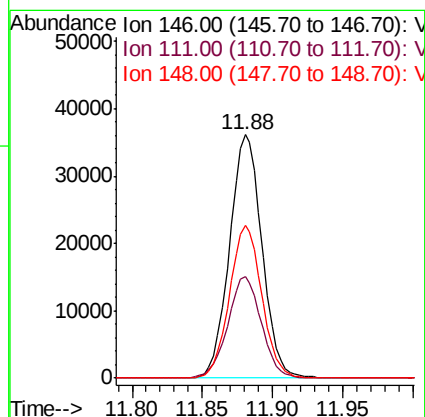
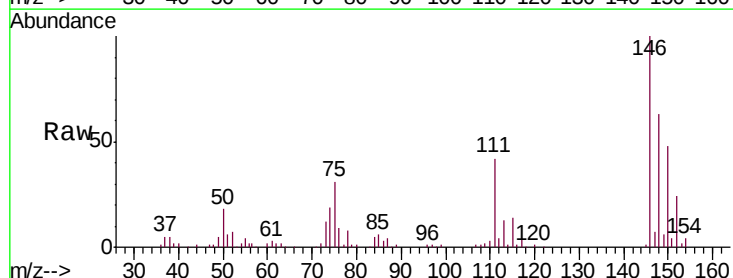
Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

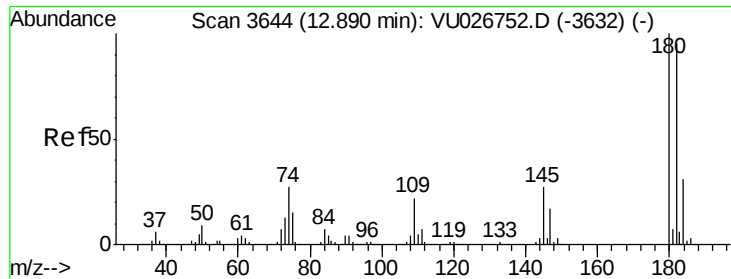
Tgt Ion:146 Resp: 177635
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.5 49.3
 148 63.8 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 28.016 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:146 Resp: 58123
 Ion Ratio Lower Upper
 146 100
 111 41.7 32.8 49.2
 148 62.6 52.2 78.4

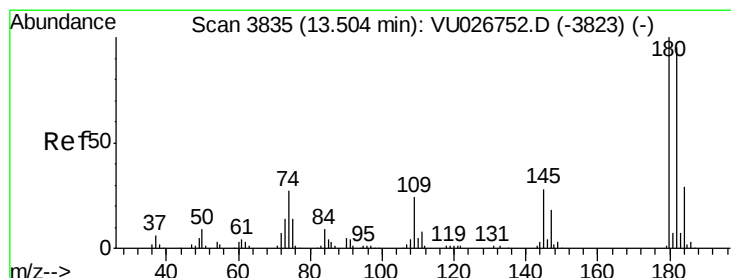
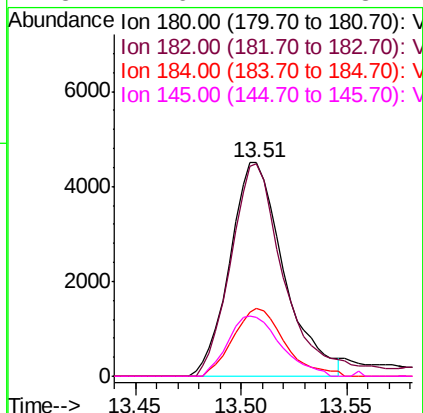
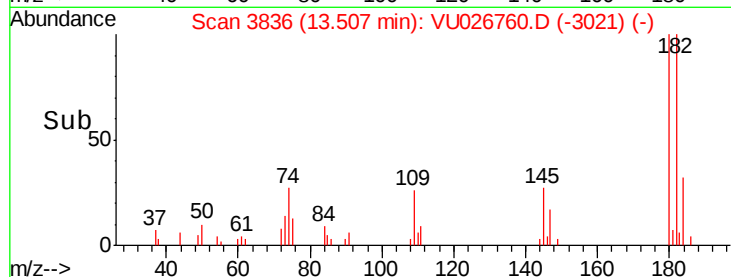
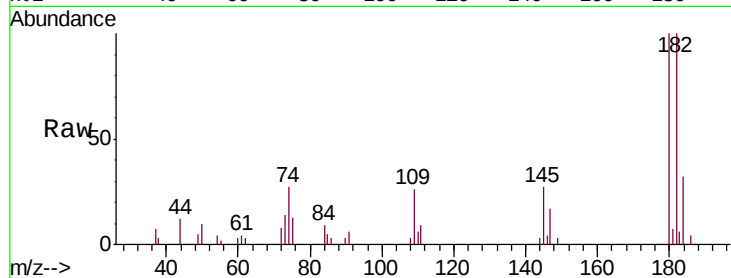




#67
 1,3,5-Trichlorobenzene
 Concen: 5.138 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.62 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

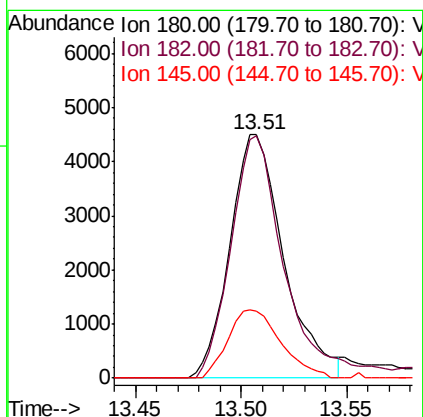
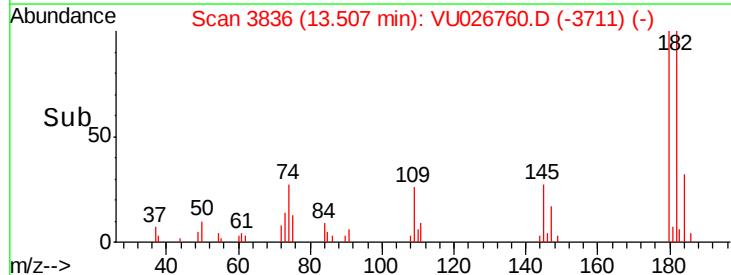
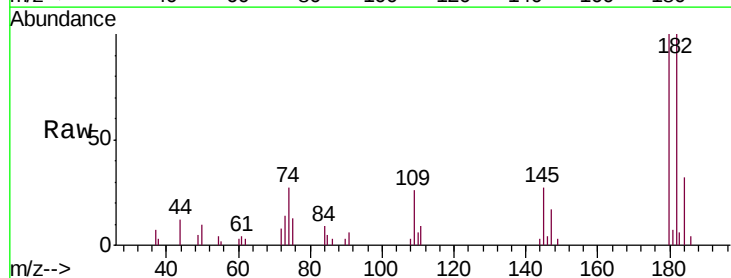
Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

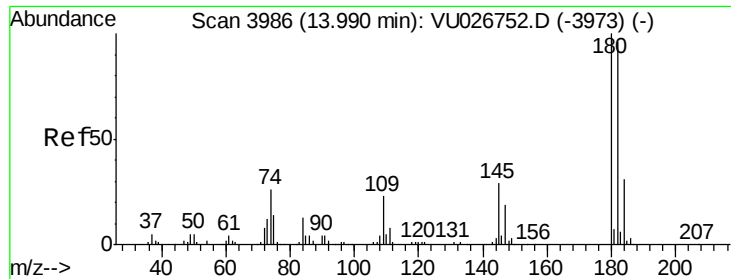
Tgt Ion:	180	Resp:	8000
Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.8	115.2
184	30.2	24.2	36.2
145	27.6	21.4	32.2



#68
 1,2,4-trichlorobenzene
 Concen: 5.911 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:	180	Resp:	8000
Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	27.6	23.4	35.0





#70
 1,2,3-Trichlorobenzene
 Concen: 1.210 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

Tgt Ion:180 Resp: 1774
 Ion Ratio Lower Upper
 180 100
 182 88.1 76.7 115.1
 145 21.3 23.0 34.6#

