

Data File : VU026863.D
Acq On : 18 Sep 2018 15:37
Operator : MD/SY
Sample : J4896-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08M8

Quant Time: Sep 19 05:08:53 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	228264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73173	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.68	69	66779	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	109492	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	4.18	46	128234	114.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.44%
24) Chloroform-d	4.65	84	149275	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.31	65	99356	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
32) Benzene-d6	5.34	84	305450	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.33	67	102410	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.57	98	253182	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.85	79	40974	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.31	63	87657	114.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140119	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	99891	54.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.94%

Target Compounds

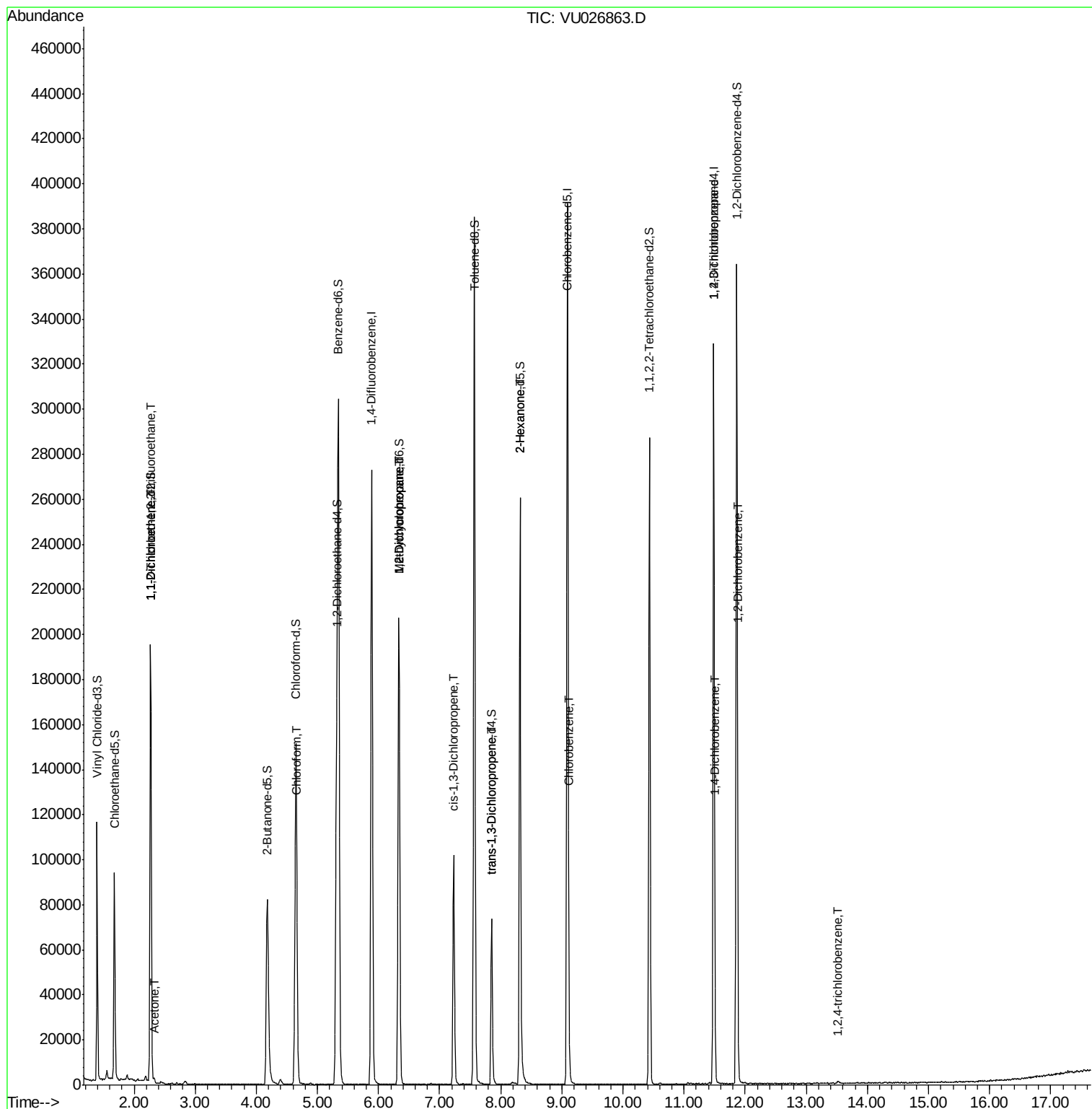
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	986	0.626	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	907	0.613	ug/L #	1
13) Acetone	2.32	43	790	0.717	ug/L #	42
25) Chloroform	4.67	83	2602	0.817	ug/L #	74
35) Methylcyclohexane	6.33	83	23536	8.959	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	10409	5.642	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2165	0.831	ug/L #	50
44) trans-1,3-Dichloropropene	7.85	75	1635	0.670	ug/L	93
48) 2-Hexanone	8.31	43	10368	5.864	ug/L #	66
51) Chlorobenzene	9.12	112	5952	1.291	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	10254	4.640	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	2159	0.730	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	2587	0.869	ug/L #	91
68) 1,2,4-trichlorobenzene	13.51	180	773	0.431	ug/L #	78

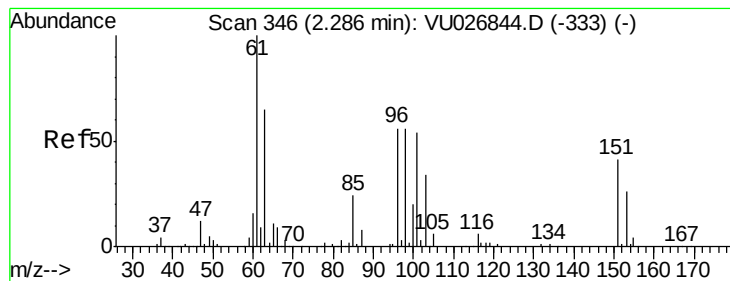
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.626 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026863.D

Acq: 18 Sep 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

C08M8

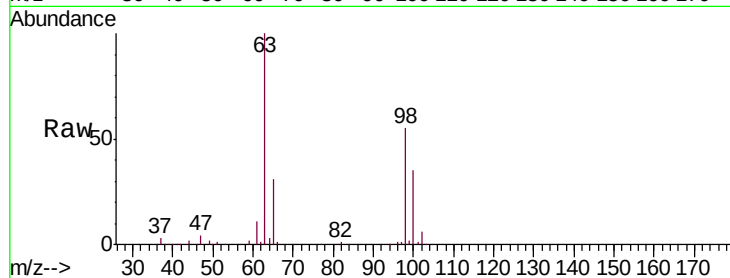
Tgt Ion: 101 Resp: 986

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

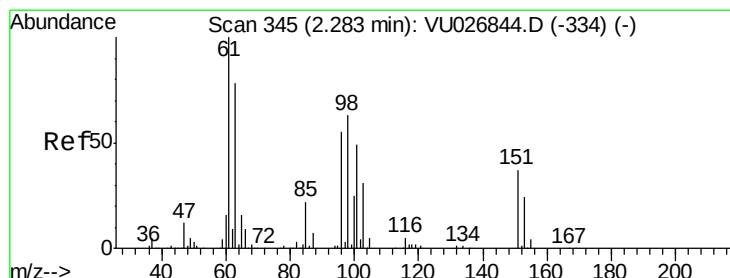
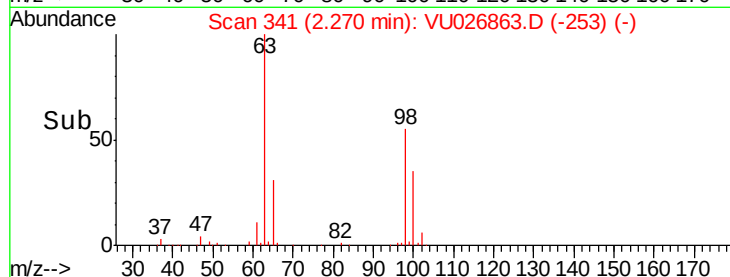
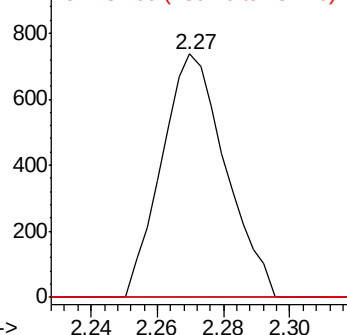
151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.613 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026863.D

Acq: 18 Sep 2018 15:37

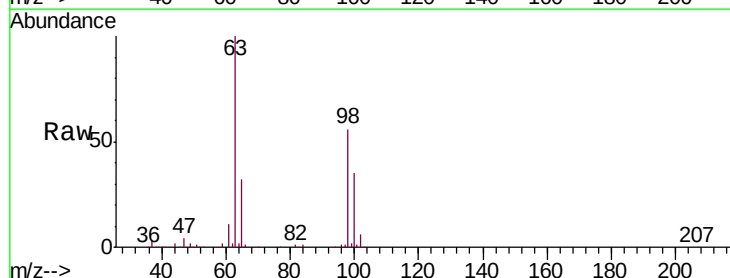
Tgt Ion: 96 Resp: 907

Ion Ratio Lower Upper

96 100

61 1368.4 124.0 230.4#

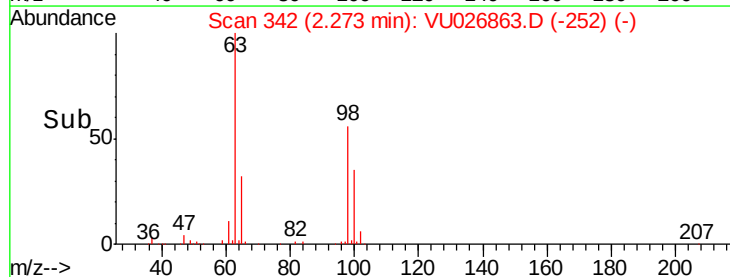
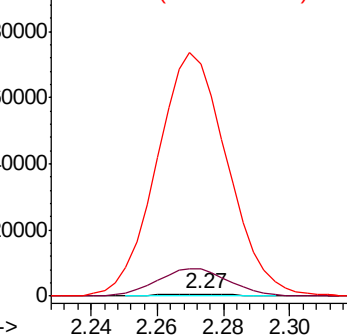
63 11908.0 97.7 181.5#

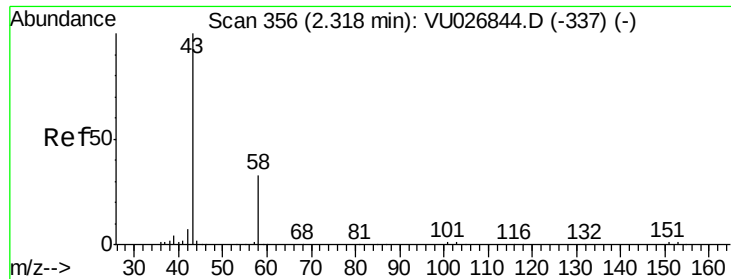


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.717 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026863.D

Acq: 18 Sep 2018 15:37

Instrument :

MSVOA_U

ClientSampled :

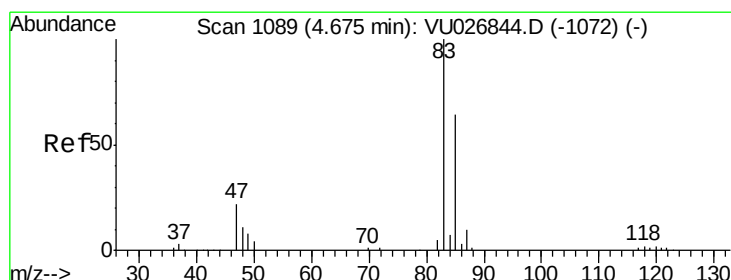
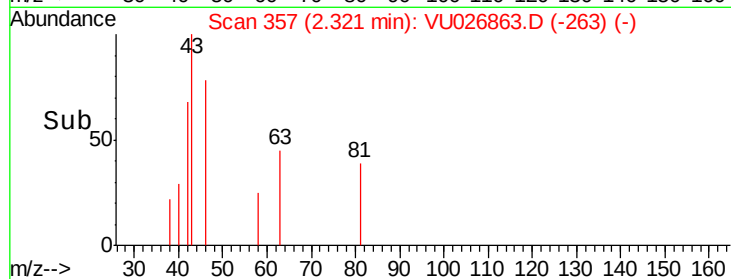
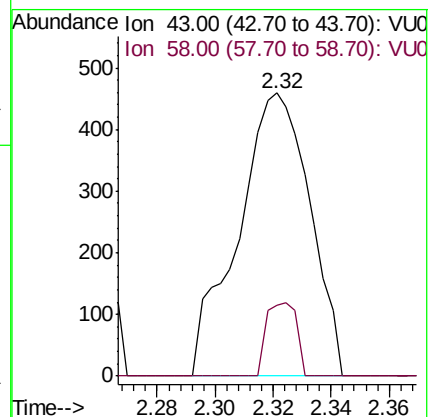
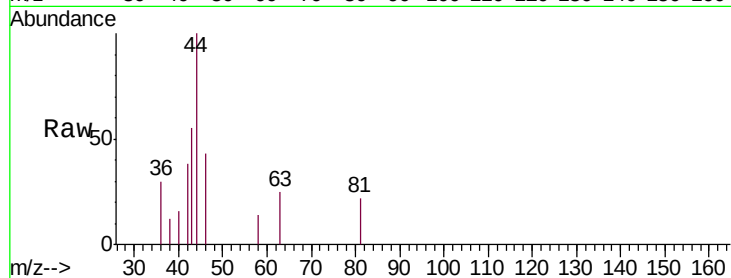
C08M8

Tgt Ion: 43 Resp: 790

Ion Ratio Lower Upper

43 100

58 0.0 0.0 64.6



#25

Chloroform

Concen: 0.817 ug/L

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU026863.D

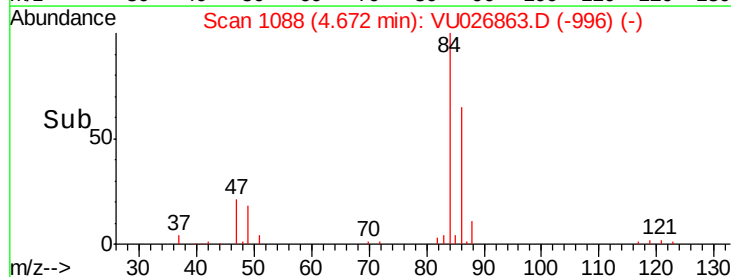
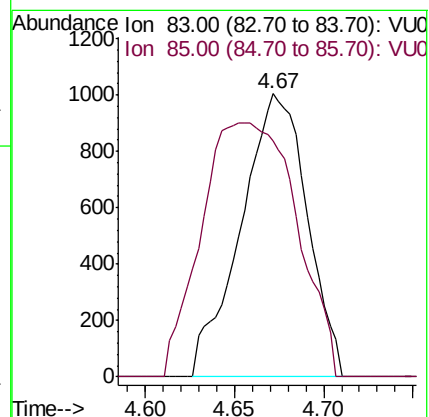
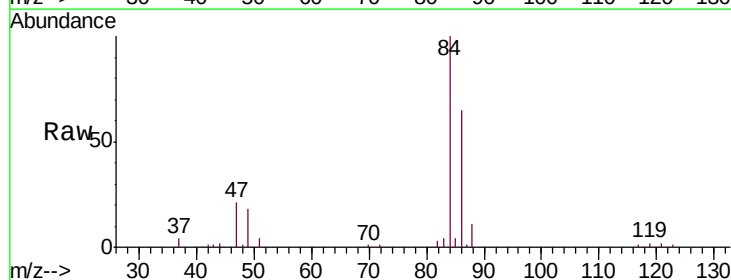
Acq: 18 Sep 2018 15:37

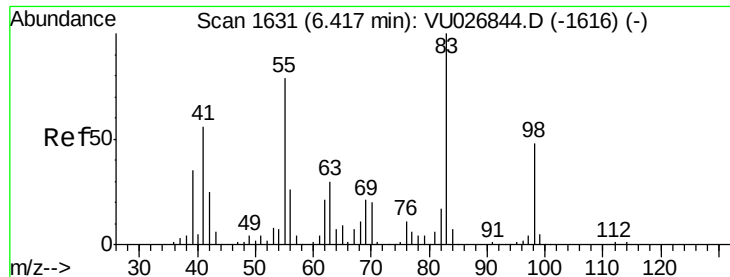
Tgt Ion: 83 Resp: 2602

Ion Ratio Lower Upper

83 100

85 83.5 44.4 82.5#





#35

Methylcyclohexane

Concen: 8.959 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026863.D

Acq: 18 Sep 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

C08M8

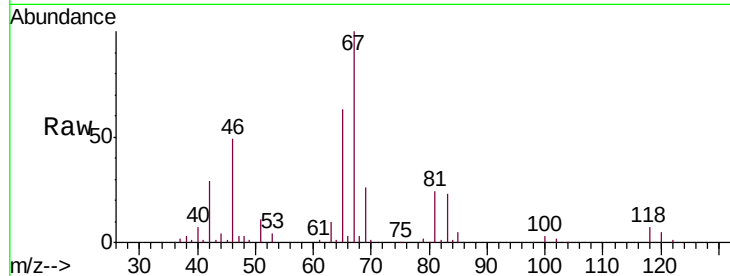
Tgt Ion: 83 Resp: 23536

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

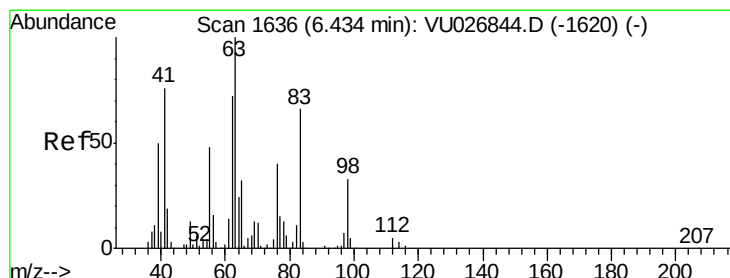
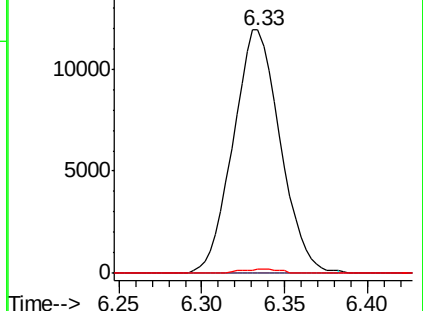
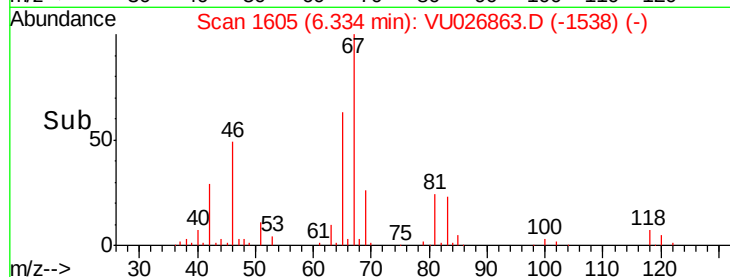
98 1.4 38.3 57.5#



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: 5.642 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026863.D

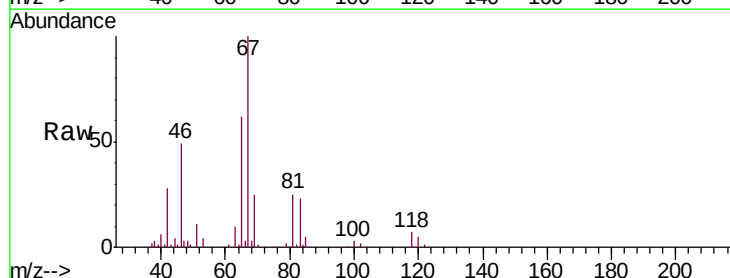
Acq: 18 Sep 2018 15:37

Tgt Ion: 63 Resp: 10409

Ion Ratio Lower Upper

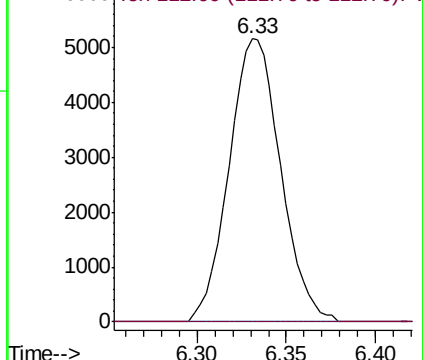
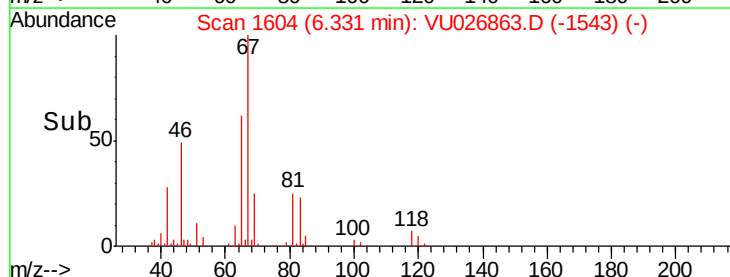
63 100

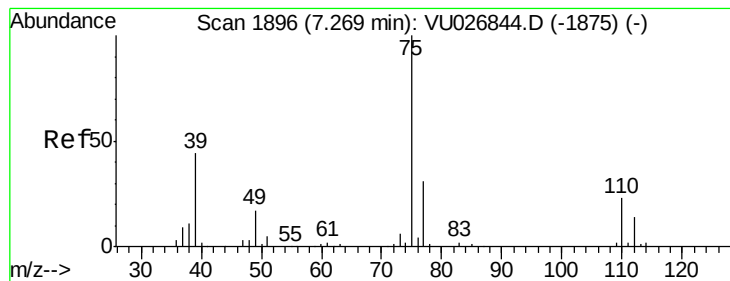
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



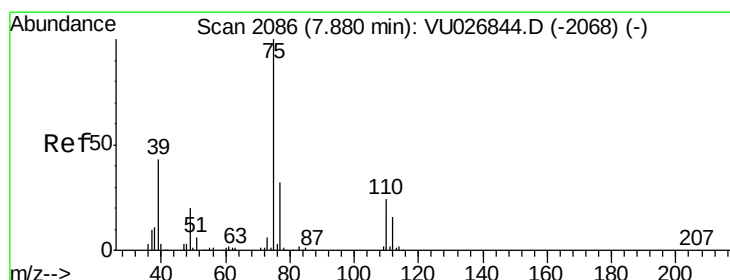
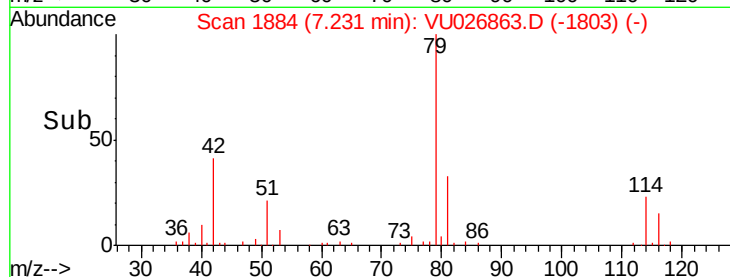
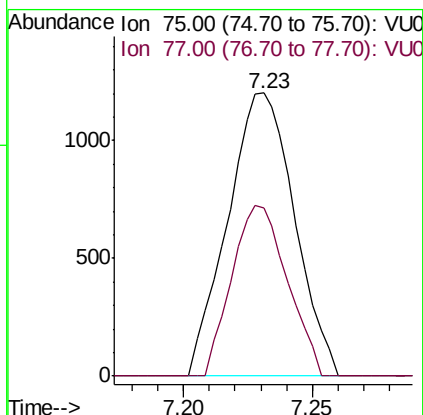
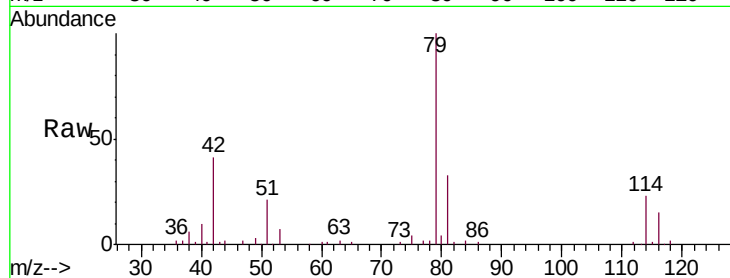


#39

cis-1,3-Dichloropropene
 Concen: 0.831 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M8

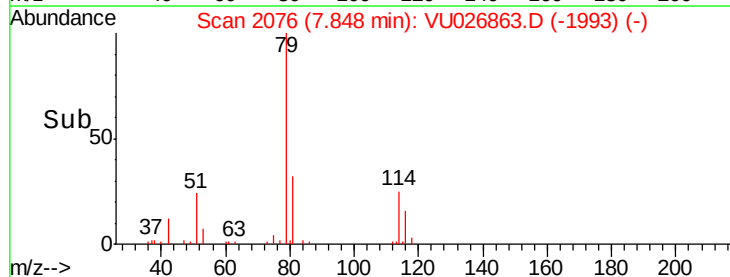
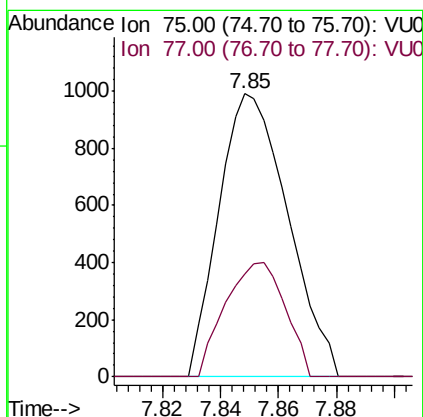
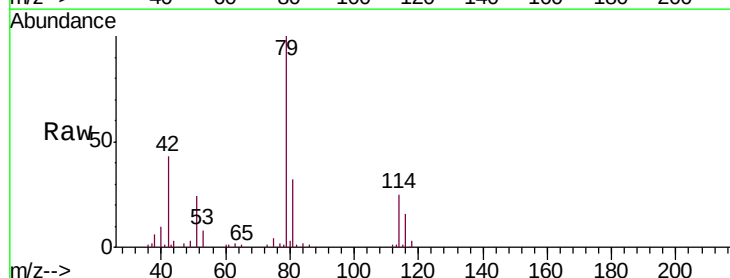
Tgt Ion: 75 Resp: 2165
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.1 41.1#

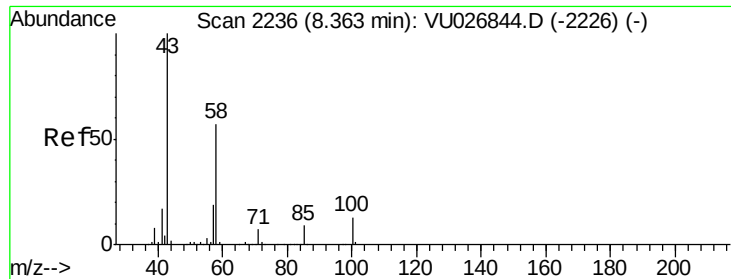


#44

trans-1,3-Dichloropropene
 Concen: 0.670 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Tgt Ion: 75 Resp: 1635
 Ion Ratio Lower Upper
 75 100
 77 36.3 22.8 42.4

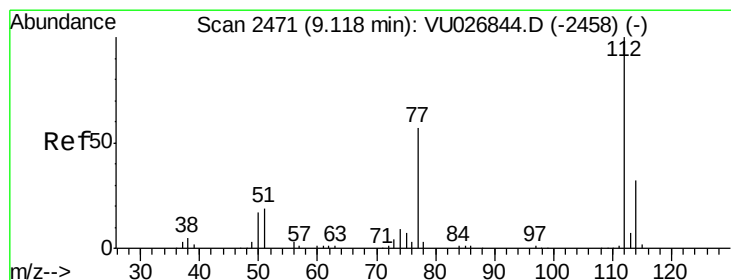
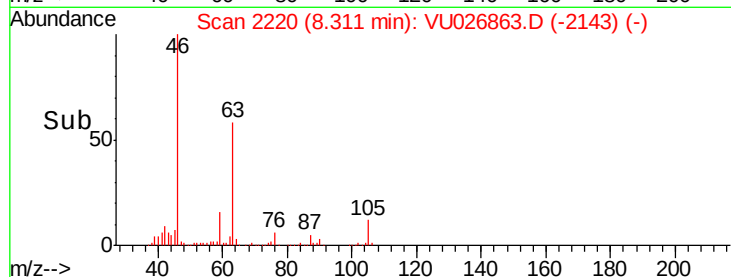
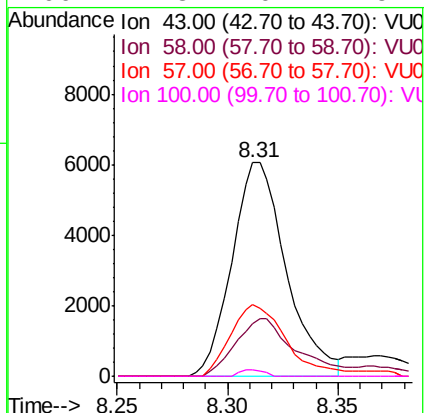
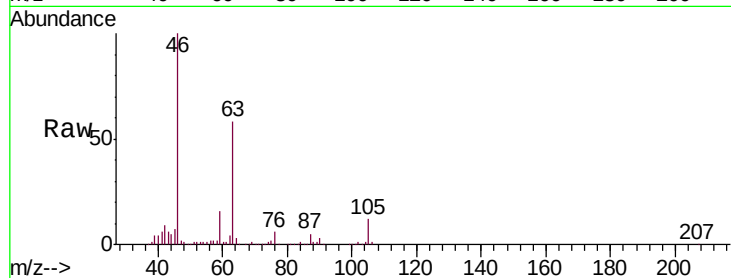




#48
 2-Hexanone
 Concen: 5.864 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

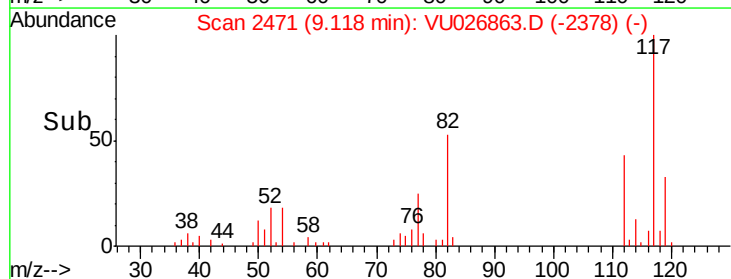
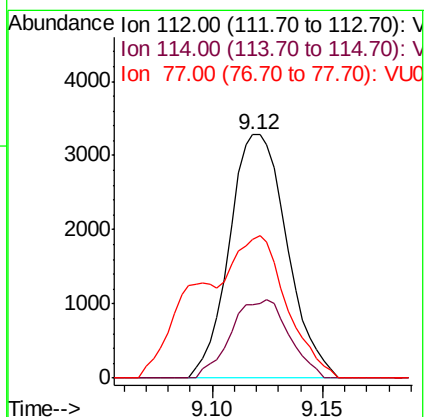
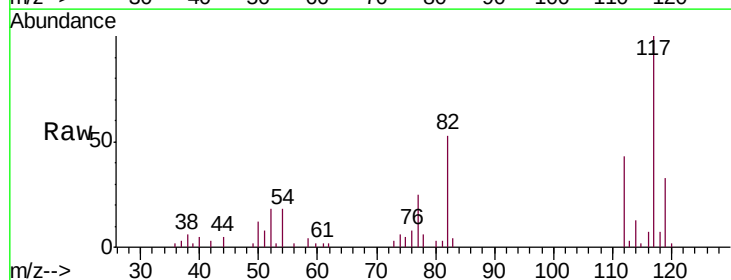
Instrument :
 MSVOA_U
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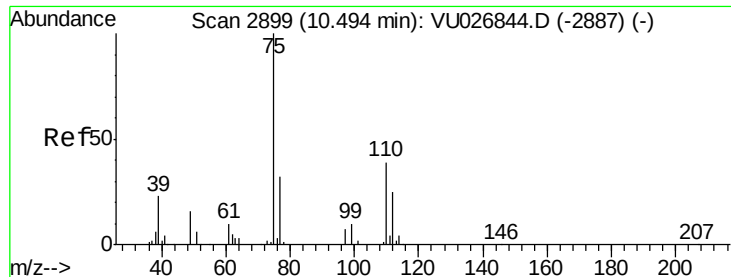
Tgt Ion:	43	Resp:	10368
Ion	Ratio	Lower	Upper
43	100		
58	30.0	44.9	67.3#
57	34.7	15.4	23.2#
100	1.3	10.2	15.4#



#51
 Chlorobenzene
 Concen: 1.291 ug/L
 RT: 9.12 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Tgt Ion:	112	Resp:	5952
Ion	Ratio	Lower	Upper
112	100		
114	29.9	22.3	41.5
77	57.1	45.1	67.7

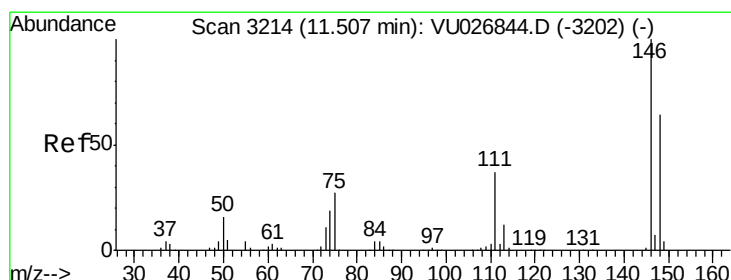
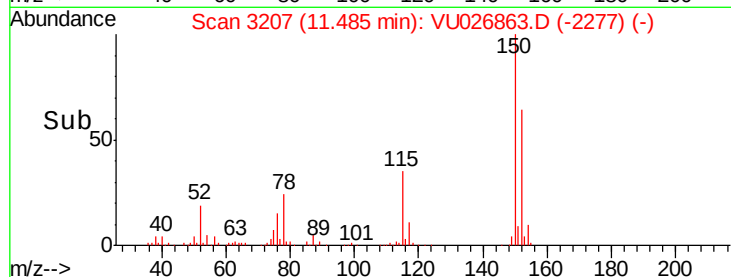
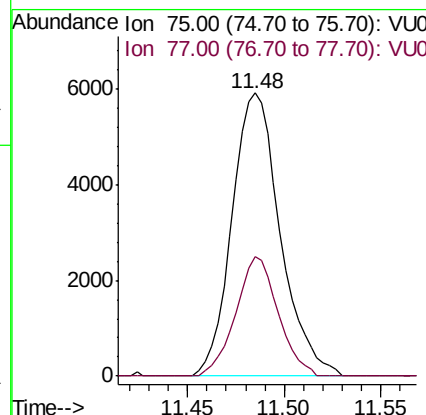
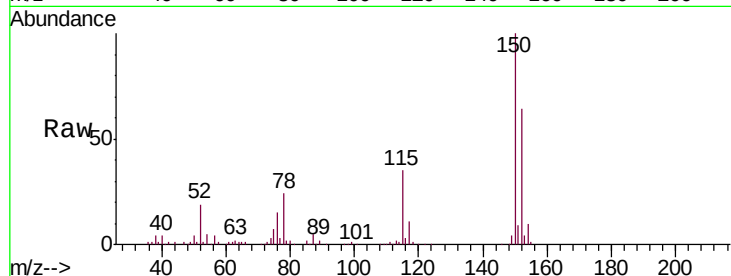




#59
 1,2,3-Trichloropropane
 Concen: 4.640 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

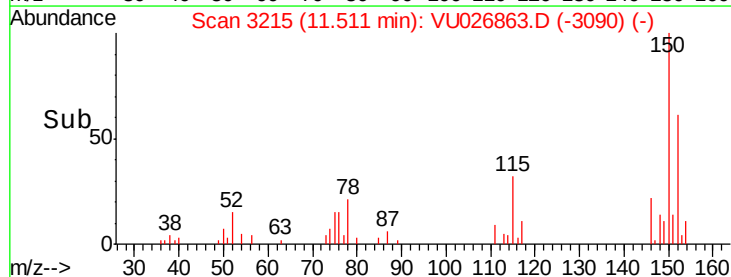
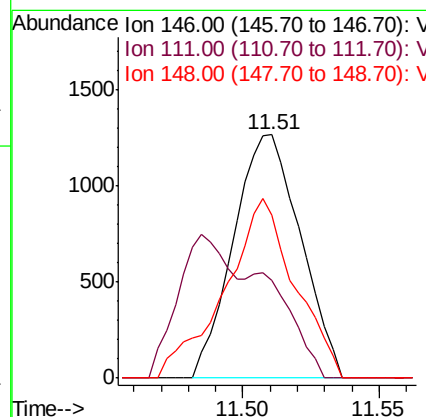
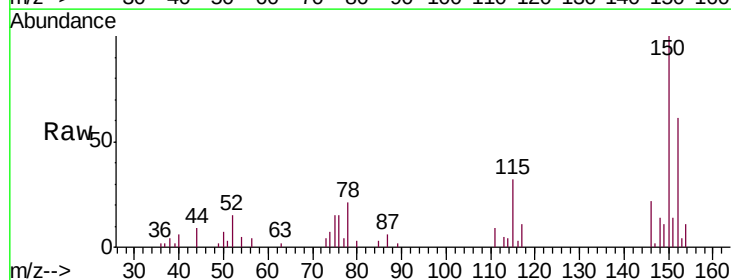
Instrument :
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 C08M8

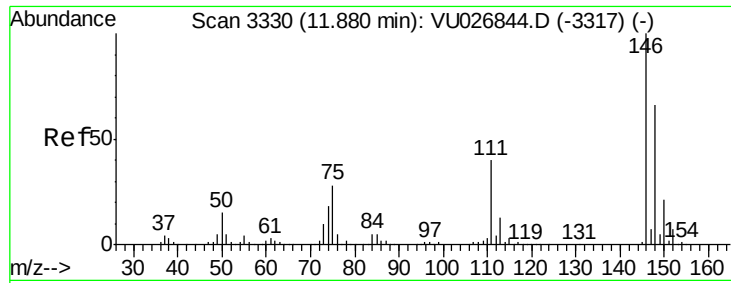
Tgt Ion: 75 Resp: 10254
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.5 38.3



#63
 1,4-Dichlorobenzene
 Concen: 0.730 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Tgt Ion: 146 Resp: 2159
 Ion Ratio Lower Upper
 146 100
 111 40.0 26.0 48.2
 148 66.8 45.8 85.2

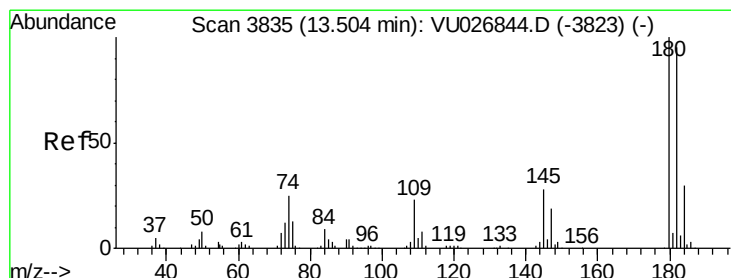
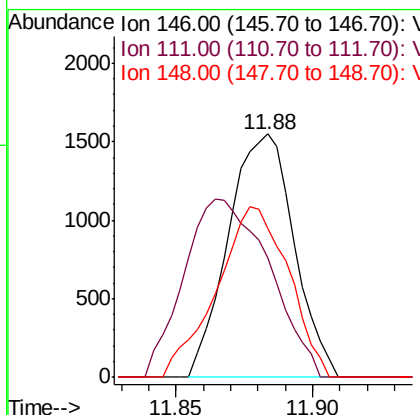
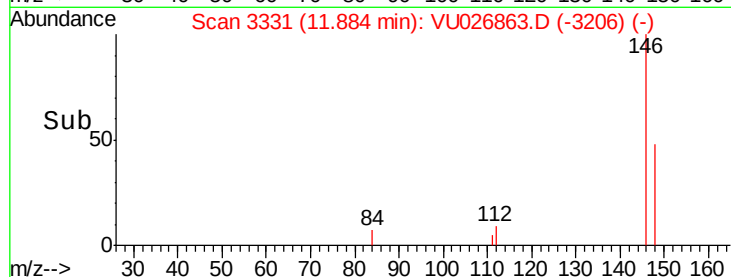
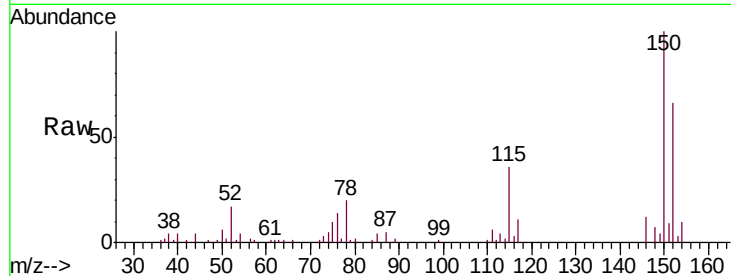




#65
 1,2-Dichlorobenzene
 Concen: 0.869 ug/L
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M8

Tgt Ion:146 Resp: 2587
 Ion Ratio Lower Upper
 146 100
 111 49.2 31.4 47.0#
 148 61.2 51.4 77.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.431 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026863.D
 Acq: 18 Sep 2018 15:37

Tgt Ion:180 Resp: 773
 Ion Ratio Lower Upper
 180 100
 182 77.9 76.8 115.2
 145 9.3 22.2 33.2#

