

Data File : VU026766.D
Acq On : 14 Sep 2018 15:13
Operator : MD/SY
Sample : J4890-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

Quant Time: Sep 15 07:02:49 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	164768	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51723	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.68	69	43811	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.27	63	74171	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	4.18	46	78936	103.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.31%
24) Chloroform-d	4.65	84	89407	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
26) 1,2-Dichloroethane-d4	5.31	65	61901	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.34	84	182890	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.33	67	63903	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.57	98	157129	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%
43) trans-1,3-Dichloropropene-	7.85	79	26383	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.31	63	53452	98.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83754	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	59420	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%

Target Compounds

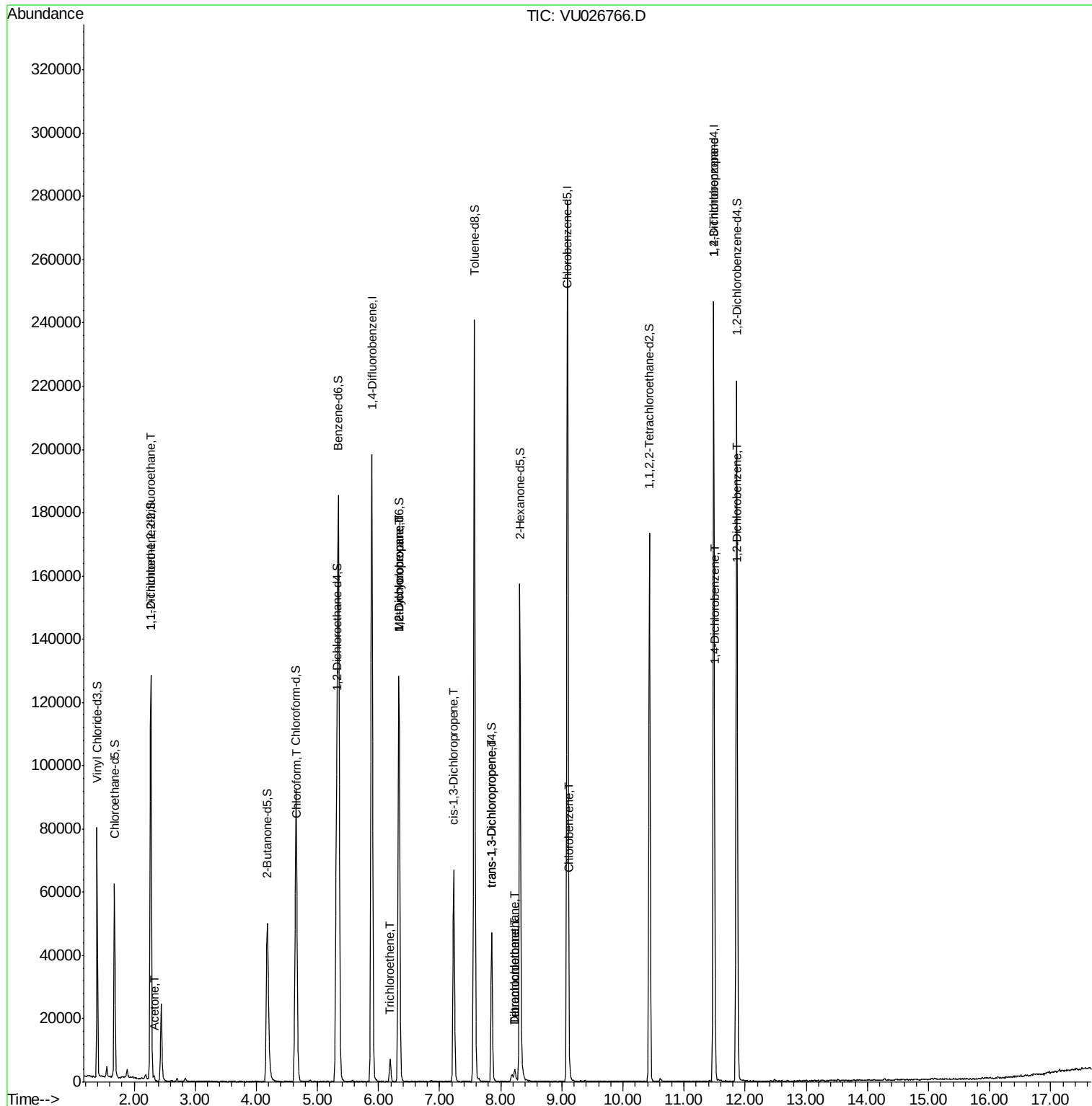
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	612	0.605 ug/L #	18
13) Acetone	2.32	43	735	0.845 ug/L	61
25) Chloroform	4.67	83	1875	0.934 ug/L	92
34) Trichloroethene	6.19	95	2539	2.385 ug/L	96
35) Methylcyclohexane	6.33	83	14380	8.439 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6593	5.511 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1503	0.849 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1013	0.615 ug/L #	77
46) Tetrachloroethene	8.23	164	751	0.839 ug/L	92
49) Dibromochloromethane	8.23	129	690	0.563 ug/L #	9
51) Chlorobenzene	9.12	112	1847	0.634 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8218	5.805 ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	2610	1.348 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1990	1.030 ug/L #	82

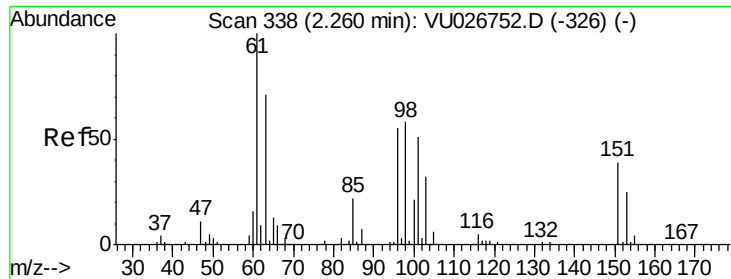
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.605 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026766.D

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MSVOA_U

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C0SZ3

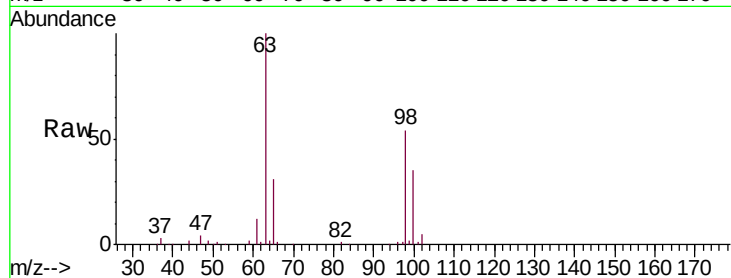
Tgt Ion:101 Resp: 612

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 62.6 94.0#



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

2.27

400

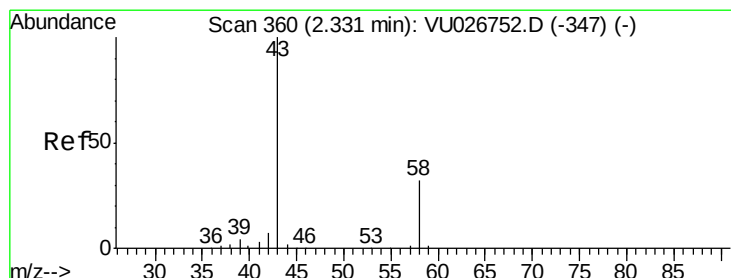
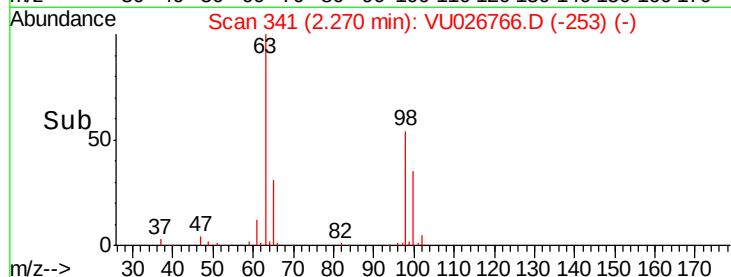
300

200

100

0

Time--> 2.24 2.26 2.28 2.30



#13

Acetone

Concen: 0.845 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026766.D

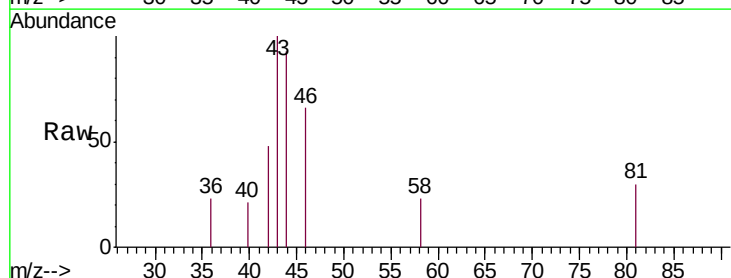
Acq: 14 Sep 2018 15:13

Tgt Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

58 9.8 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

600

500

400

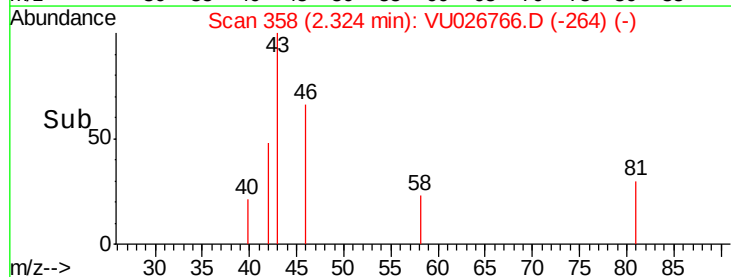
300

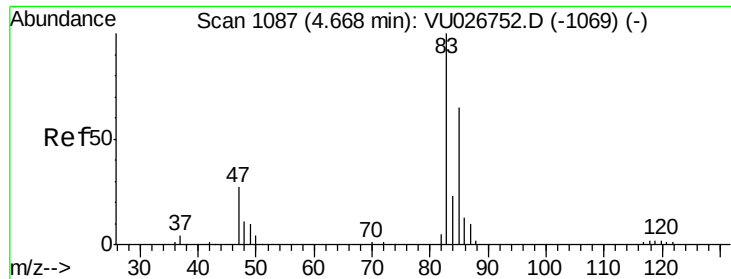
200

100

0

Time--> 2.28 2.30 2.32 2.34

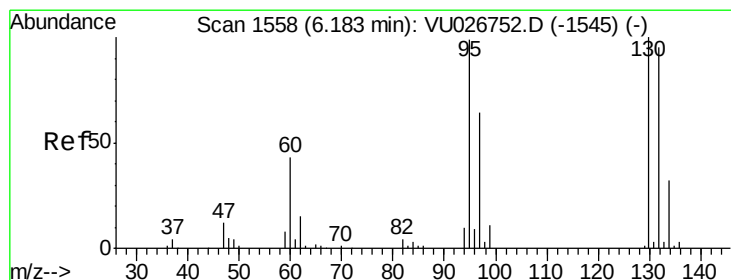
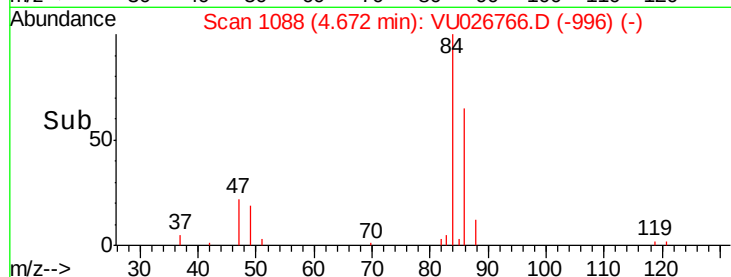
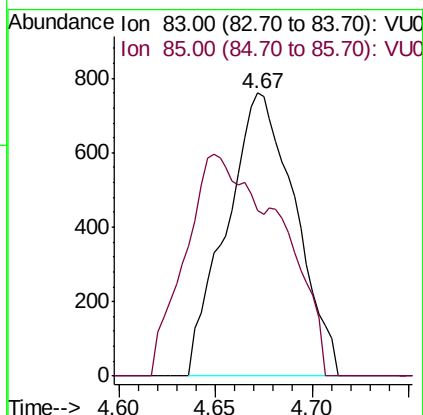
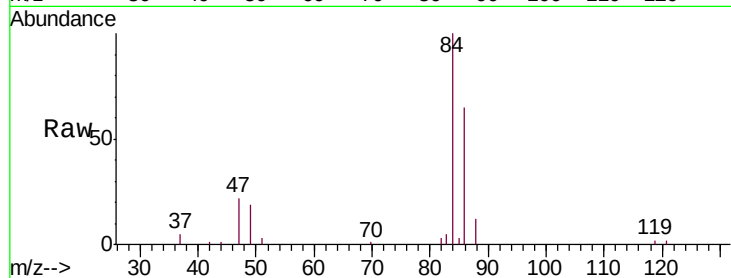




#25
Chloroform
Concen: 0.934 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

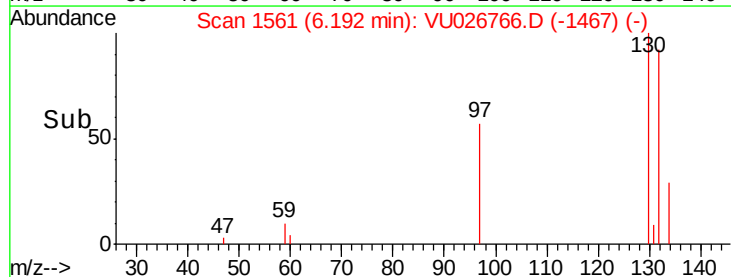
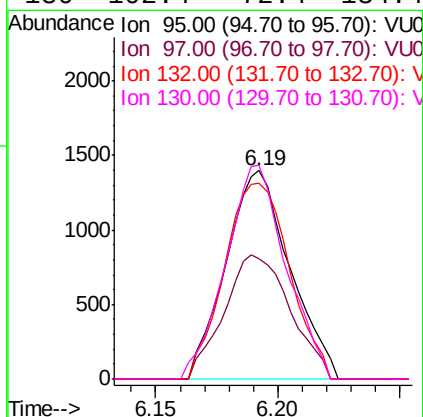
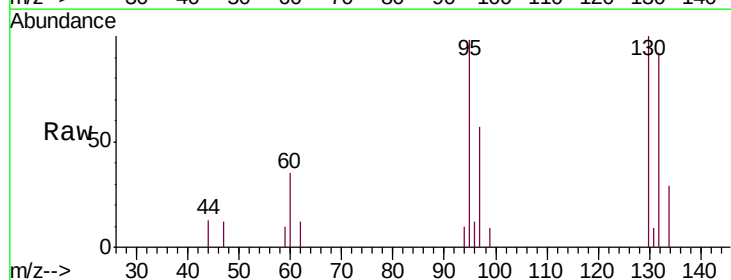
Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

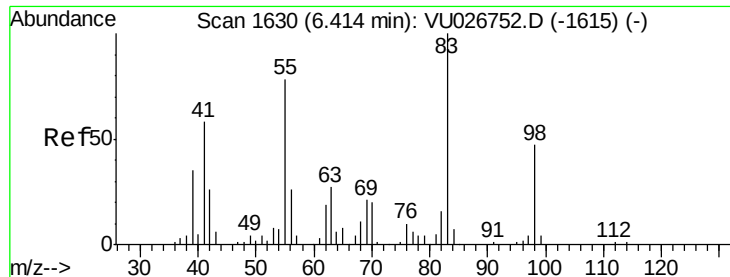
Tgt Ion: 83 Resp: 1875
Ion Ratio Lower Upper
83 100
85 58.7 45.6 84.6



#34
Trichloroethene
Concen: 2.385 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

Tgt Ion: 95 Resp: 2539
Ion Ratio Lower Upper
95 100
97 57.9 44.9 83.5
132 94.0 69.7 129.5
130 102.4 72.4 134.4

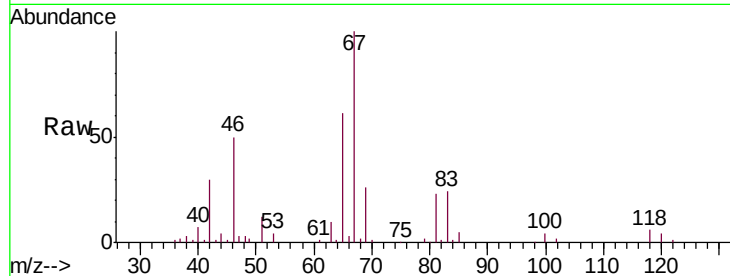




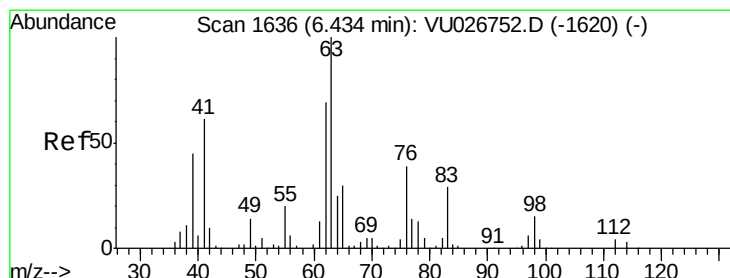
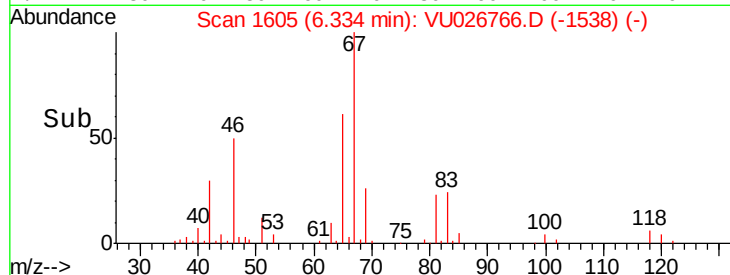
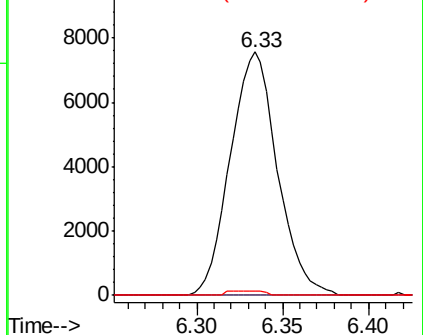
#35
Methylcyclohexane
Concen: 8.439 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

Tgt Ion: 83 Resp: 14380
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.7 37.0 55.4#

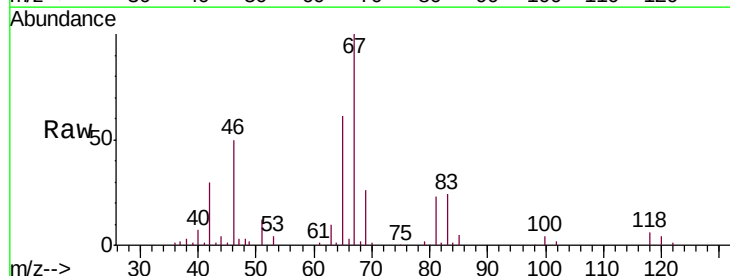


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

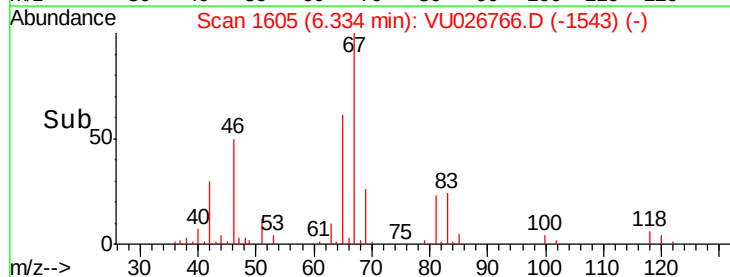
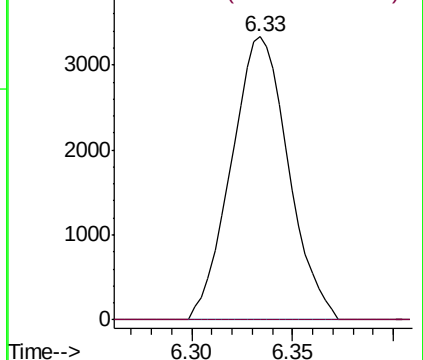


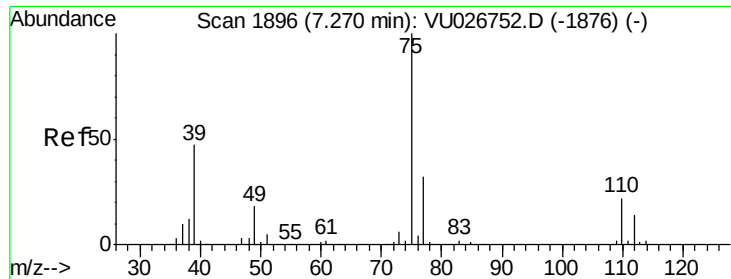
#37
1,2-Dichloropropane
Concen: 5.511 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

Tgt Ion: 63 Resp: 6593
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

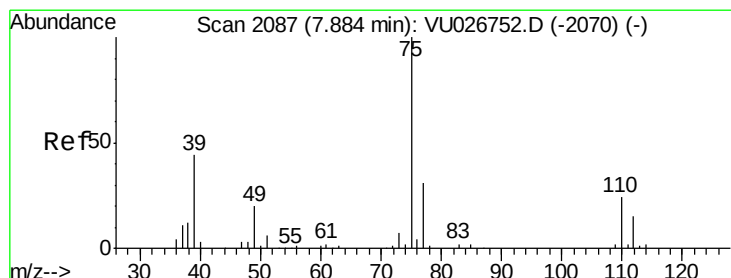
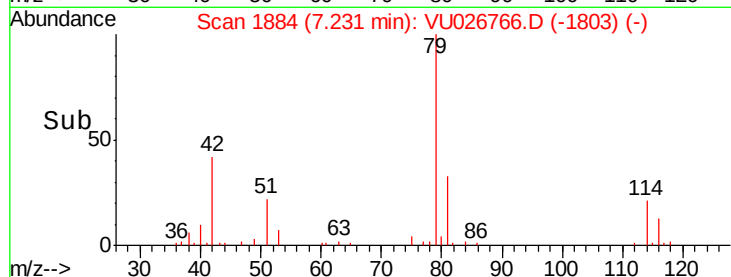
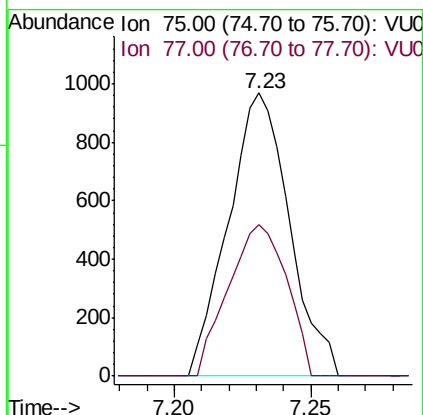
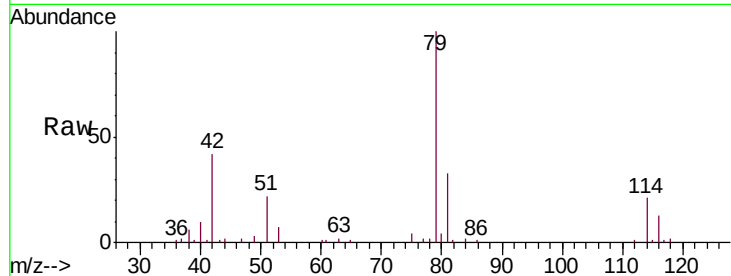




#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026766.D
 Acq: 14 Sep 2018 15:13

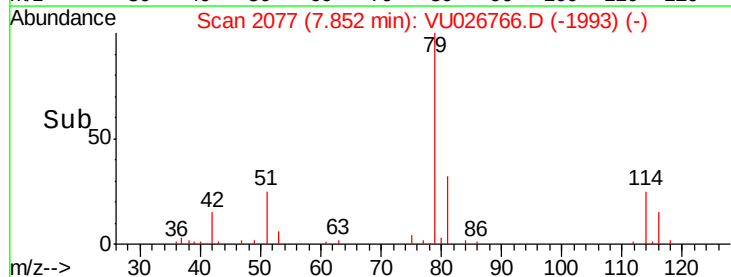
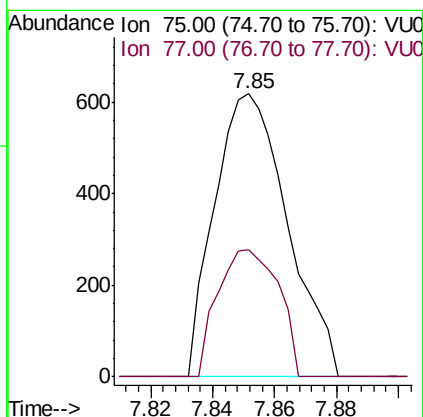
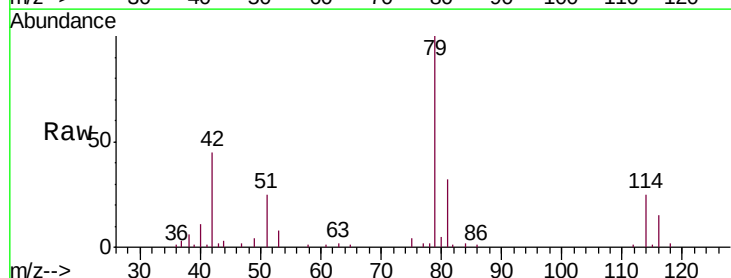
Instrument :
 MSVOA_U
 ClientSampled :
 C0SZ3

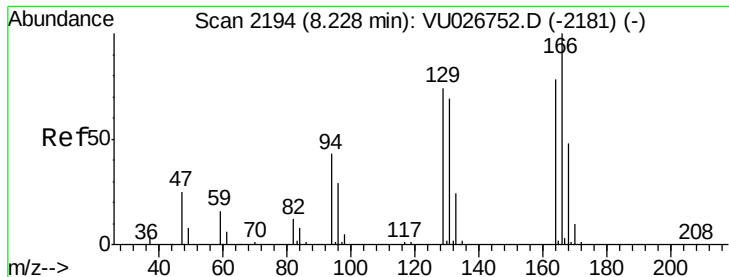
Tgt Ion: 75 Resp: 1503
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.615 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026766.D
 Acq: 14 Sep 2018 15:13

Tgt Ion: 75 Resp: 1013
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.4 41.6#





#46

Tetrachloroethene

Concen: 0.839 ug/L

RT: 8.23 min Scan# 2194

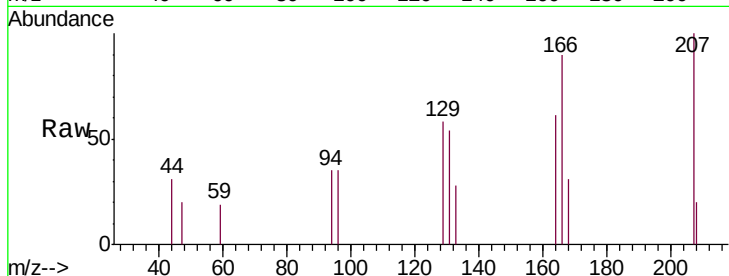
Delta R.T. -0.00 min

Lab File: VU026766.D

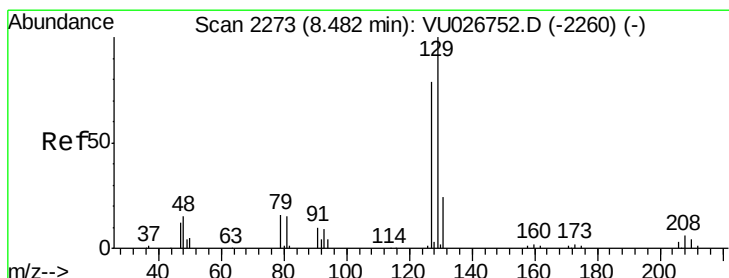
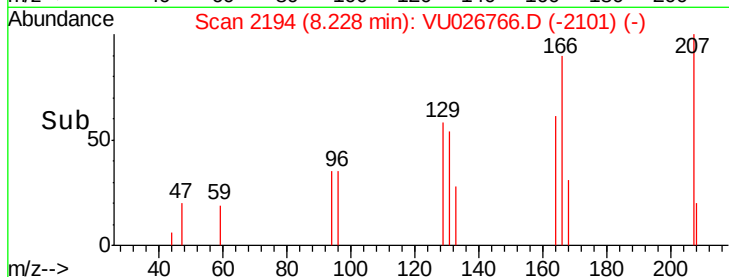
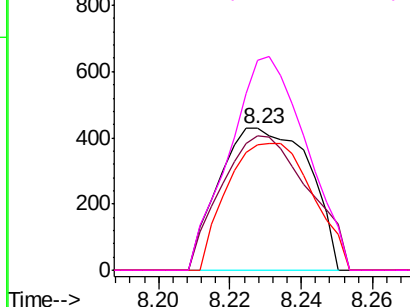
Acq: 14 Sep 2018 15:13

Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

Tgt Ion:	164	Resp:	751
Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.0	120.8
131	88.6	62.5	116.1
166	147.6	89.0	165.2



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 0.563 ug/L

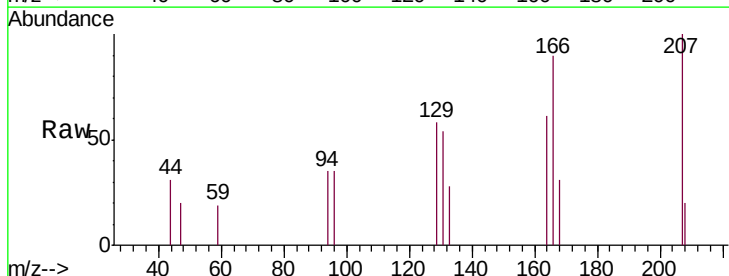
RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

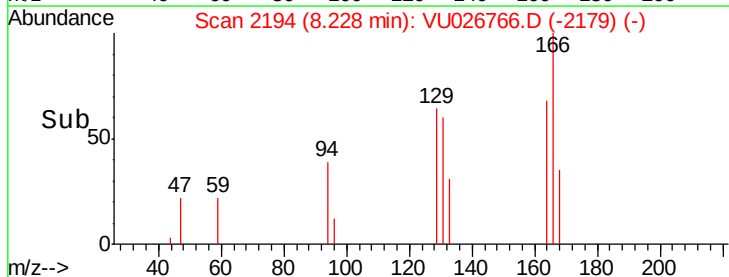
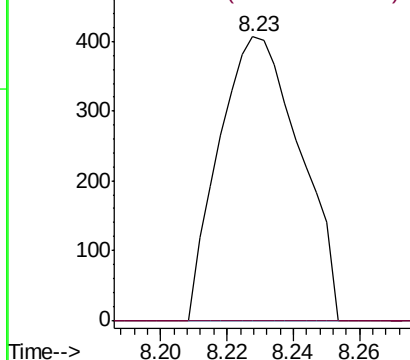
Lab File: VU026766.D

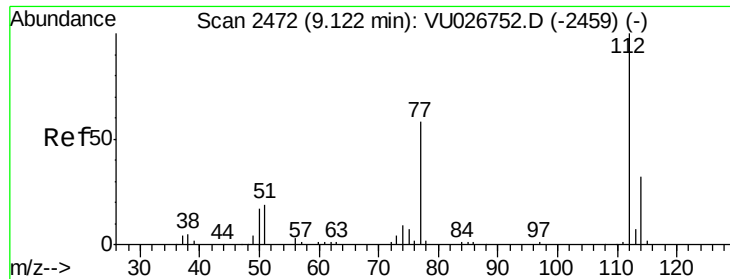
Acq: 14 Sep 2018 15:13

Tgt Ion:	129	Resp:	690
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

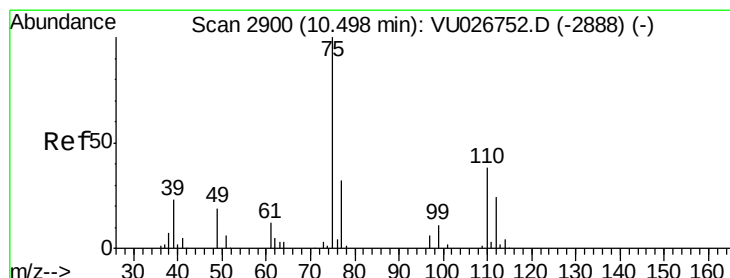
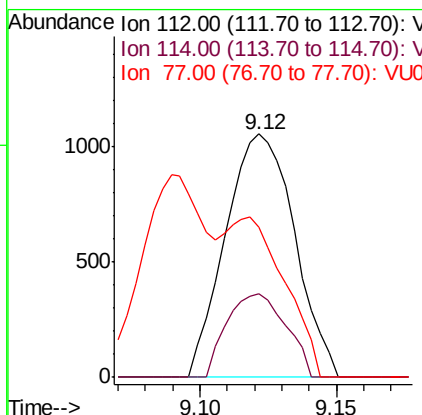
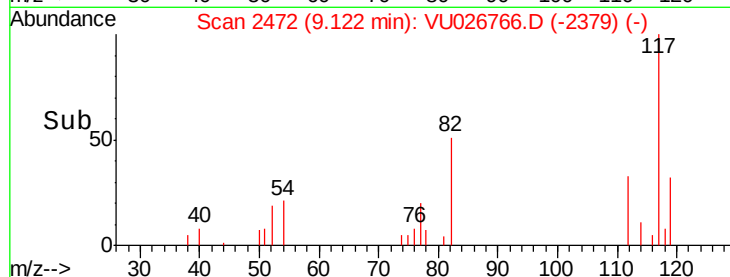
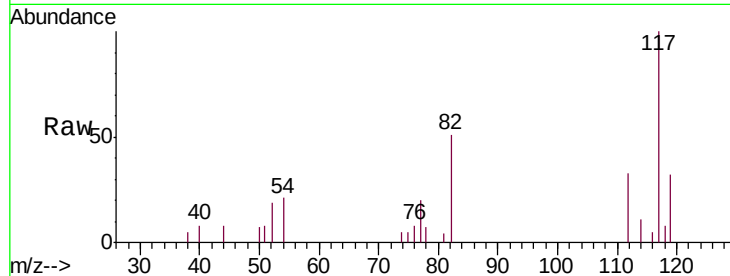




#51
Chlorobenzene
Concen: 0.634 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

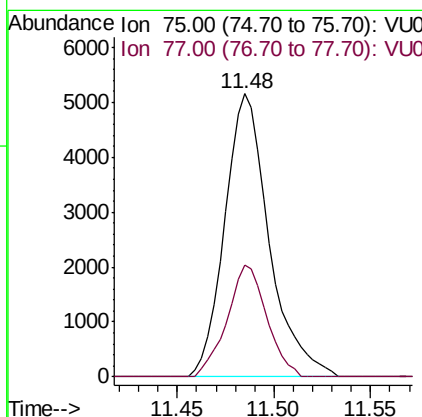
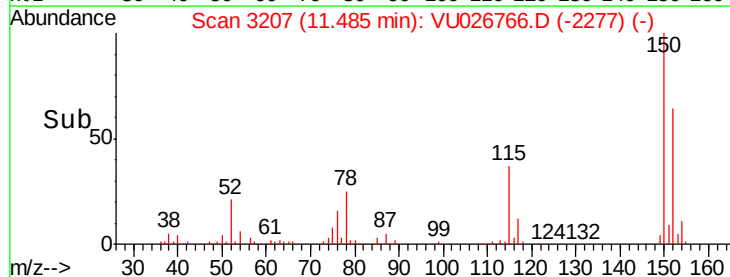
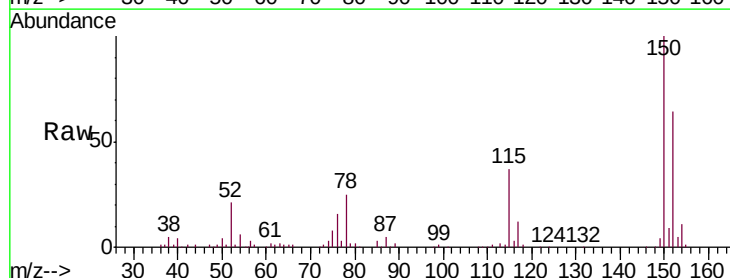
Instrument :
MSVOA_U
ClientSampled :
C0SZ3

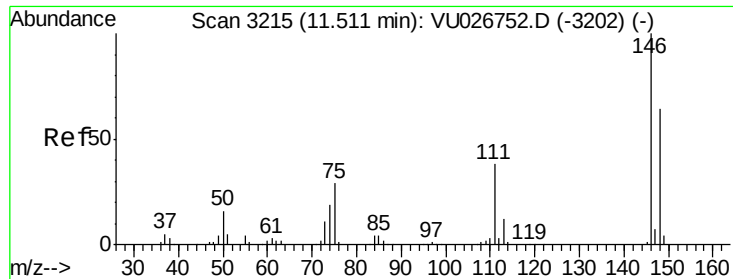
Tgt Ion: 112 Resp: 1847
Ion Ratio Lower Upper
112 100
114 34.2 22.9 42.5
77 61.7 47.2 70.8



#59
1,2,3-Trichloropropane
Concen: 5.805 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026766.D
Acq: 14 Sep 2018 15:13

Tgt Ion: 75 Resp: 8218
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.6

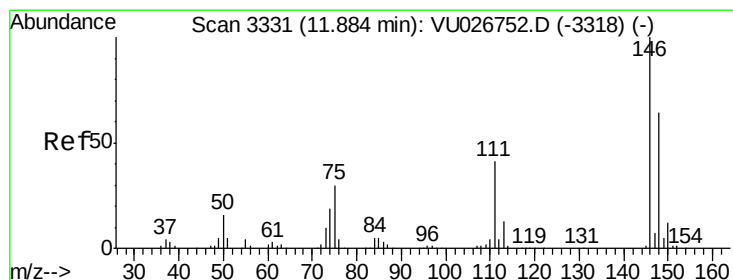
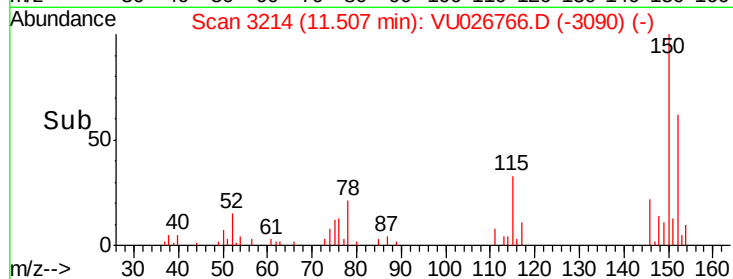
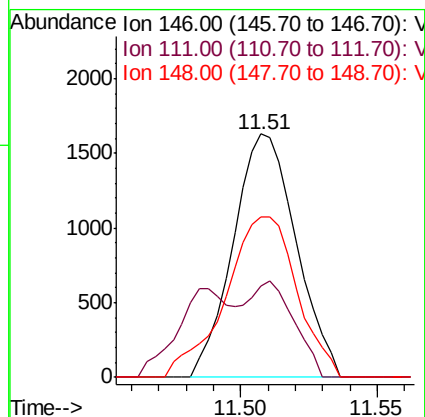
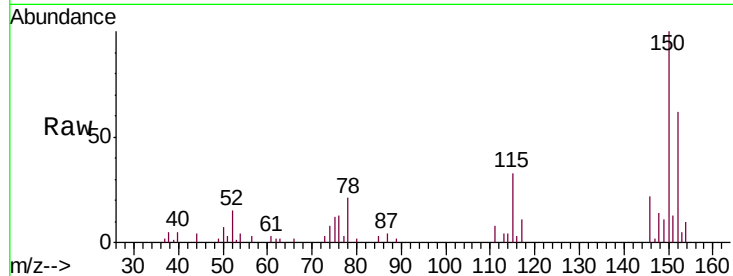




#63
 1,4-Dichlorobenzene
 Concen: 1.348 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026766.D
 Acq: 14 Sep 2018 15:13

Instrument :
 MSVOA_U
 ClientSampled :
 C0SZ3

Tgt Ion:146 Resp: 2610
 Ion Ratio Lower Upper
 146 100
 111 37.2 26.5 49.3
 148 66.0 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 1.030 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026766.D
 Acq: 14 Sep 2018 15:13

Tgt Ion:146 Resp: 1990
 Ion Ratio Lower Upper
 146 100
 111 51.1 32.8 49.2#
 148 80.4 52.2 78.4#

