

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026784.D
 Acq On : 15 Sep 2018 17:59
 Operator : MD/SY
 Sample : J4920-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KZ2

Quant Time: Sep 17 05:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129004	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47400	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	39813	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	66002	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.20	46	104914	48.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	4.65	84	81439	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	43658	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.34	84	165027	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.33	67	51879	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.57	98	124553	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	14787	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.32	63	61866	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37665	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45952	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

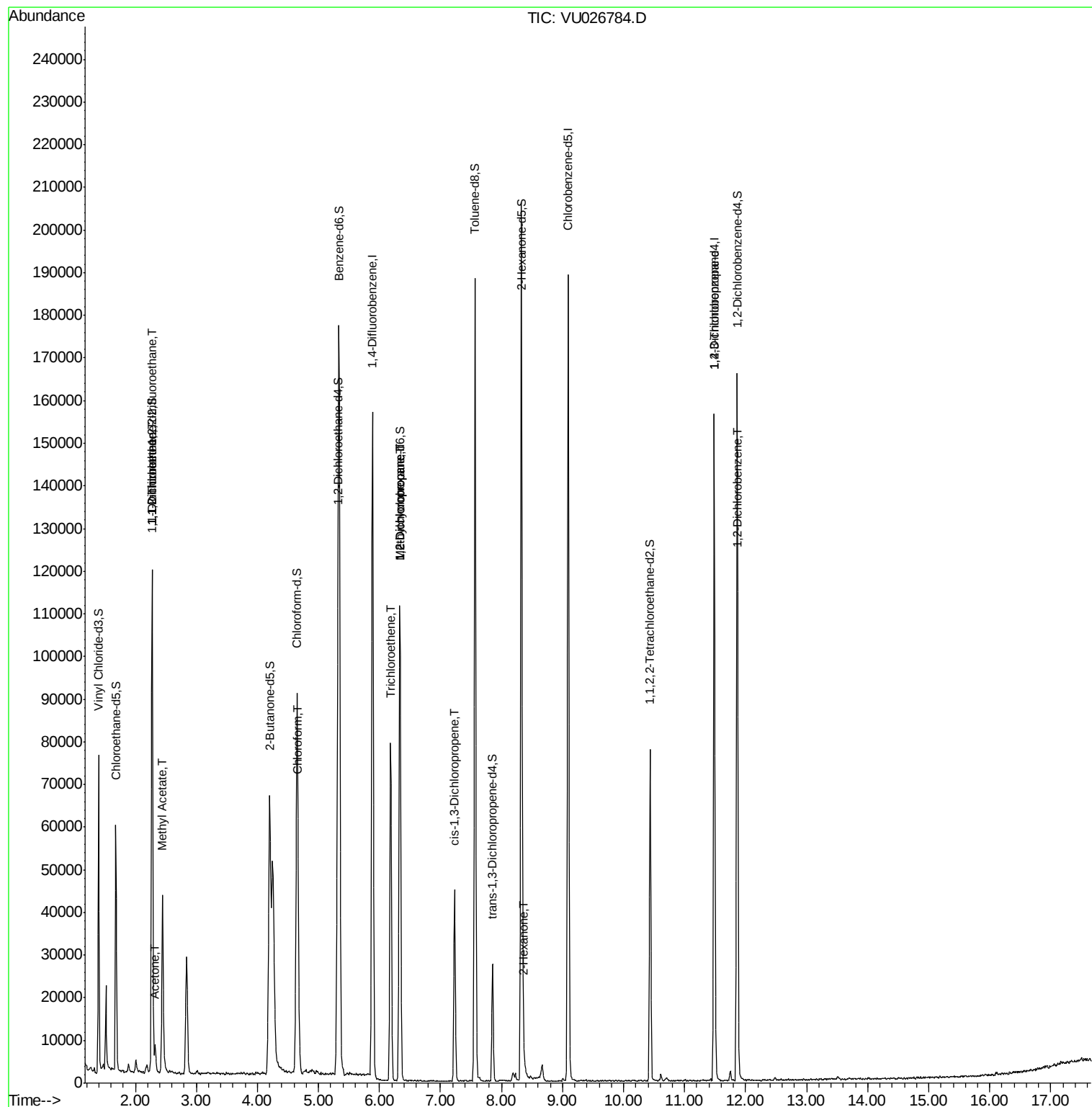
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	542	0.053	ug/L #	18
12) 1,1-Dichloroethene	2.29	96	1716	0.178	ug/L #	1
13) Acetone	2.32	43	6424	3.341	ug/L	96
15) Methyl Acetate	2.44	43	9773	1.937	ug/L #	52
25) Chloroform	4.67	83	7767	0.409	ug/L	94
34) Trichloroethene	6.18	95	26039	2.577	ug/L	97
35) Methylcyclohexane	6.33	83	12100	0.737	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5533	0.526	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1106	0.078	ug/L #	72
48) 2-Hexanone	8.37	43	1404	0.320	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	5070	0.819	ug/L	90
65) 1,2-Dichlorobenzene	11.88	146	843	0.052	ug/L #	80

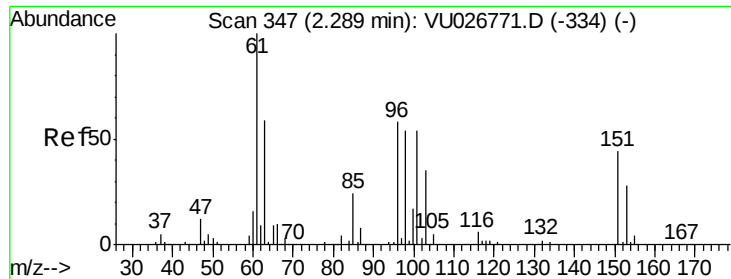
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026784.D
Acq On : 15 Sep 2018 17:59
Operator : MD/SY
Sample : J4920-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KZ2

Quant Time: Sep 17 05:20:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration





#10

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

Concen: 0.053 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026784.D

Acq: 15 Sep 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

C0KZ2

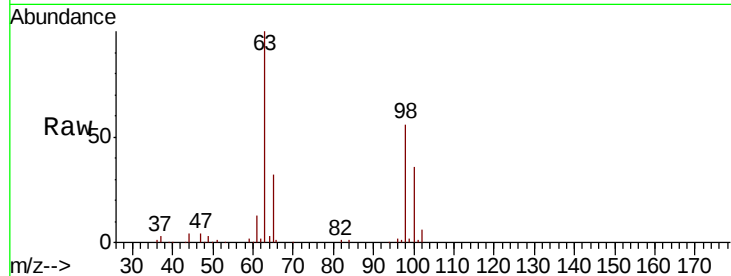
Tgt Ion: 101 Resp: 542

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 63.3 94.9#



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

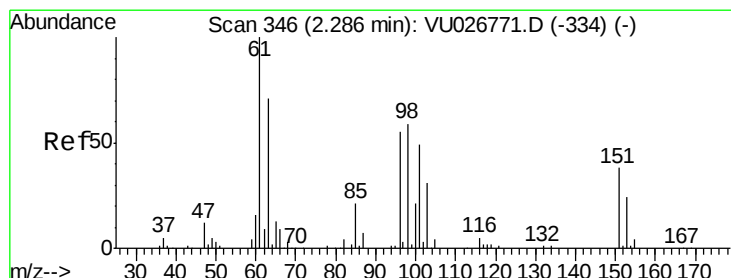
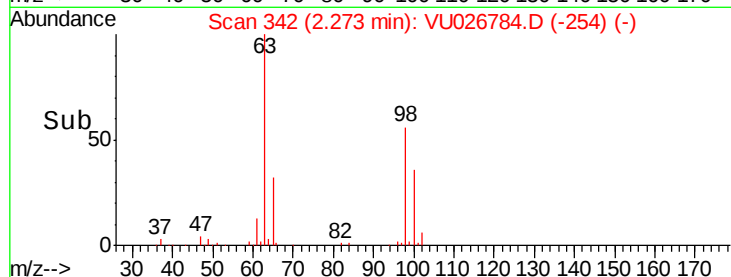
200

100

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.178 ug/L

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026784.D

Acq: 15 Sep 2018 17:59

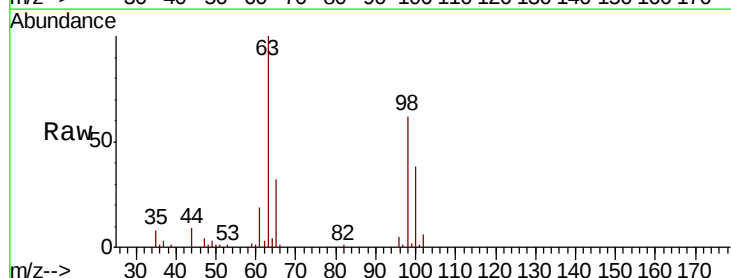
Tgt Ion: 96 Resp: 1716

Ion Ratio Lower Upper

96 100

61 376.8 126.6 235.2#

63 2021.5 91.3 169.5#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

60000

50000

40000

30000

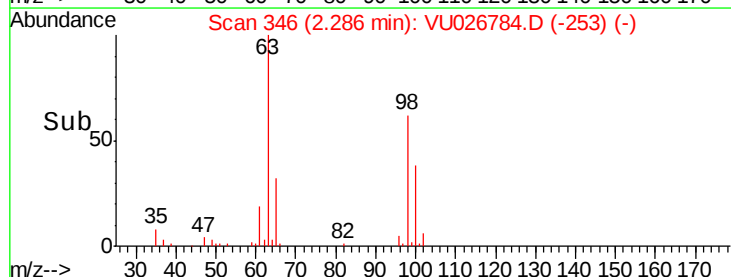
20000

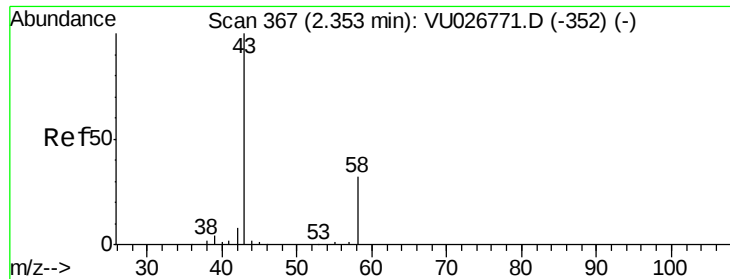
10000

0

2.25 2.30

Time-->





#13

Acetone

Concen: 3.341 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.03 min

Lab File: VU026784.D

Acq: 15 Sep 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

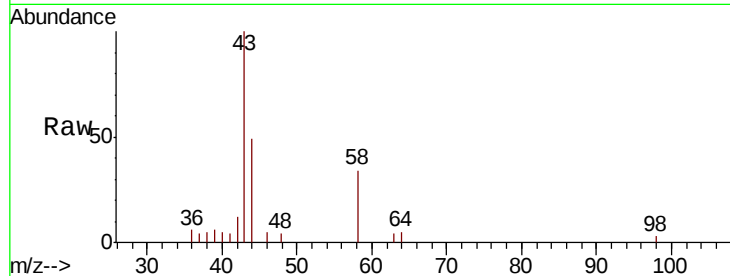
C0KZ2

Tgt Ion: 43 Resp: 6424

Ion Ratio Lower Upper

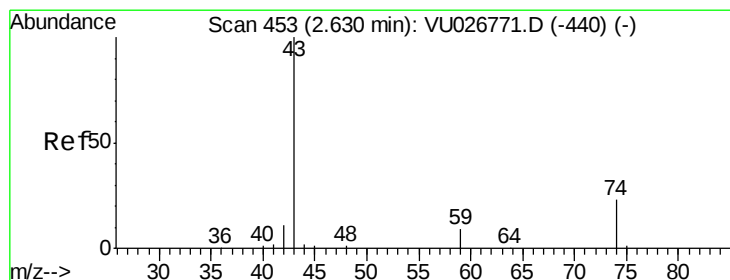
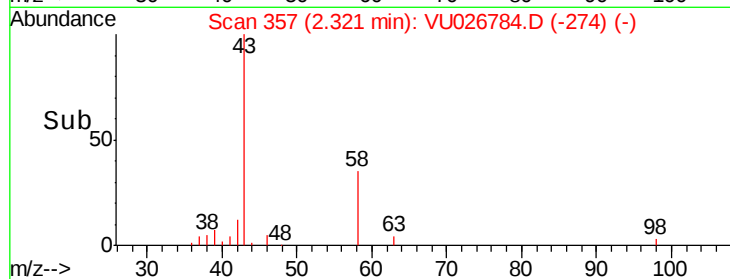
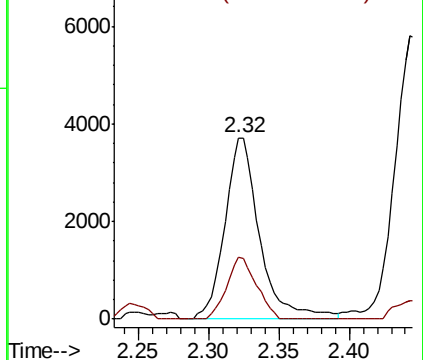
43 100

58 29.1 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.937 ug/L

RT: 2.44 min Scan# 395

Delta R.T. -0.19 min

Lab File: VU026784.D

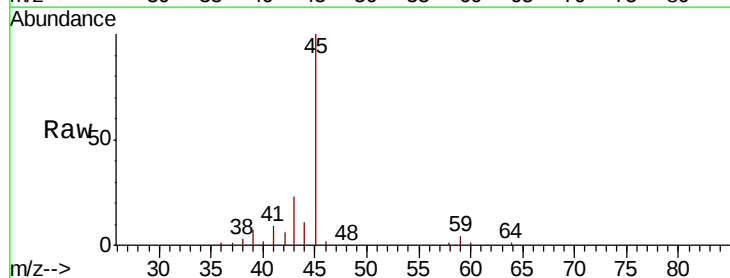
Acq: 15 Sep 2018 17:59

Tgt Ion: 43 Resp: 9773

Ion Ratio Lower Upper

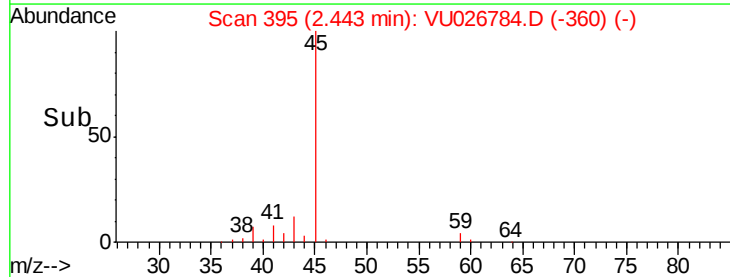
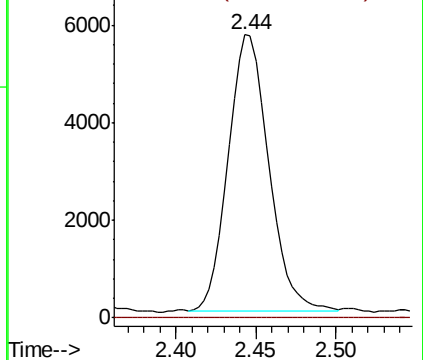
43 100

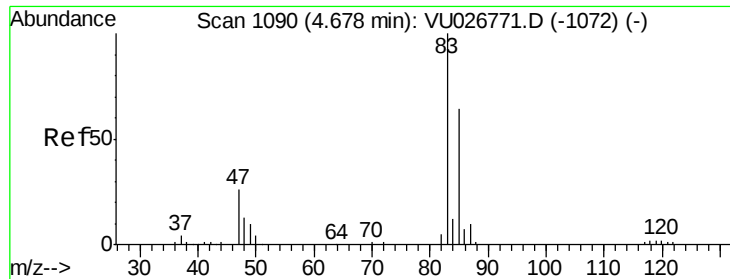
74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

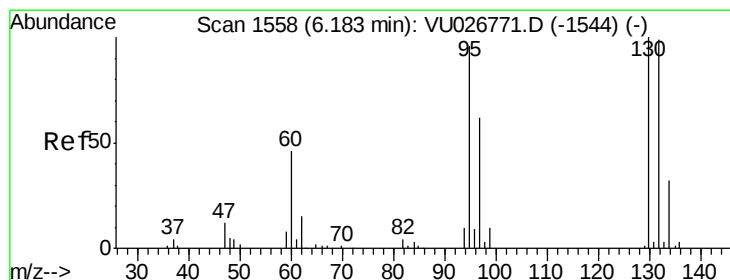
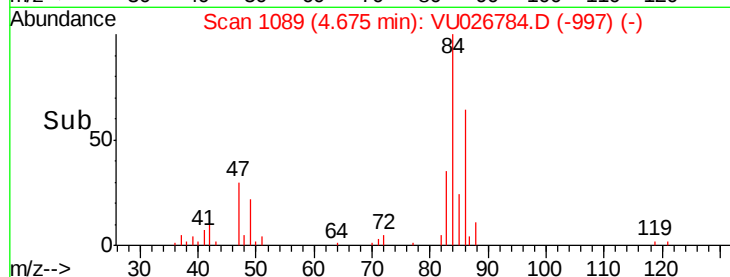
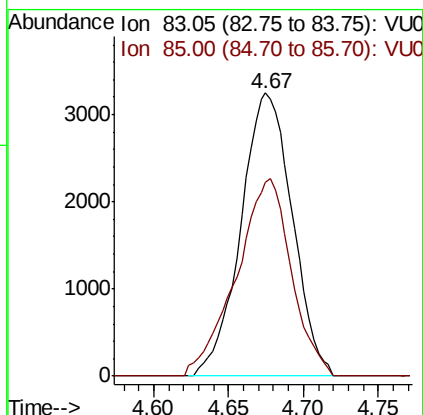
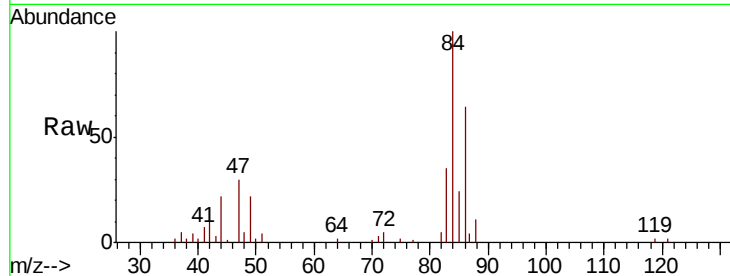




#25
Chloroform
Concen: 0.409 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026784.D
Acq: 15 Sep 2018 17:59

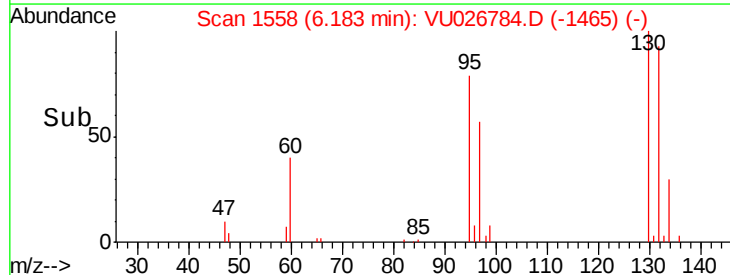
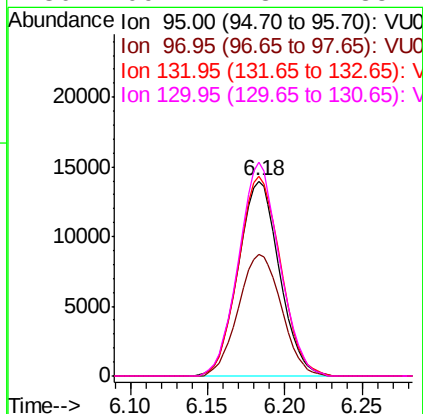
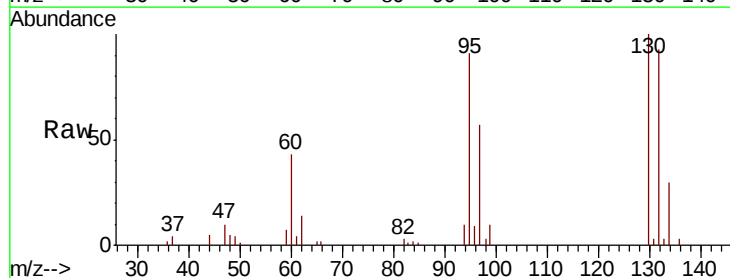
Instrument :
MSVOA_U
ClientSampled :
C0KZ2

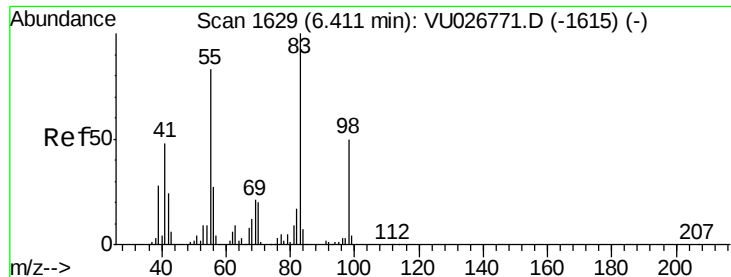
Tgt Ion: 83 Resp: 7767
Ion Ratio Lower Upper
83 100
85 68.5 44.8 83.2



#34
Trichloroethene
Concen: 2.577 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU026784.D
Acq: 15 Sep 2018 17:59

Tgt Ion: 95 Resp: 26039
Ion Ratio Lower Upper
95 100
97 62.0 45.1 83.9
132 102.2 72.0 133.8
130 109.4 73.1 135.7

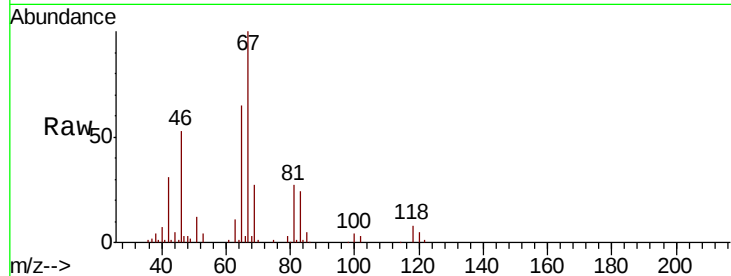




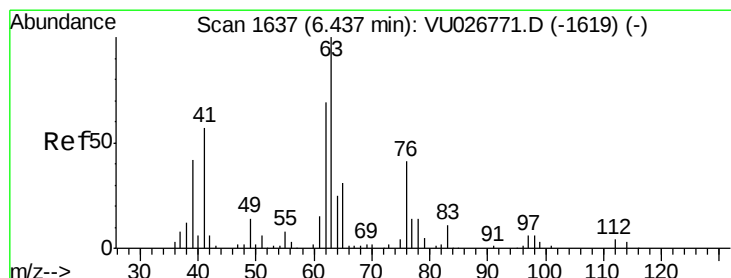
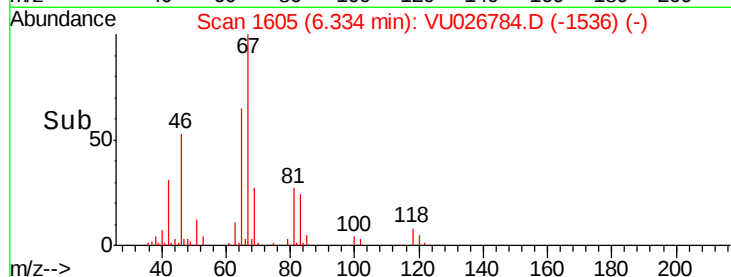
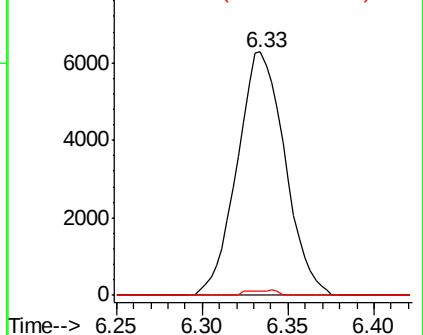
#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026784.D
Acq: 15 Sep 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
C0KZ2

Tgt Ion: 83 Resp: 12100
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 1.4 39.3 58.9#

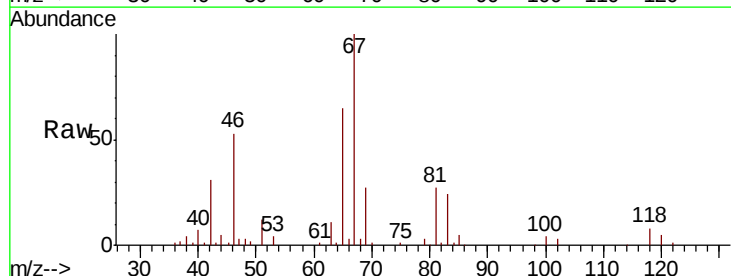


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

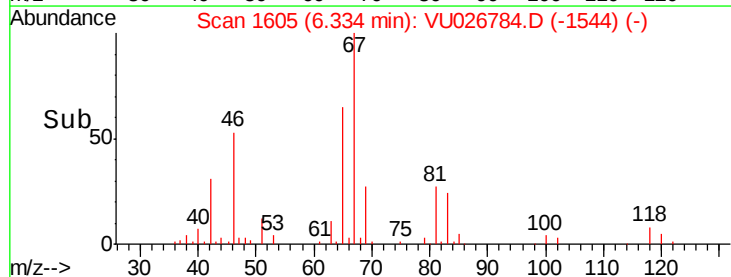
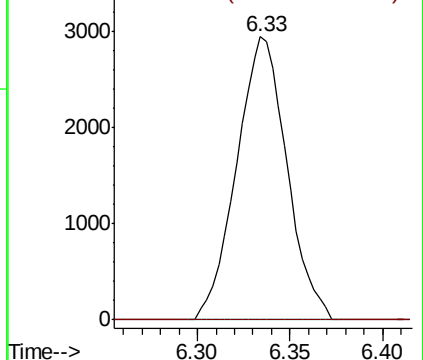


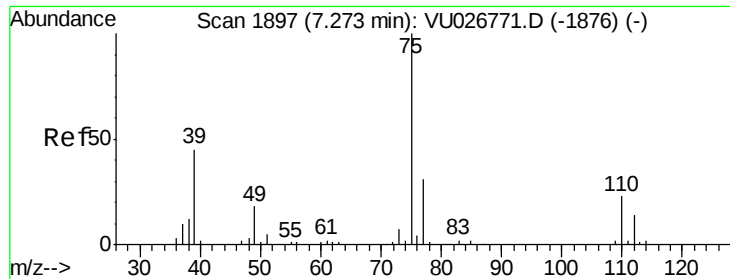
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026784.D
Acq: 15 Sep 2018 17:59

Tgt Ion: 63 Resp: 5533
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

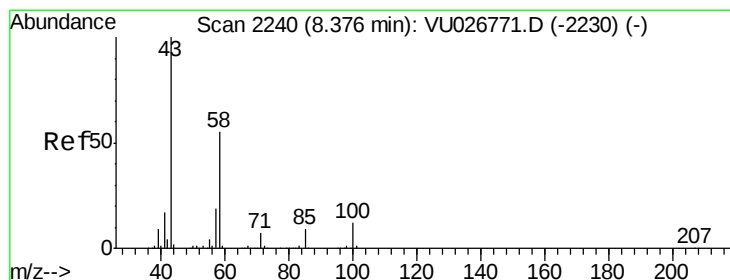
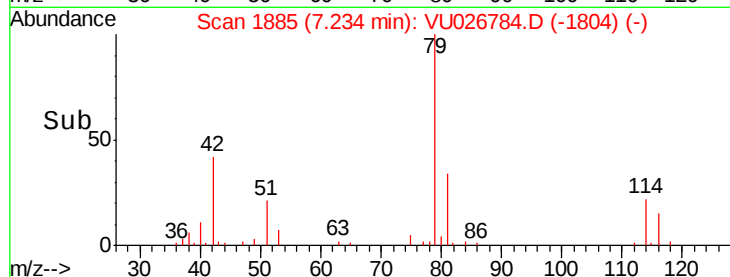
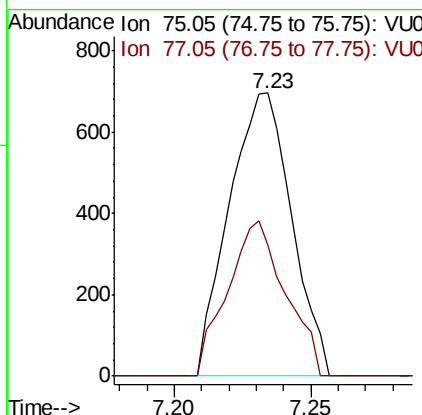
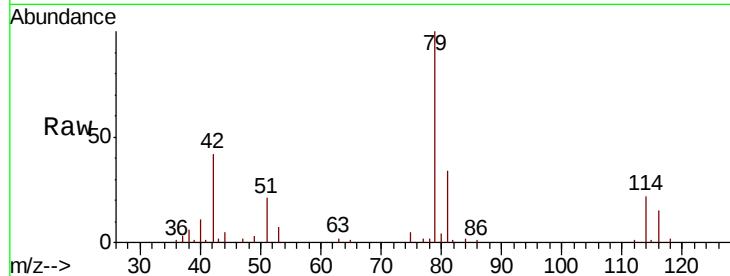




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU026784.D
 Acq: 15 Sep 2018 17:59

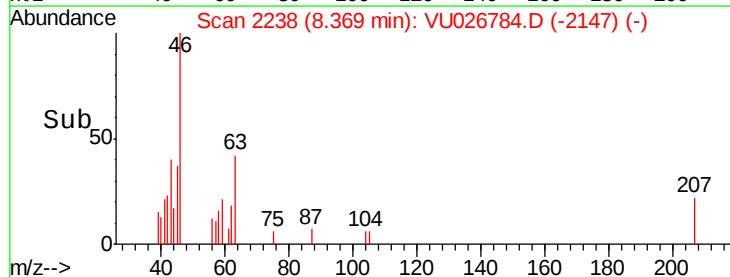
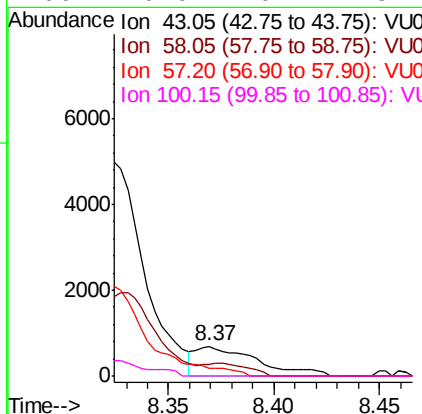
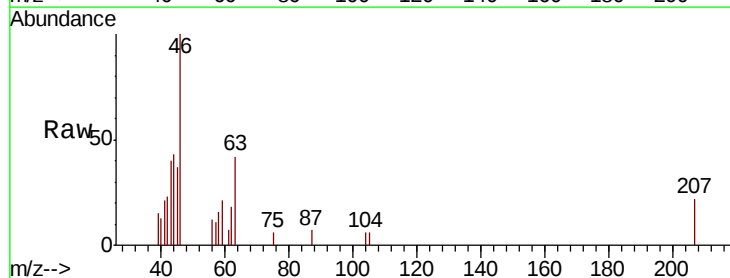
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KZ2

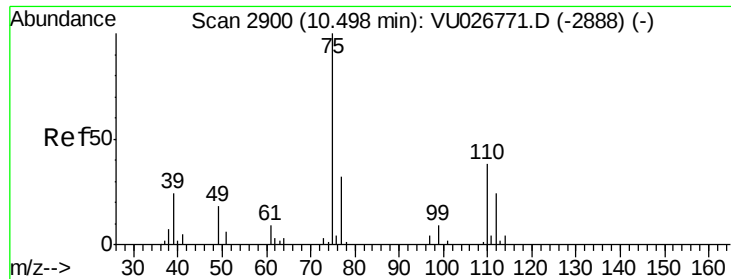
Tgt Ion: 75 Resp: 1106
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.7 40.3#



#48
 2-Hexanone
 Concen: 0.320 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: VU026784.D
 Acq: 15 Sep 2018 17:59

Tgt Ion: 43 Resp: 1404
 Ion Ratio Lower Upper
 43 100
 58 28.1 43.7 65.5#
 57 0.0 15.2 22.8#
 100 0.0 10.1 15.1#

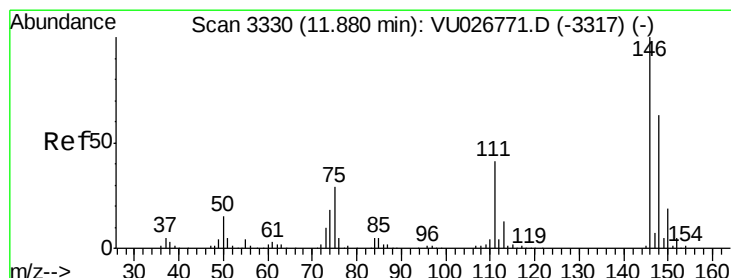
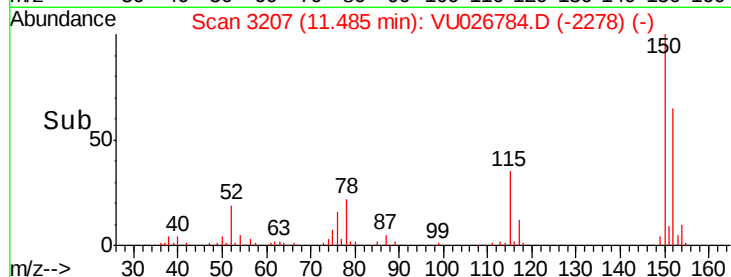
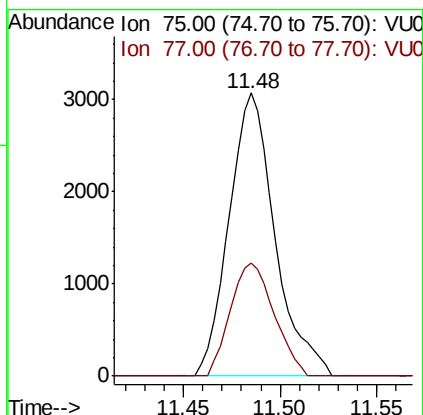
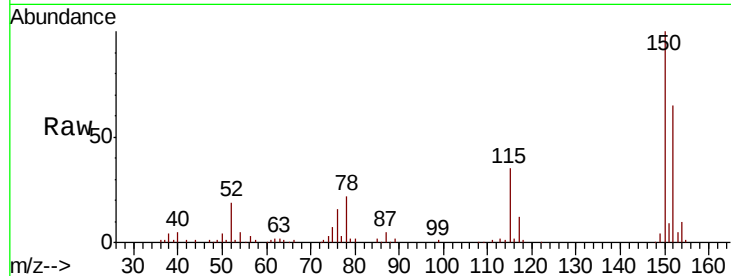




#59
 1,2,3-Trichloropropane
 Concen: 0.819 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026784.D
 Acq: 15 Sep 2018 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KZ2

Tgt Ion: 75 Resp: 5070
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.9 38.9



#65
 1,2-Dichlorobenzene
 Concen: 0.052 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026784.D
 Acq: 15 Sep 2018 17:59

Tgt Ion: 146 Resp: 843
 Ion Ratio Lower Upper
 146 100
 111 52.0 32.5 48.7#
 148 79.7 50.5 75.7#

