

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111919\
 Data File : VU035766.D
 Acq On : 19 Nov 2019 13:14
 Operator : JC/SP
 Sample : K5910-14DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 00:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	194667	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	223680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	82195	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.94	69	81344	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	111717	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.70	46	233252	52.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.44%
24) Chloroform-d	5.12	84	165697	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.75	65	89039	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	316521	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.73	67	110548	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	259975	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.22	79	36978	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.70	63	154011	43.22	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.44%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95176	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.23	152	80262	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

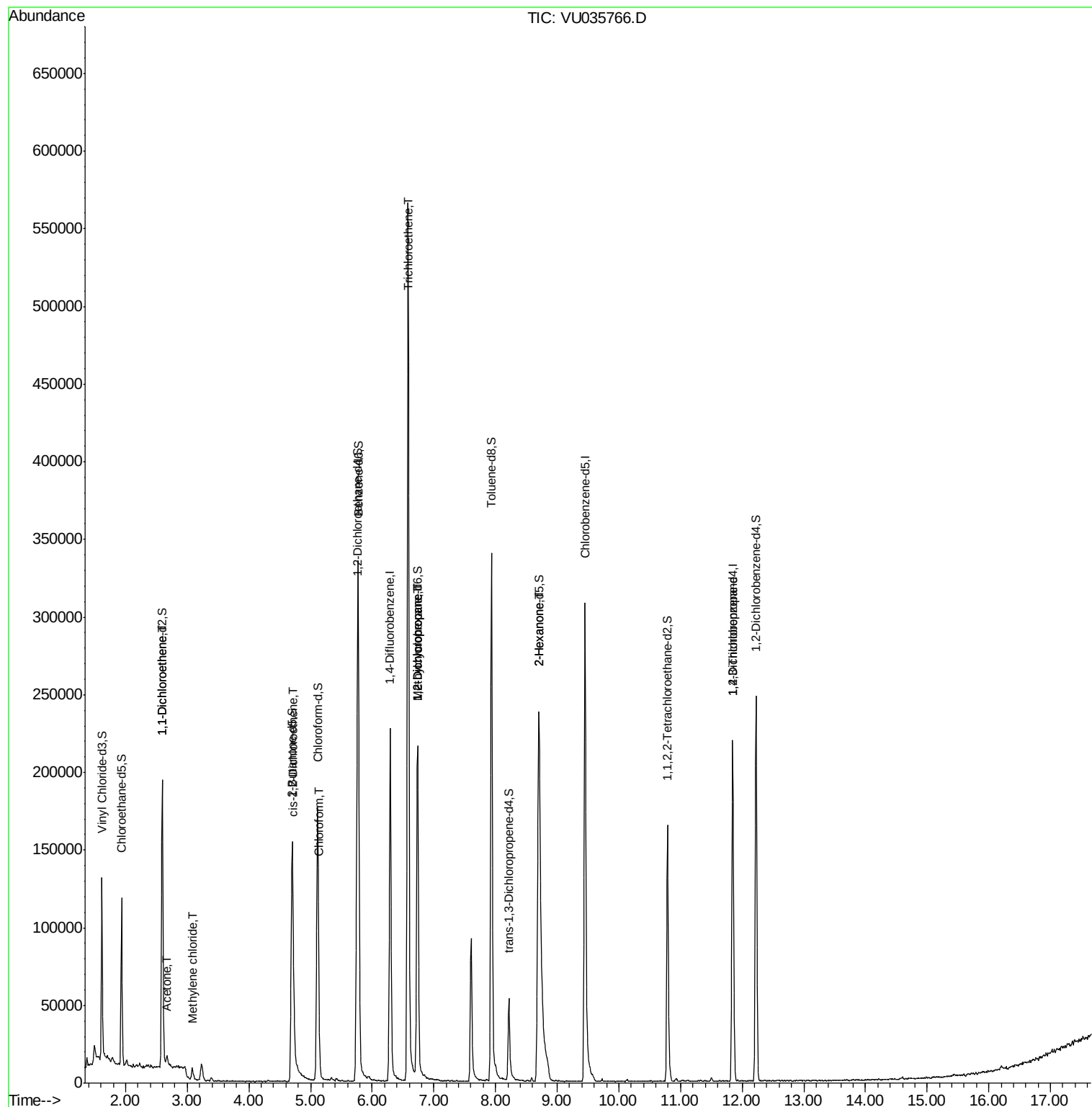
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2043	0.119	ug/L #	1
13) Acetone	2.67	43	7473	2.343	ug/L	99
16) Methylene chloride	3.08	84	3489	0.172	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	9721	0.499	ug/L	86
25) Chloroform	5.14	83	5935	0.167	ug/L	92
34) Trichloroethene	6.58	95	202953	10.074	ug/L	99
35) Methylcyclohexane	6.74	83	25148	0.819	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11158	0.538	ug/L #	87
48) 2-Hexanone	8.70	43	17067	2.014	ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	8048	0.587	ug/L	97

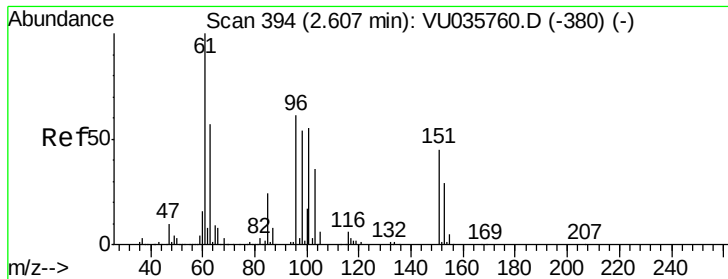
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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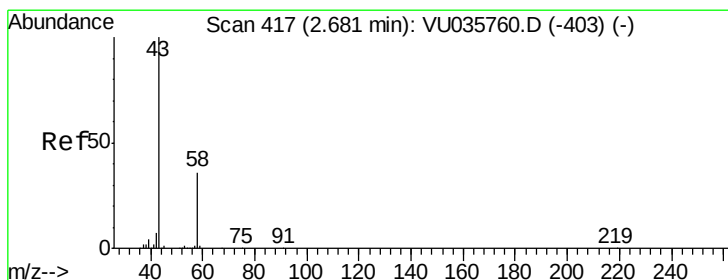
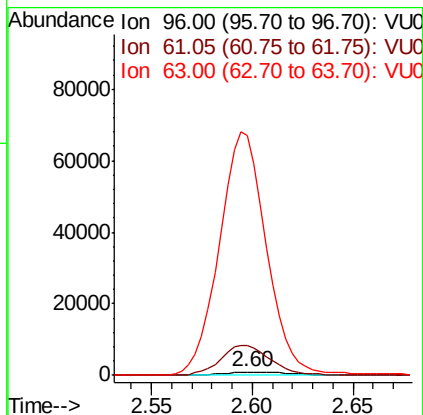
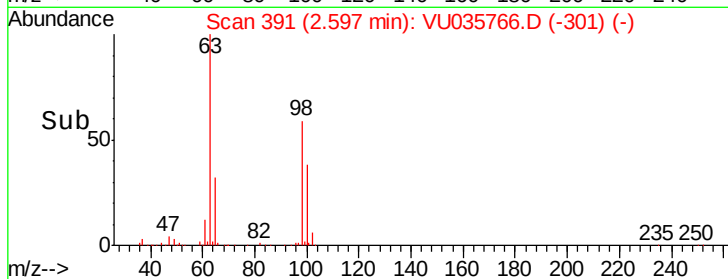
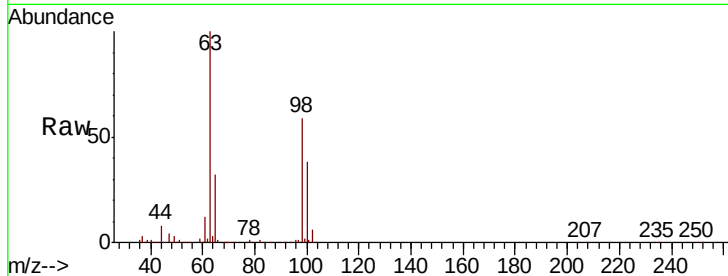




#12
 1,1-Dichloroethene
 Concen: 0.119 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035766.D
 Acq: 19 Nov 2019 13:14

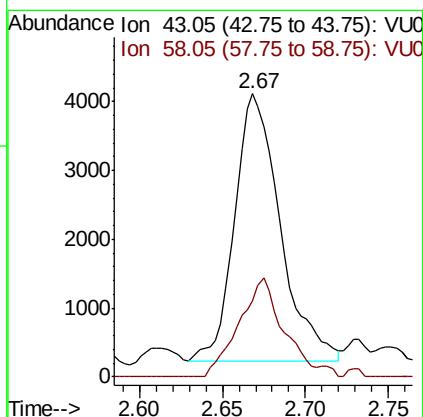
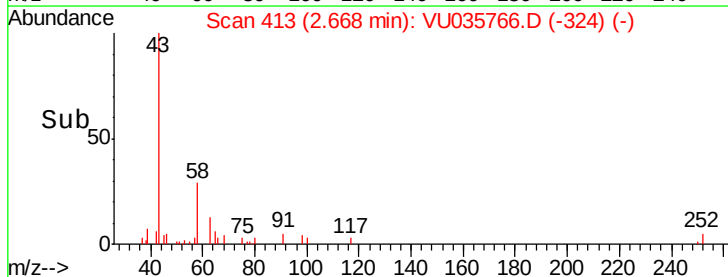
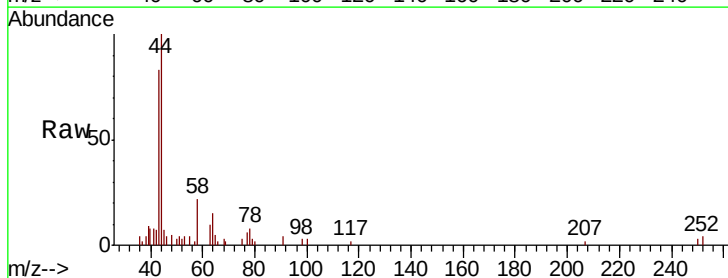
Instrument :
 MSVOA_U
 ClientSampleId :

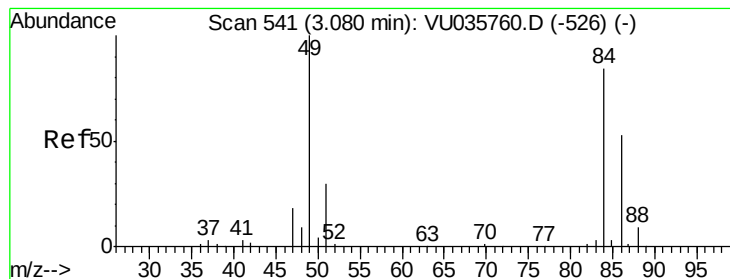
Tot Ion: 96 Resp: 2043
 Ion Ratio Lower Upper
 96 100
 61 876.7 123.1 228.5#
 63 7156.4 87.8 163.0#



#13
 Acetone
 Concen: 2.343 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035766.D
 Acq: 19 Nov 2019 13:14

Tgt Ion: 43 Resp: 7473
 Ion Ratio Lower Upper
 43 100
 58 35.2 0.0 69.8





#16

Methylene chloride

Concen: 0.172 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU035766.D

Acq: 19 Nov 2019 13:14

Instrument :

MSVOA_U

ClientSampled :

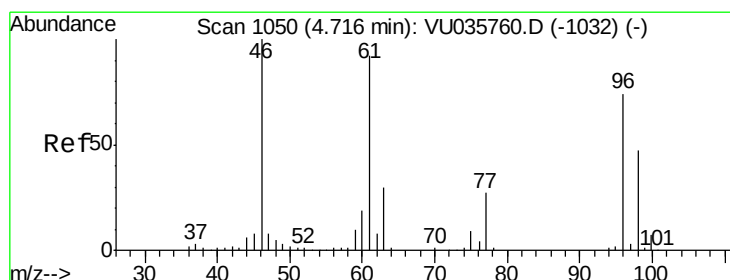
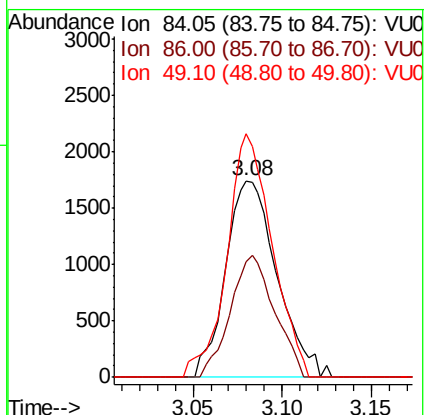
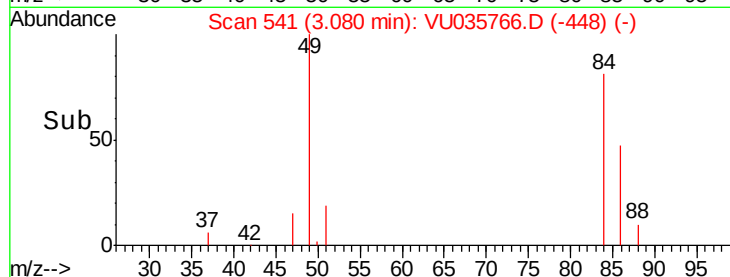
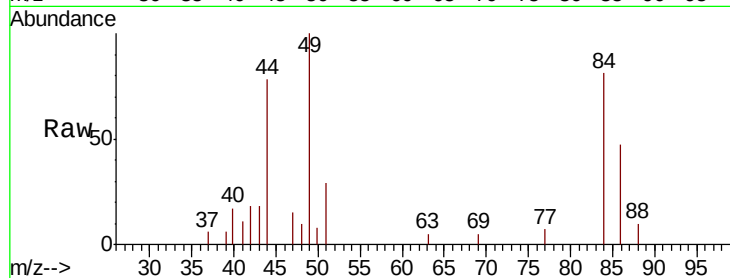
Tot Ion: 84 Resp: 3489

Ion Ratio Lower Upper

84 100

86 58.4 45.8 85.2

49 123.7 81.9 152.1



#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035766.D

Acq: 19 Nov 2019 13:14

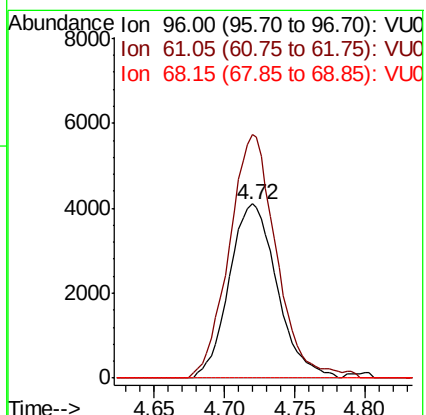
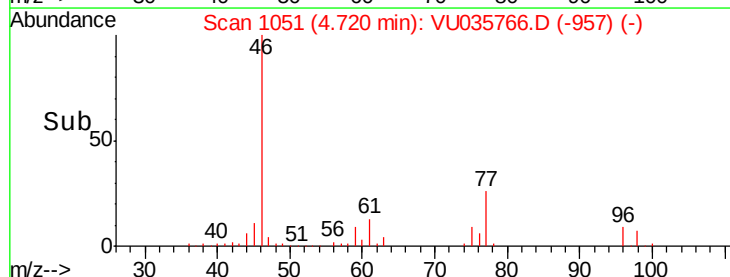
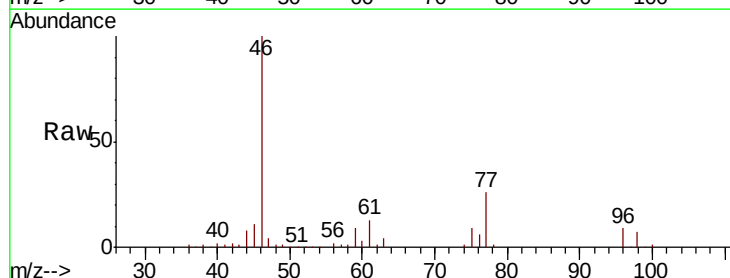
Tgt Ion: 96 Resp: 9721

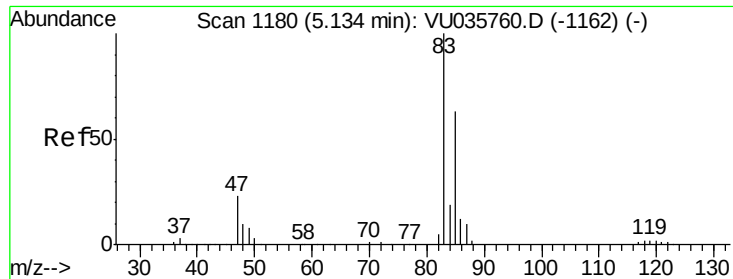
Ion Ratio Lower Upper

96 100

61 139.8 87.0 161.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.167 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035766.D

Acq: 19 Nov 2019 13:14

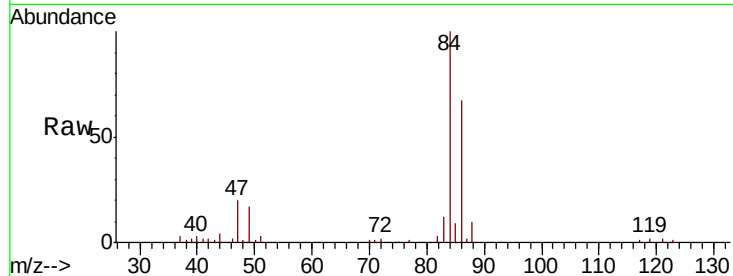
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5935

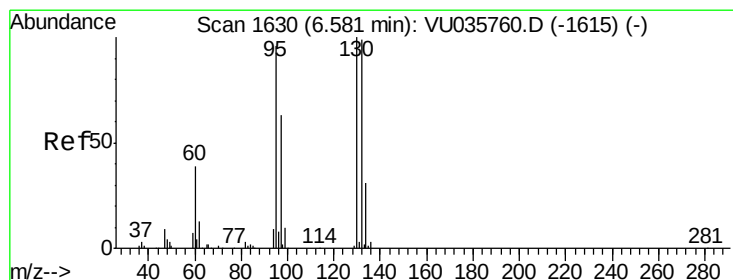
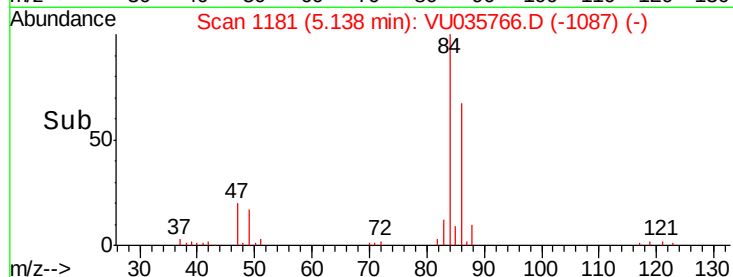
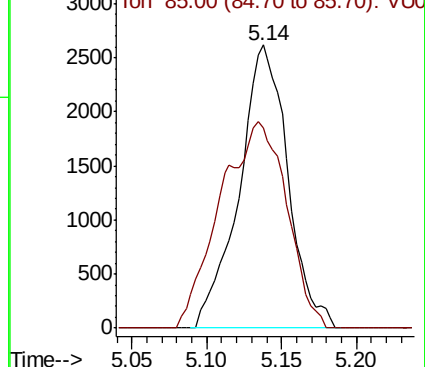
Ion Ratio Lower Upper

83 100

85 70.7 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035766.D (-1162) (-)



#34

Trichloroethene

Concen: 10.074 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035766.D

Acq: 19 Nov 2019 13:14

Tgt Ion: 95 Resp: 202953

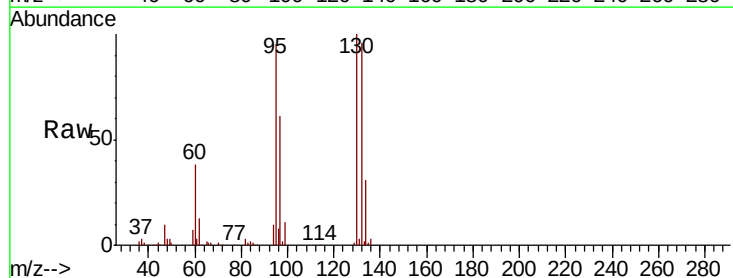
Ion Ratio Lower Upper

95 100

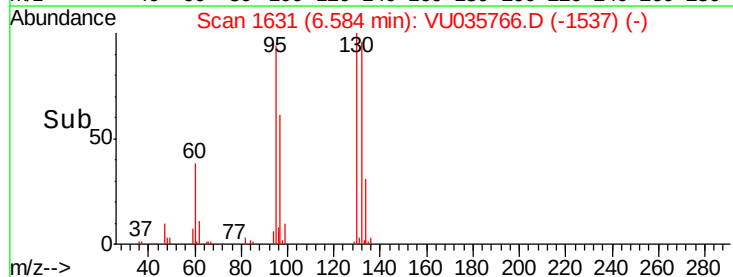
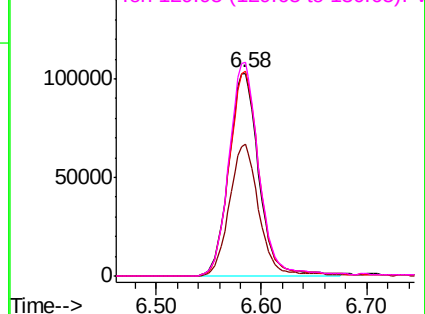
97 64.7 44.5 82.7

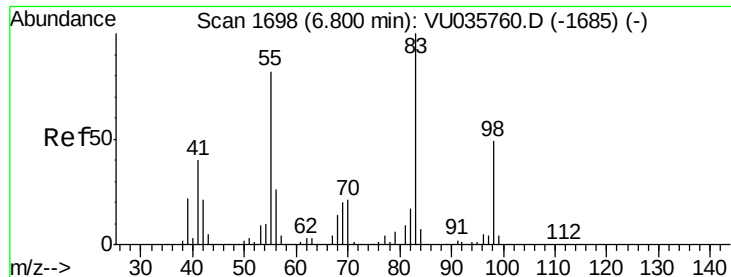
132 101.0 69.9 129.7

130 105.4 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035766.D (-1615) (-)

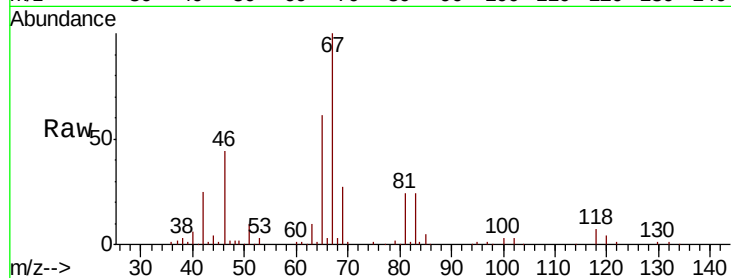




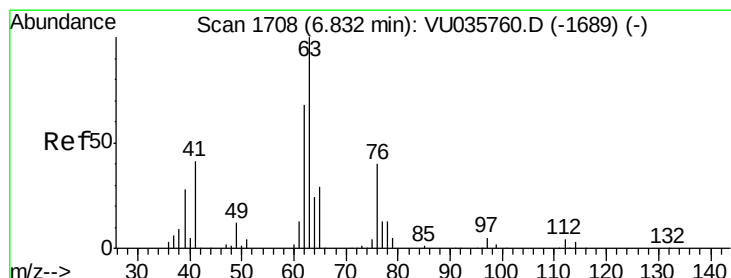
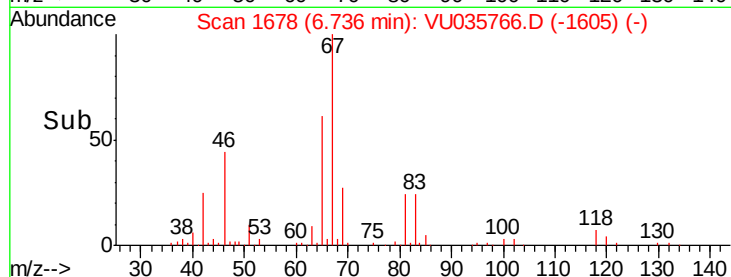
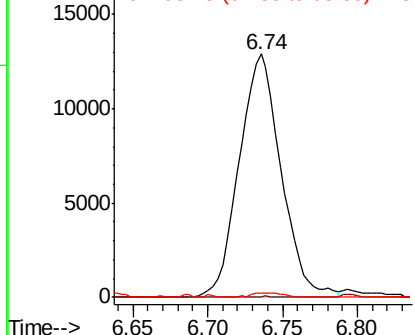
#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035766.D
Acq: 19 Nov 2019 13:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25148
Ion Ratio Lower Upper
83 100
55 0.1 62.6 93.8#
98 1.3 37.2 55.8#

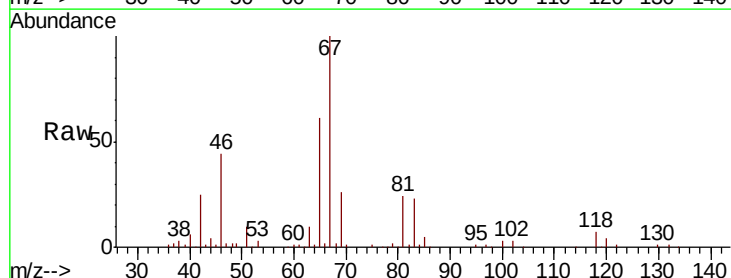


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

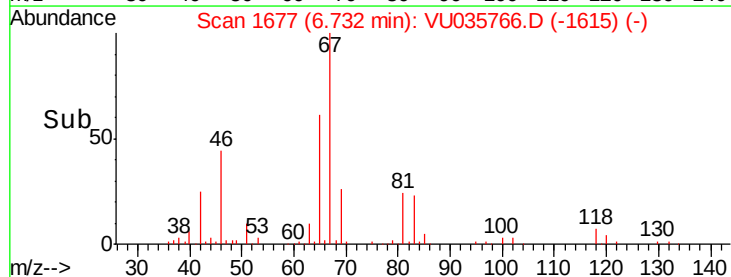
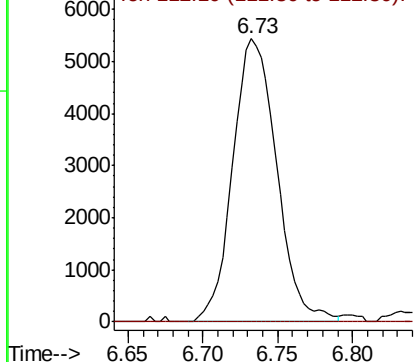


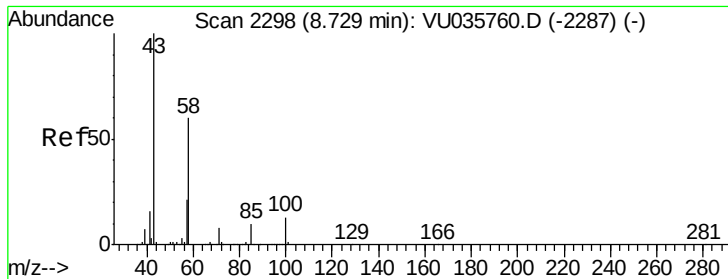
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035766.D
Acq: 19 Nov 2019 13:14

Tgt Ion: 63 Resp: 11158
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

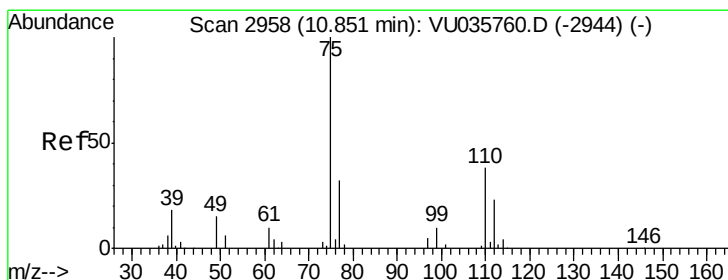
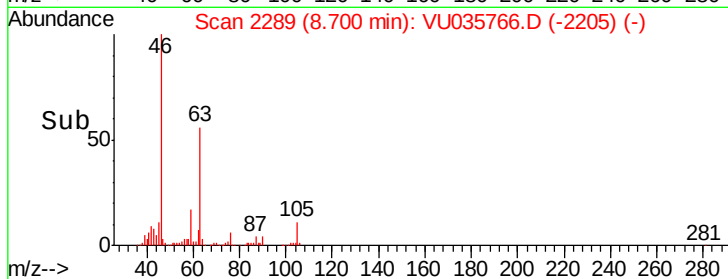
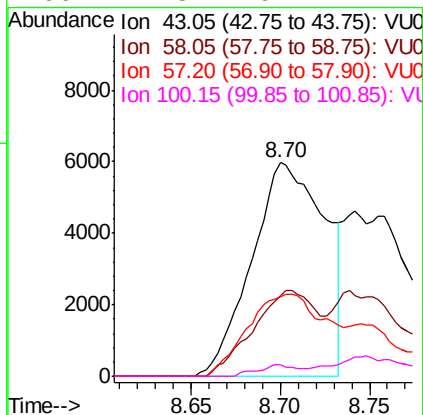
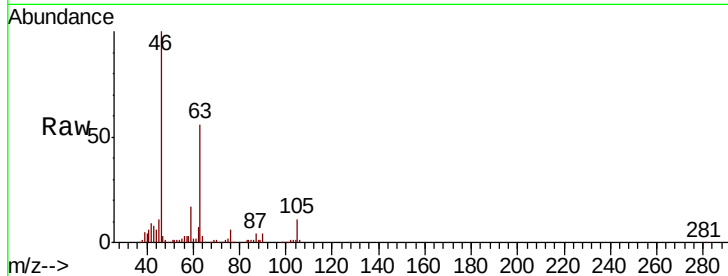




#48
 2-Hexanone
 Concen: 2.014 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. -0.03 min
 Lab File: VU035766.D
 Acq: 19 Nov 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 17067
 Ion Ratio Lower Upper
 43 100
 58 35.7 44.1 66.1#
 57 41.1 15.1 22.7#
 100 2.8 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.587 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035766.D
 Acq: 19 Nov 2019 13:14

Tgt Ion: 75 Resp: 8048
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.8 40.2

