

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111919\
 Data File : VU035776.D
 Acq On : 19 Nov 2019 17:44
 Operator : JC/SP
 Sample : K5910-16DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:42:08 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	191133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	217909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76164	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	75408	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.94	69	73722	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	102357	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.70	46	222512	51.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.46%
24) Chloroform-d	5.11	84	150790	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	83218	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.77	84	298831	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.74	67	107402	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	240844	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.21	79	36797	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.70	63	157998	45.52	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.04%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91709	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	76806	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

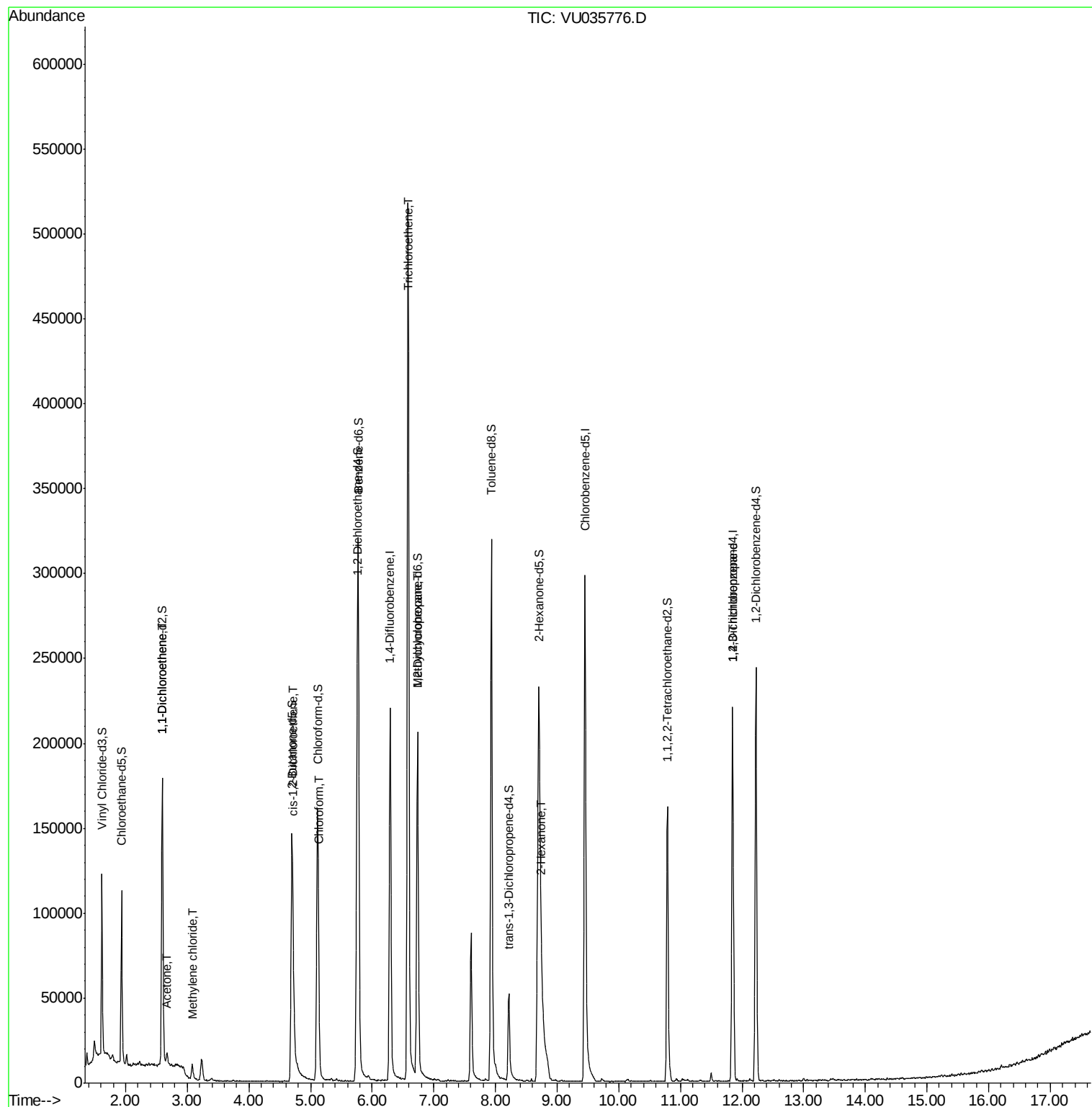
					Ovalue
12) 1,1-Dichloroethene	2.60	96	2123	0.126 ug/L #	1
13) Acetone	2.67	43	7411	2.366 ug/L	95
16) Methylene chloride	3.08	84	3851	0.193 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	5793	0.303 ug/L	90
25) Chloroform	5.14	83	9720	0.278 ug/L	86
34) Trichloroethene	6.58	95	186792	9.518 ug/L	97
35) Methylcyclohexane	6.74	83	23691	0.792 ug/L #	18
48) 2-Hexanone	8.75	43	15999	1.938 ug/L #	78
59) 1,2,3-Trichloropropane	11.84	75	8536	0.639 ug/L	94

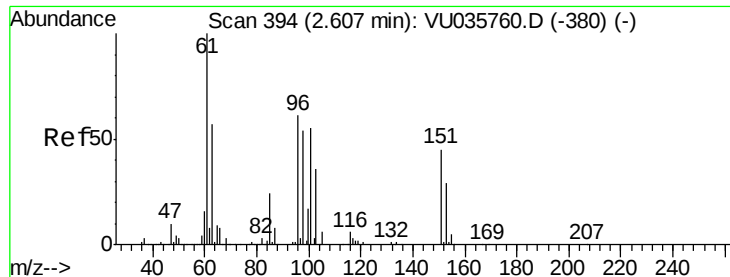
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

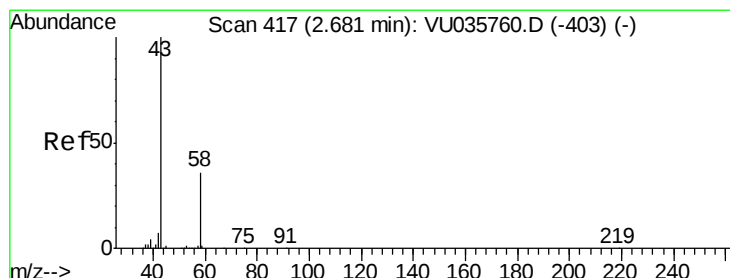
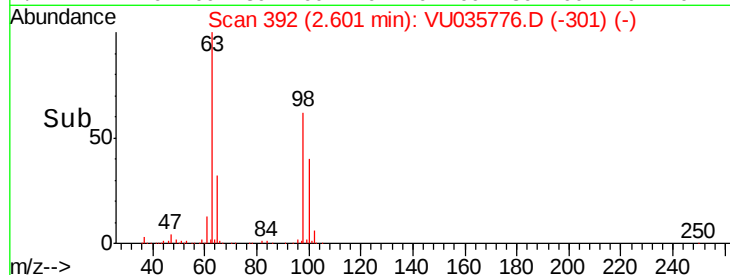
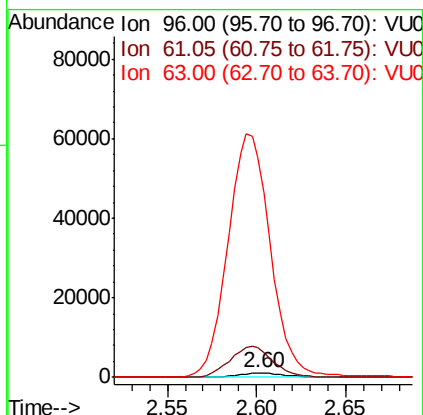
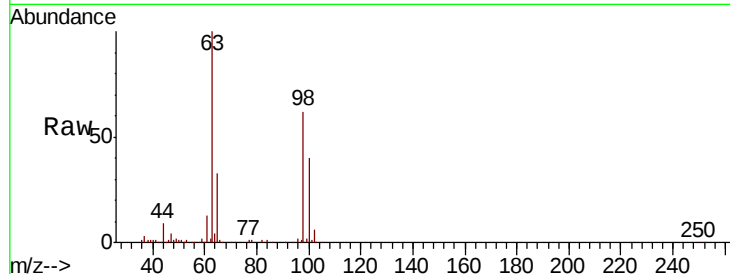
Lab File: VU035776.D

Acq: 19 Nov 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 2123

Ion	Ratio	Lower	Upper
96	100		
61	653.4	123.1	228.5#
63	4913.7	87.8	163.0#



#13

Acetone

Concen: 2.366 ug/L

RT: 2.67 min Scan# 414

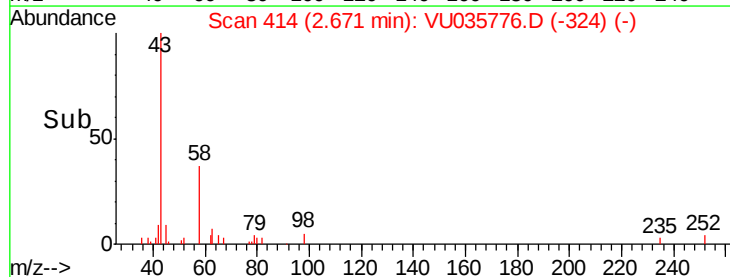
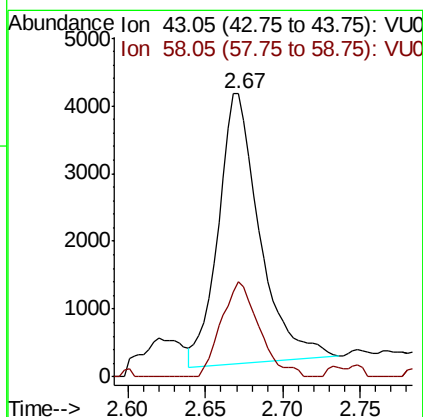
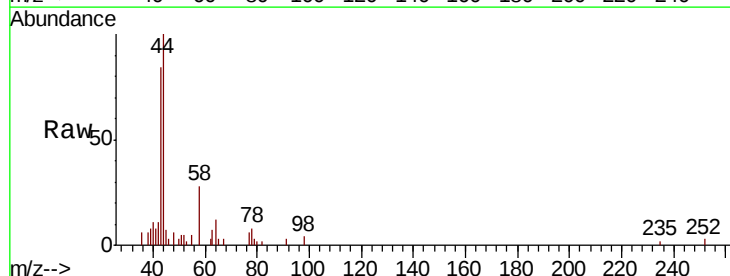
Delta R.T. -0.01 min

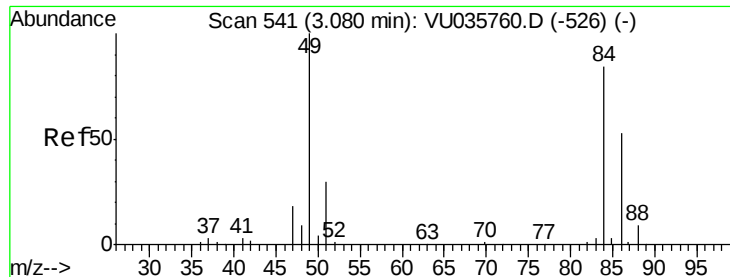
Lab File: VU035776.D

Acq: 19 Nov 2019 17:44

Tgt Ion: 43 Resp: 7411

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	69.8

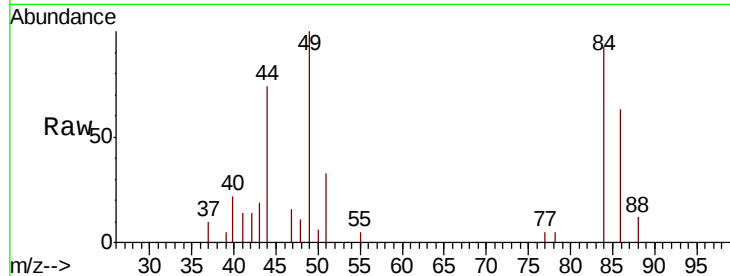




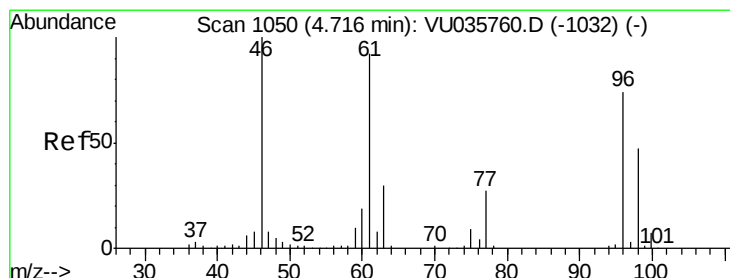
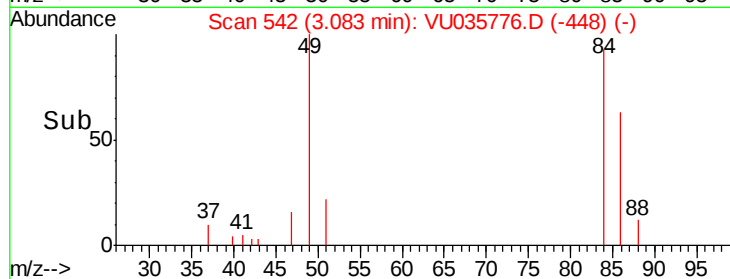
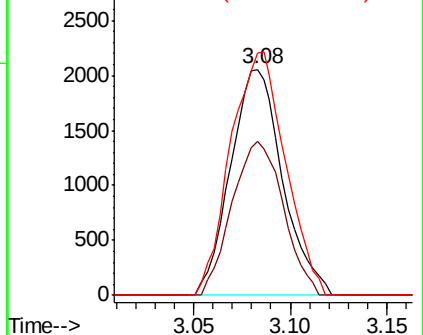
#16
Methylene chloride
Concen: 0.193 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035776.D
Acq: 19 Nov 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3851
Ion Ratio Lower Upper
84 100
86 68.0 45.8 85.2
49 107.3 81.9 152.1

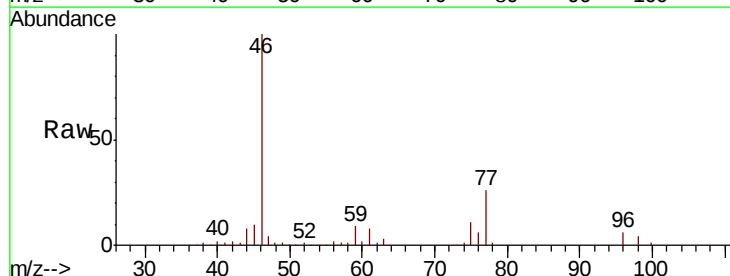


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

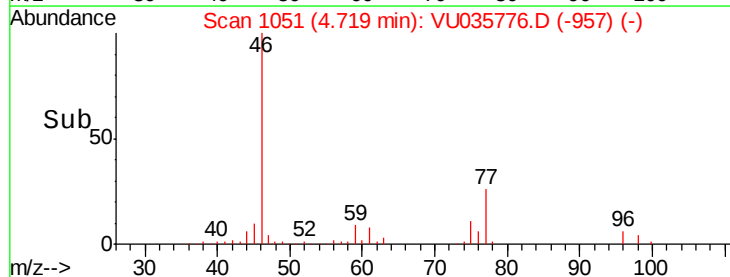
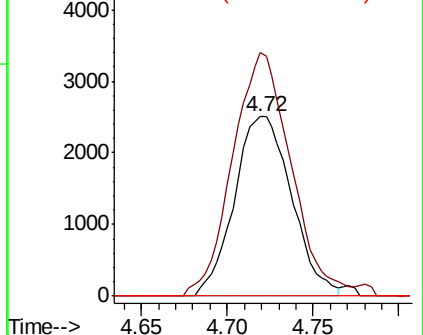


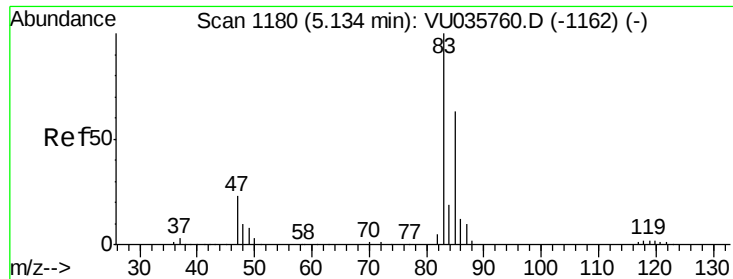
#22
cis-1,2-Dichloroethene
Concen: 0.303 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035776.D
Acq: 19 Nov 2019 17:44

Tgt Ion: 96 Resp: 5793
Ion Ratio Lower Upper
96 100
61 135.7 87.0 161.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

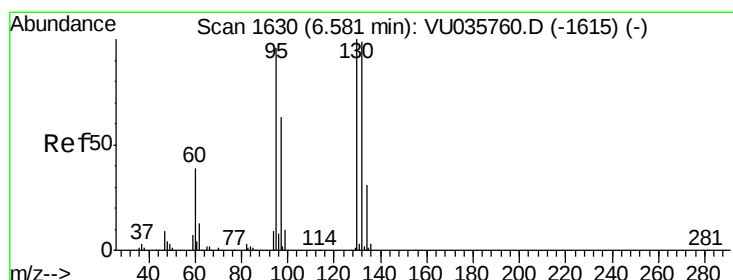
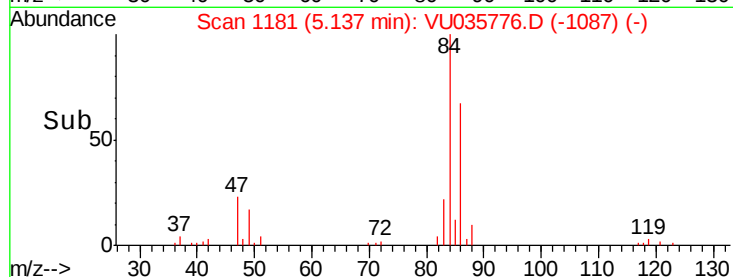
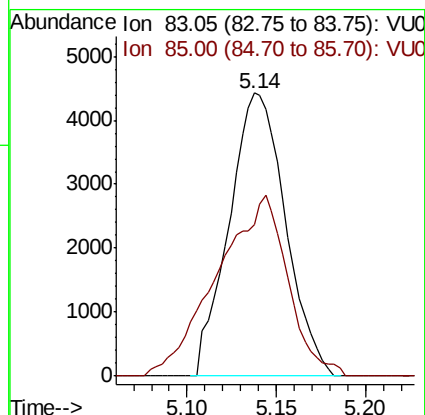
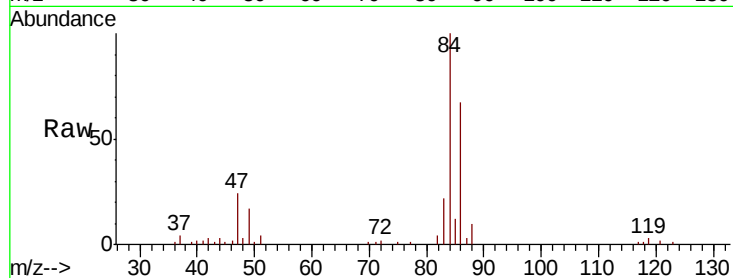




#25
Chloroform
Concen: 0.278 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035776.D
Acq: 19 Nov 2019 17:44

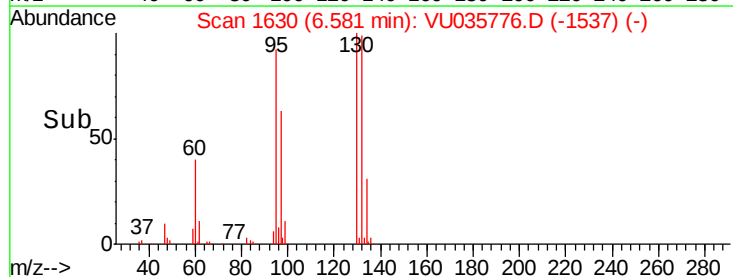
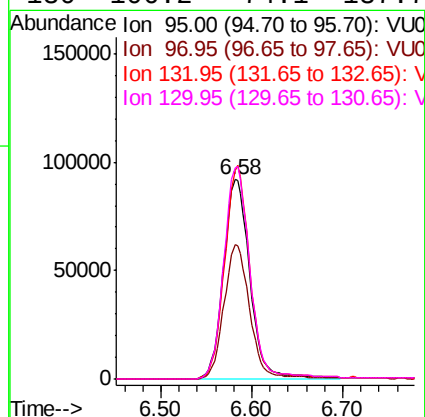
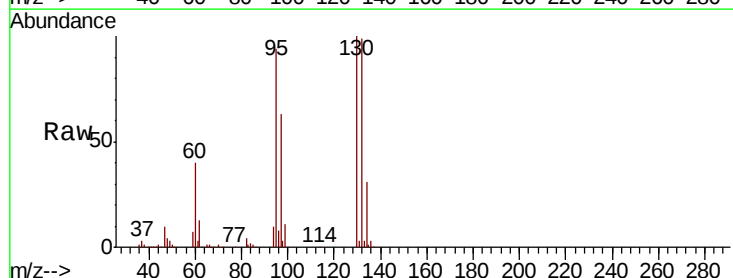
Instrument :
MSVOA_U
ClientSampleId :

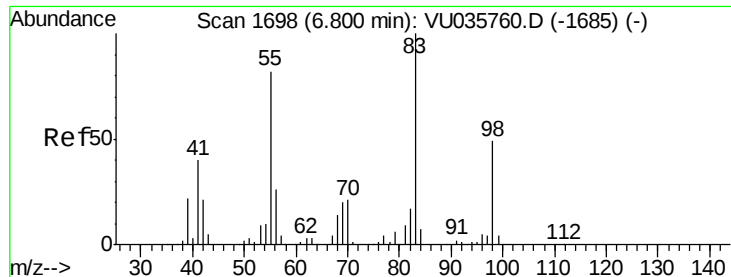
Tot Ion: 83 Resp: 9720
Ion Ratio Lower Upper
83 100
85 53.7 45.4 84.2



#34
Trichloroethene
Concen: 9.518 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035776.D
Acq: 19 Nov 2019 17:44

Tgt Ion: 95 Resp: 186792
Ion Ratio Lower Upper
95 100
97 67.4 44.5 82.7
132 104.8 69.9 129.7
130 106.2 74.1 137.7





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035776.D

Acq: 19 Nov 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :

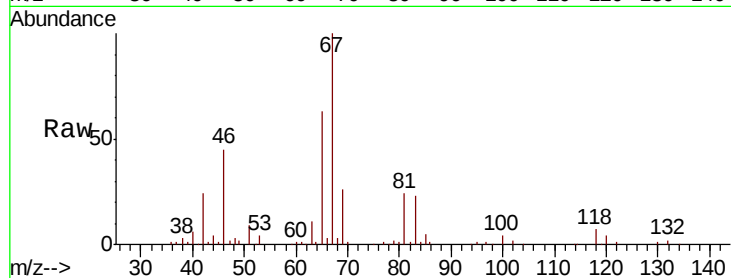
Tot Ion: 83 Resp: 23691

Ion Ratio Lower Upper

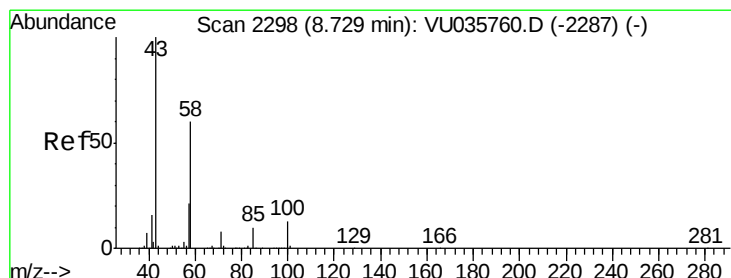
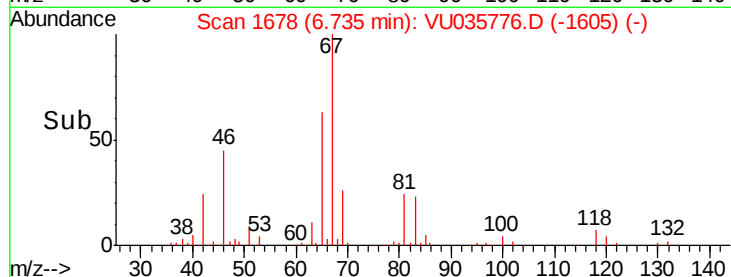
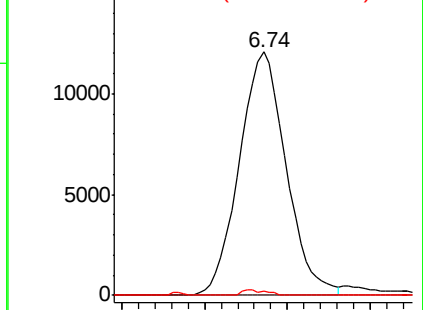
83 100

55 0.0 62.6 93.8#

98 1.2 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



#48

2-Hexanone

Concen: 1.938 ug/L

RT: 8.75 min Scan# 2304

Delta R.T. 0.02 min

Lab File: VU035776.D

Acq: 19 Nov 2019 17:44

Tgt Ion: 43 Resp: 15999

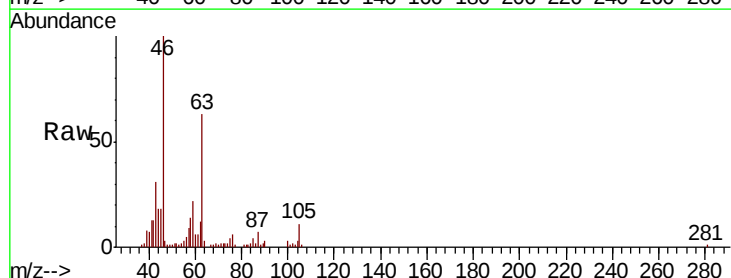
Ion Ratio Lower Upper

43 100

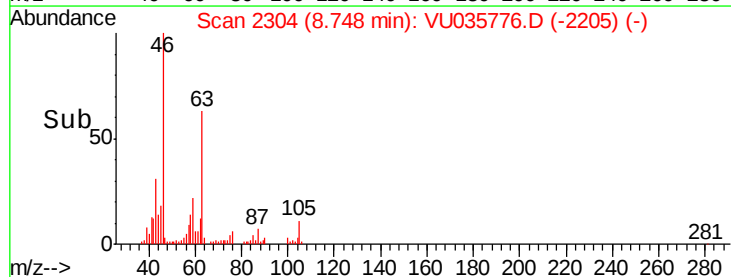
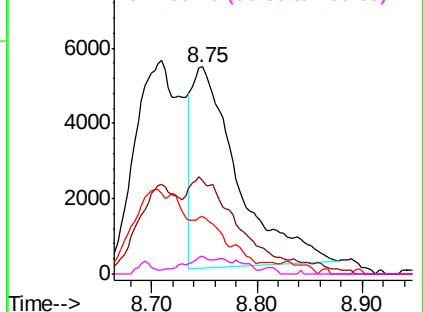
58 43.6 44.1 66.1#

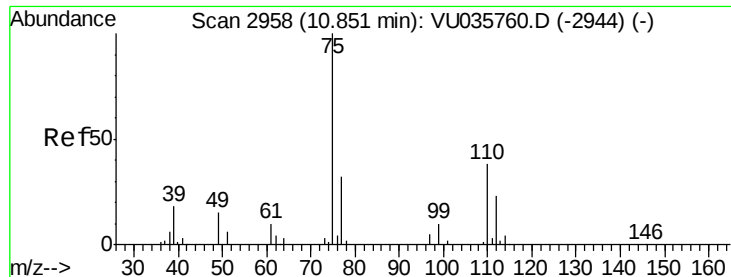
57 0.0 15.1 22.7#

100 3.2 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.639 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035776.D

Acq: 19 Nov 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8536

Ion Ratio Lower Upper

75 100

77 37.1 26.8 40.2

