

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
 Data File : VU040255.D
 Acq On : 23 Sep 2020 11:25
 Operator : SY/MD
 Sample : VU0923WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 02:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 24 02:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	158827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	167058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44882	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.92	69	41118	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.58	63	74841	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.65	46	170003	49.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	5.08	84	96142	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	59506	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	186117	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	62246	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	147865	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.19	79	23056	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	115897	41.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49675	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	57949	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

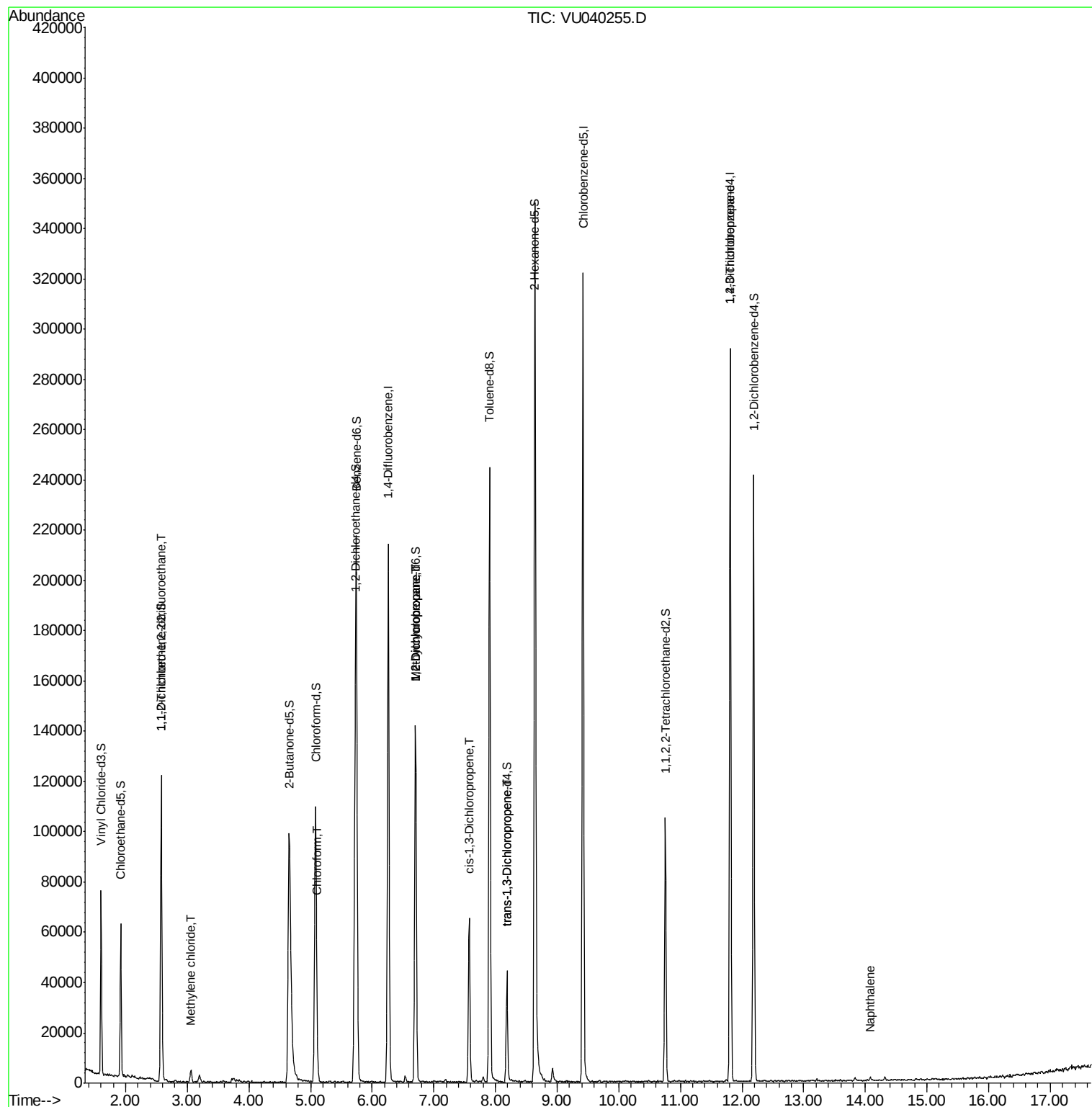
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	687	0.048 ug/L #	22
16) Methylene chloride	3.06	84	2005	0.125 ug/L	83
25) Chloroform	5.11	83	5562	0.200 ug/L	86
35) Methylcyclohexane	6.70	83	15066	0.614 ug/L #	15
37) 1,2-Dichloropropane	6.71	63	7238	0.447 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1710	0.072 ug/L #	71
44) trans-1,3-Dichloropropene	8.18	75	1134	0.051 ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	9871	0.823 ug/L	91
69) Naphthalene	14.08	128	1520	0.047 ug/L #	91

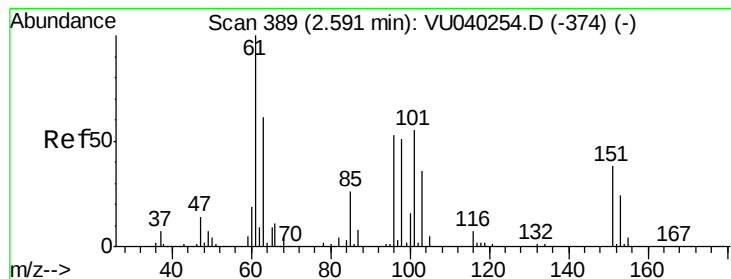
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 02:28:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.048 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040255.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_U

ClientSampled :

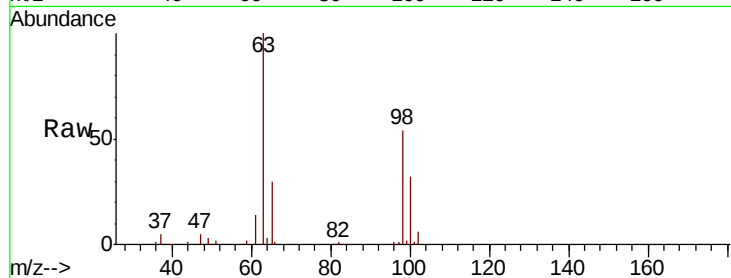
Tot Ion:101 Resp: 687

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

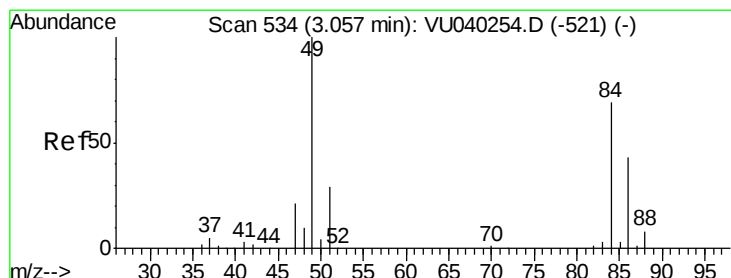
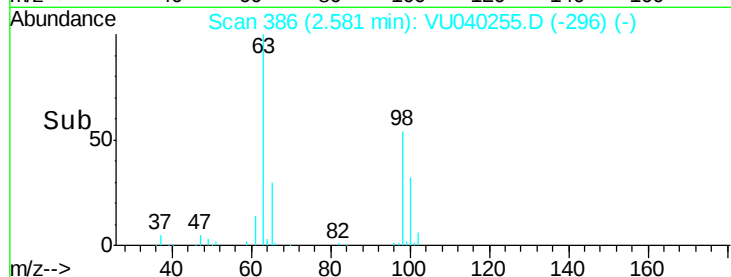
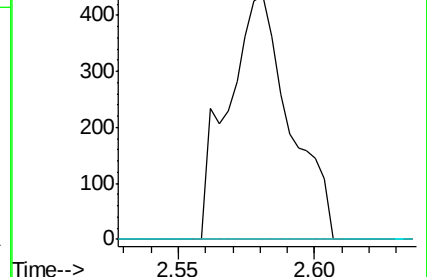
151 0.0 53.9 80.9#



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



#16

Methylene chloride

Concen: 0.125 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU040255.D

Acq: 23 Sep 2020 11:25

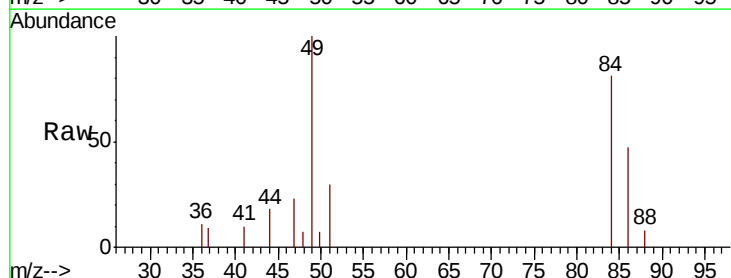
Tgt Ion: 84 Resp: 2005

Ion Ratio Lower Upper

84 100

86 57.6 45.2 84.0

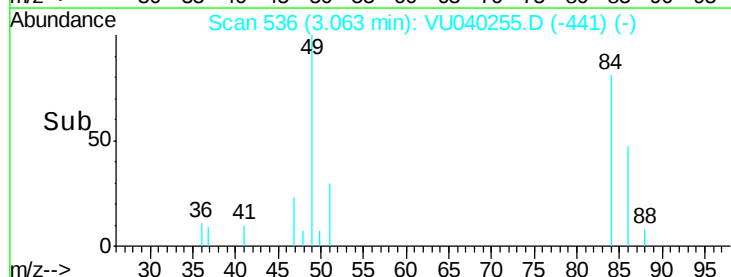
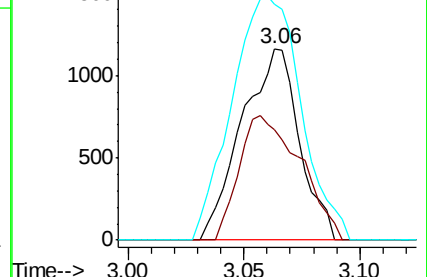
49 123.3 104.0 193.2

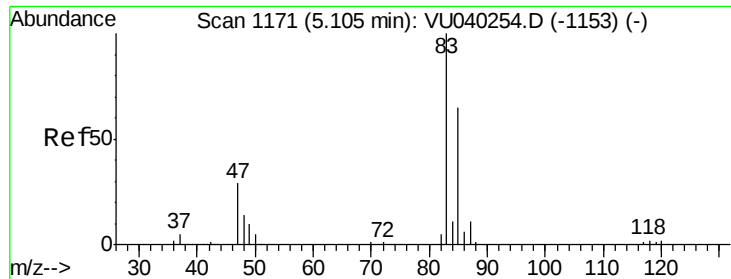


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

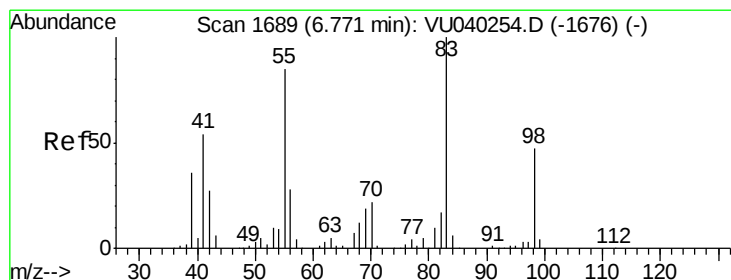
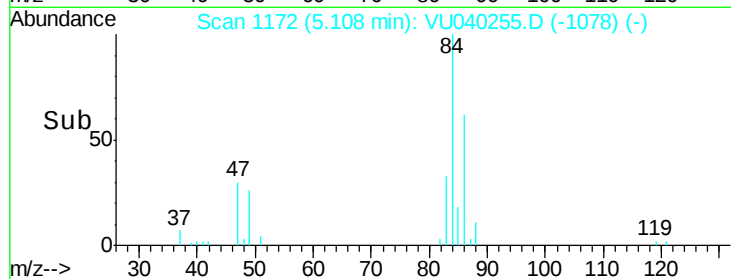
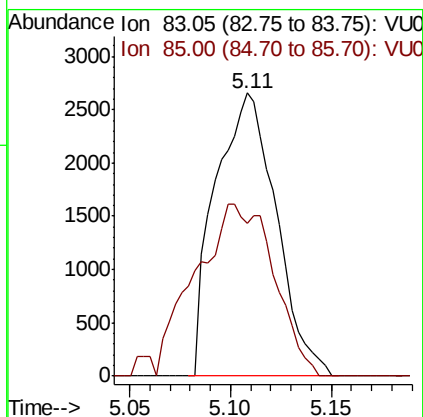
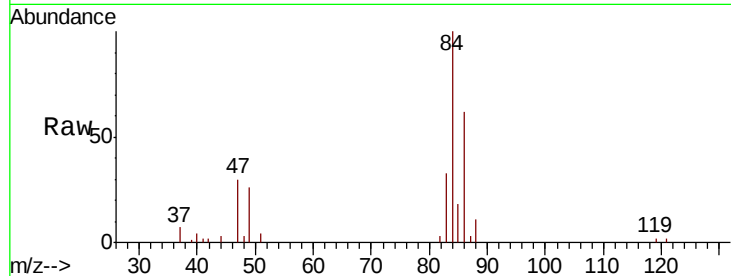




#25
Chloroform
Concen: 0.200 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040255.D
Acq: 23 Sep 2020 11:25

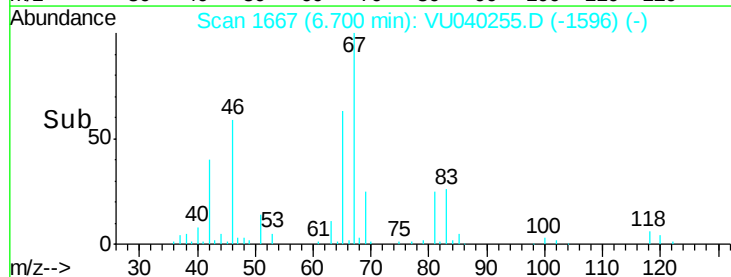
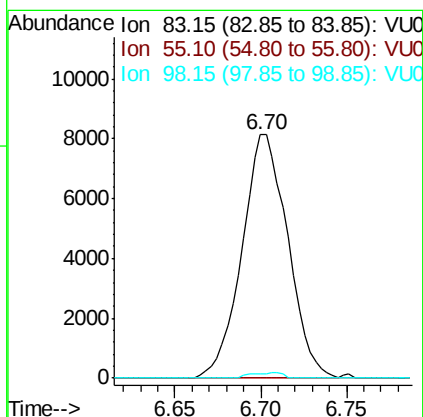
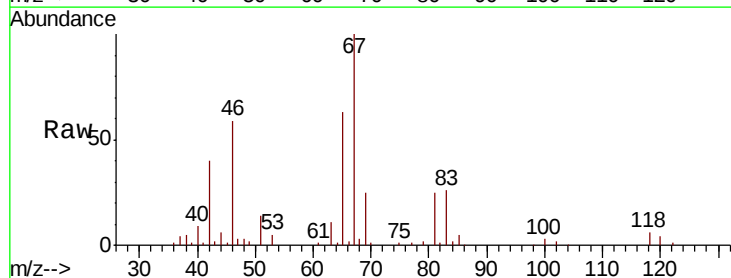
Instrument :
MSVOA_U
ClientSampled :

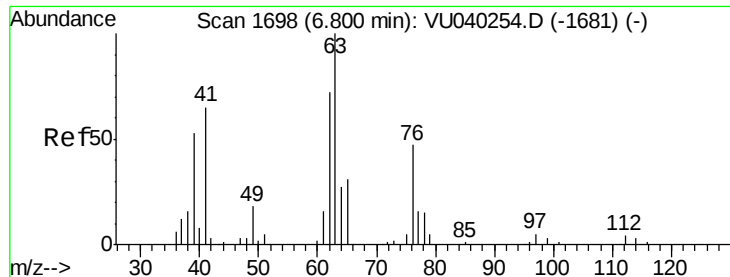
Tot Ion: 83 Resp: 5562
Ion Ratio Lower Upper
83 100
85 54.1 45.3 84.1



#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040255.D
Acq: 23 Sep 2020 11:25

Tgt Ion: 83 Resp: 15066
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.5 37.8 56.6#

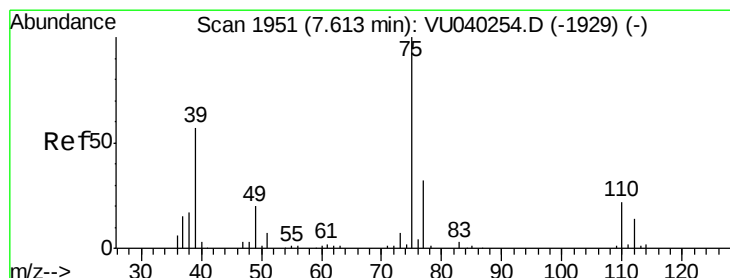
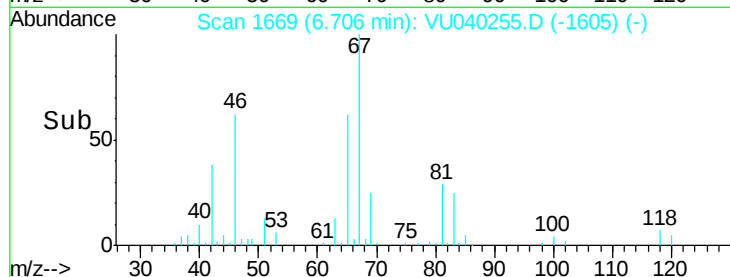
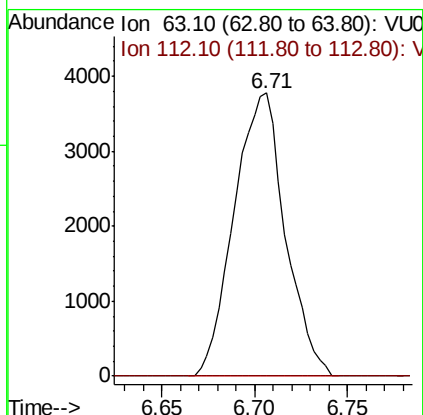
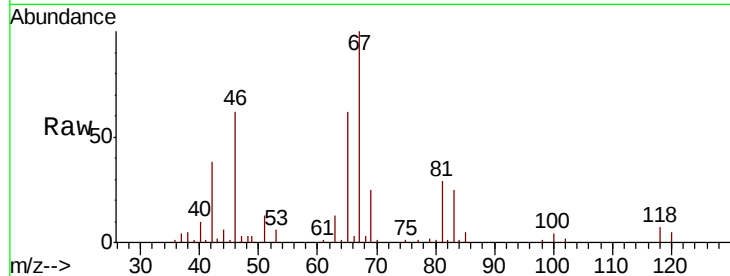




#37
 1,2-Dichloropropane
 Concen: 0.447 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040255.D
 Acq: 23 Sep 2020 11:25

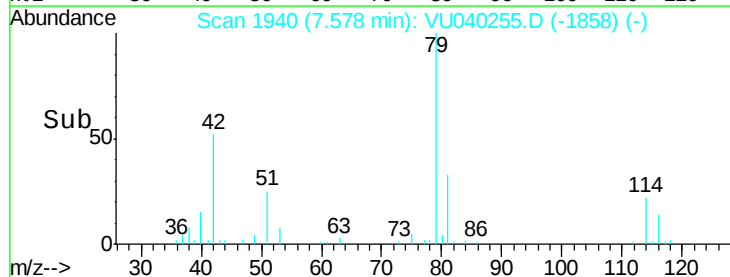
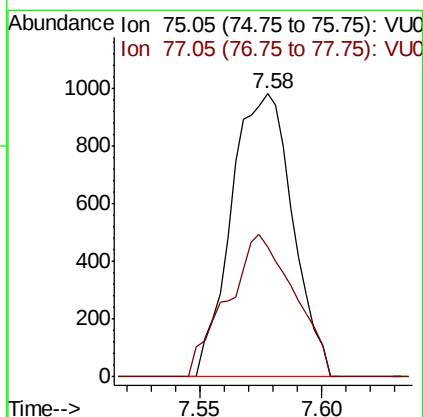
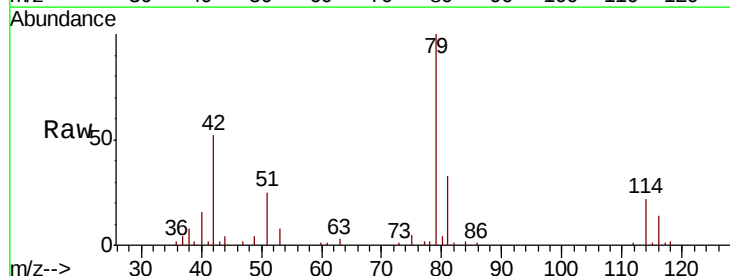
Instrument :
 MSVOA_U
 ClientSampleId :

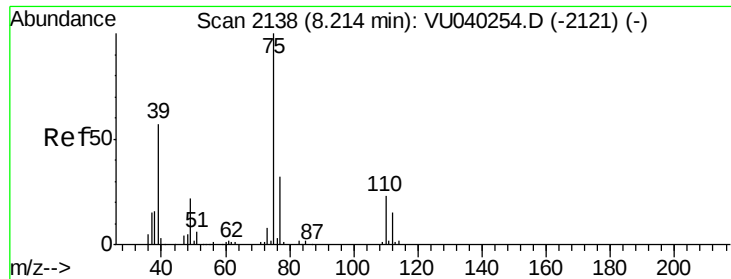
Tot Ion: 63 Resp: 7238
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040255.D
 Acq: 23 Sep 2020 11:25

Tgt Ion: 75 Resp: 1710
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU040255.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_U

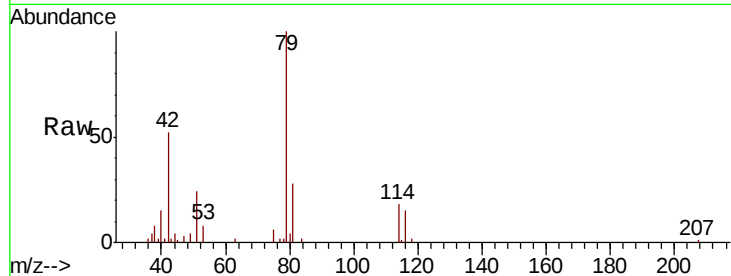
ClientSampleId :

Tot Ion: 75 Resp: 1134

Ion Ratio Lower Upper

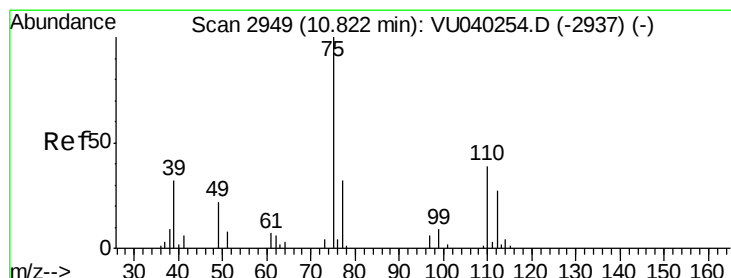
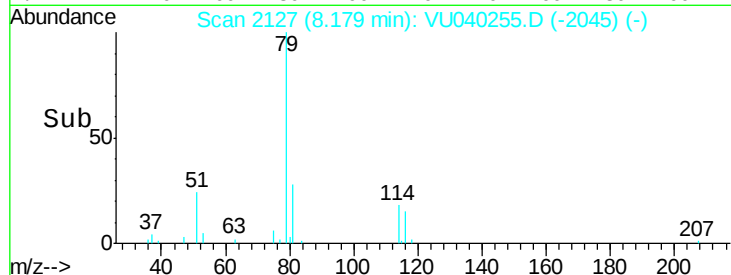
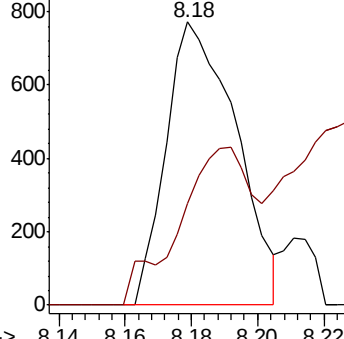
75 100

77 35.8 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.823 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040255.D

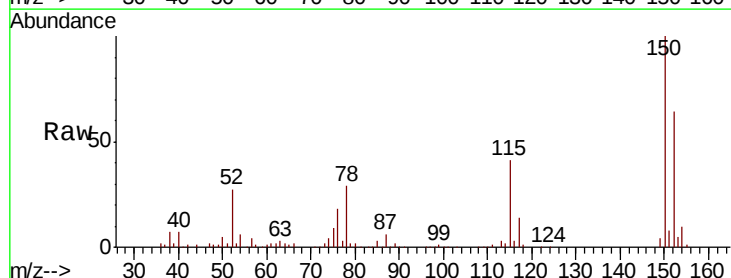
Acq: 23 Sep 2020 11:25

Tgt Ion: 75 Resp: 9871

Ion Ratio Lower Upper

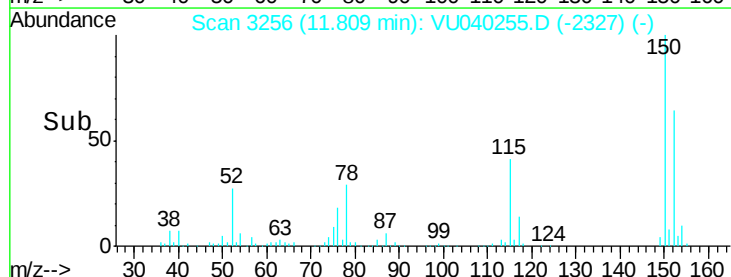
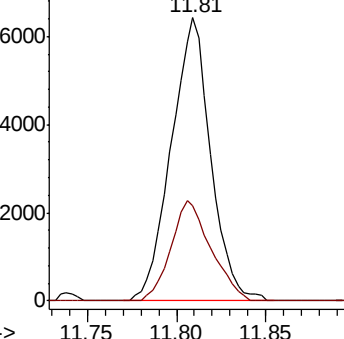
75 100

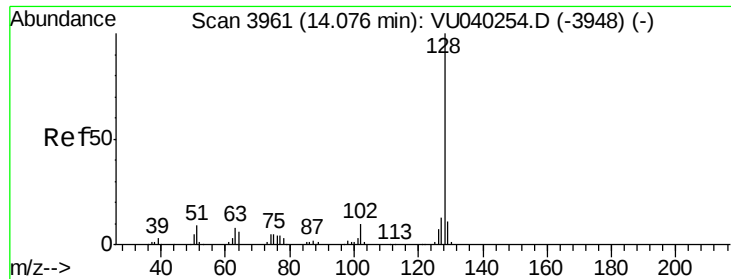
77 36.0 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.047 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

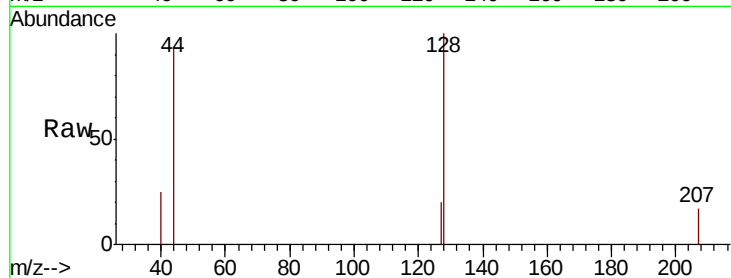
Lab File: VU040255.D

Acq: 23 Sep 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:128 Resp: 1520

Ion Ratio Lower Upper

128 100

129 3.9 8.7 13.1#

127 13.9 10.7 16.1

