

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\
 Data File : VU040746.D
 Acq On : 16 Oct 2020 14:01
 Operator : SY/MD
 Sample : L4419-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Oct 17 00:45:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38868	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	35758	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	69272	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.66	46	160861	55.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.58%
24) Chloroform-d	5.08	84	85840	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.72	65	52856	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.75	84	152192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	54417	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.91	98	119318	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	18944	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	110389	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47345	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48887	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

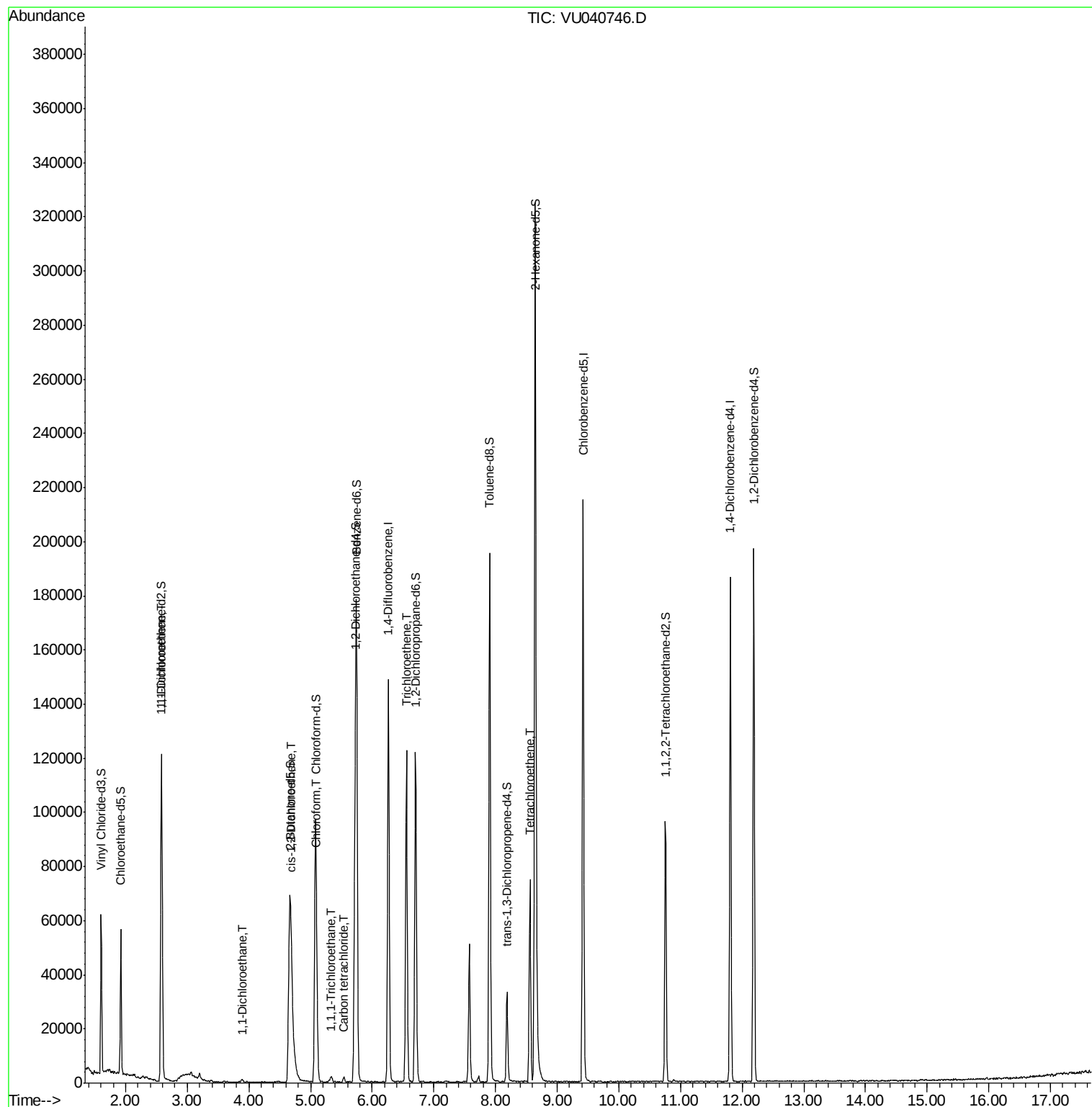
					Ovalue
12) 1,1-Dichloroethene	2.59	96	11884	1.532 ug/L #	32
19) 1,1-Dichloroethane	3.89	63	1395	0.083 ug/L #	67
22) cis-1,2-Dichloroethene	4.69	96	4893	0.559 ug/L	82
25) Chloroform	5.11	83	10001	0.583 ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	1572	0.103 ug/L #	92
31) Carbon tetrachloride	5.54	117	1279	0.098 ug/L	88
34) Trichloroethene	6.56	95	40592	4.279 ug/L	97
47) Tetrachloroethene	8.56	164	15082	2.228 ug/L	93

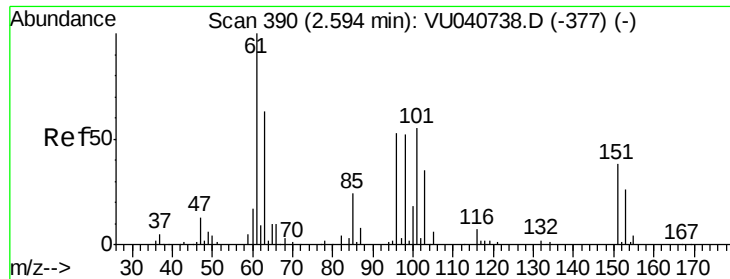
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\
Data File : VU040746.D
Acq On : 16 Oct 2020 14:01
Operator : SY/MD
Sample : L4419-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH9

Quant Time: Oct 17 00:45:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.532 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040746.D

Acq: 16 Oct 2020 14:01

Instrument :

MSVOA_U

ClientSampleId :

C0AH9

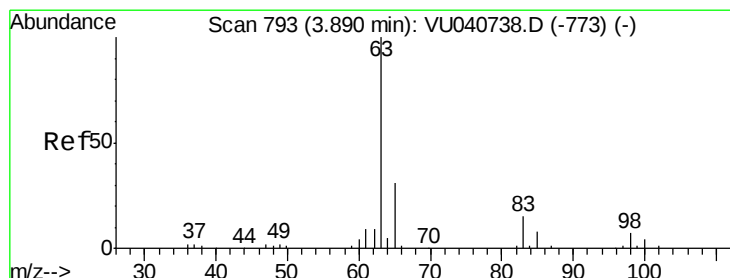
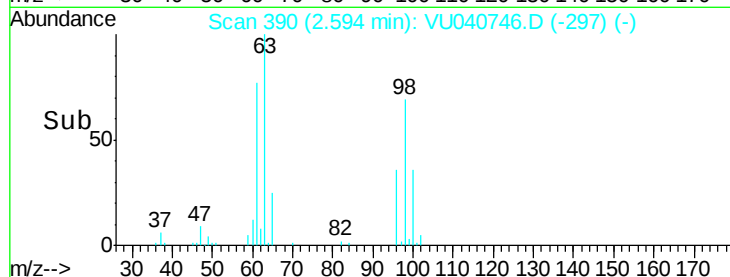
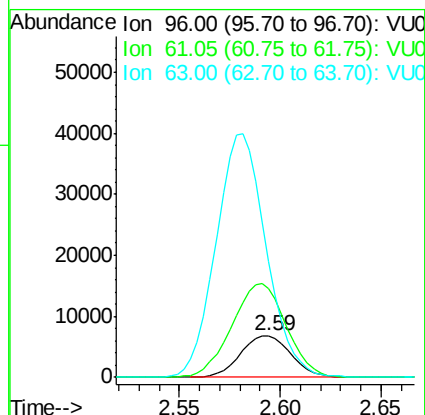
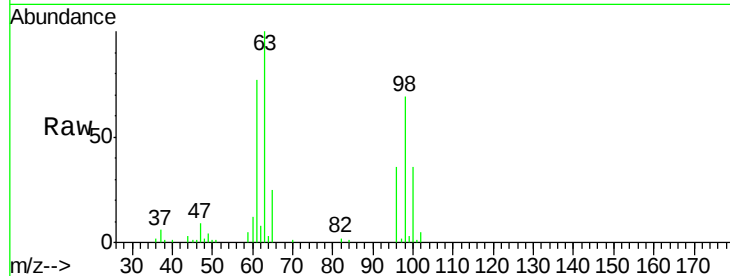
Tot Ion: 96 Resp: 11884

Ion Ratio Lower Upper

96 100

61 213.8 128.8 239.2

63 277.4 84.6 157.2#



#19

1,1-Dichloroethane

Concen: 0.083 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU040746.D

Acq: 16 Oct 2020 14:01

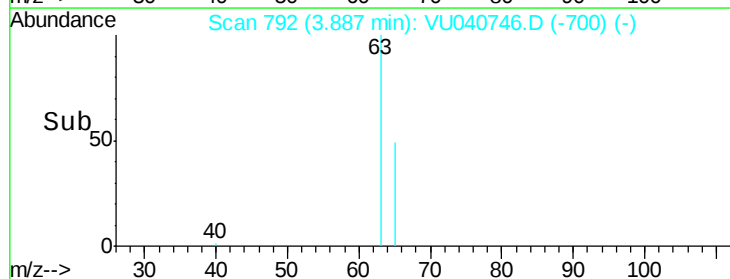
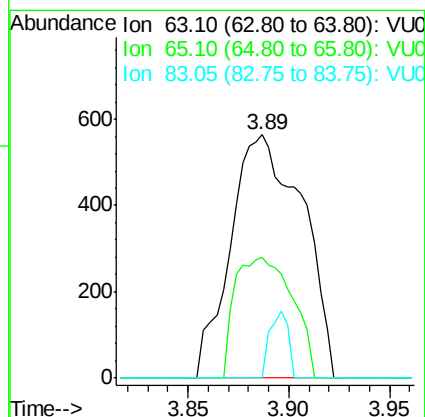
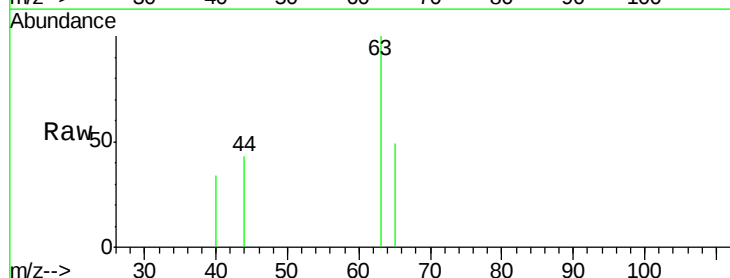
Tgt Ion: 63 Resp: 1395

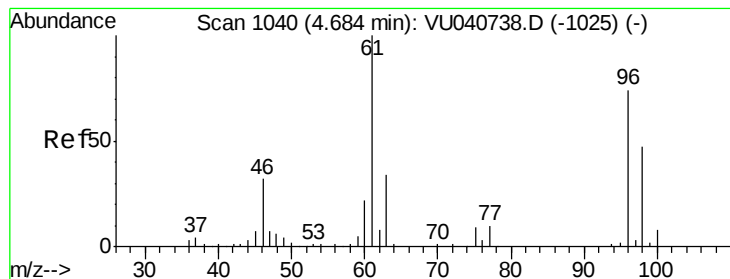
Ion Ratio Lower Upper

63 100

65 49.5 21.9 40.7#

83 0.0 9.6 17.8#





#22

cis-1,2-Dichloroethene

Concen: 0.559 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040746.D

Acq: 16 Oct 2020 14:01

Instrument :

MSVOA_U

ClientSampleId :

C0AH9

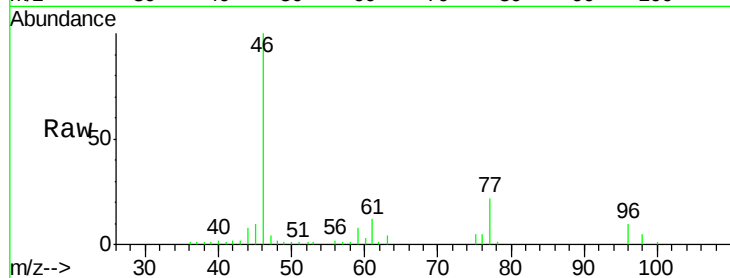
Tot Ion: 96 Resp: 4893

Ion Ratio Lower Upper

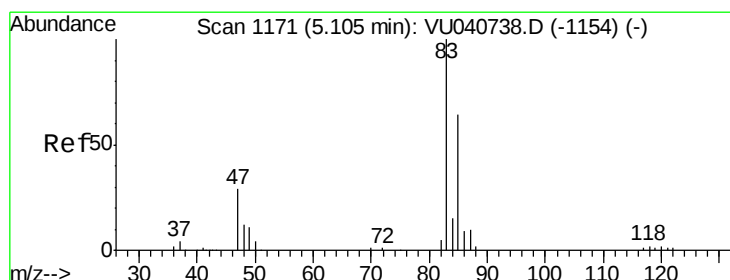
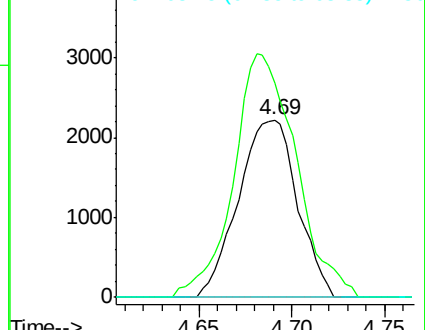
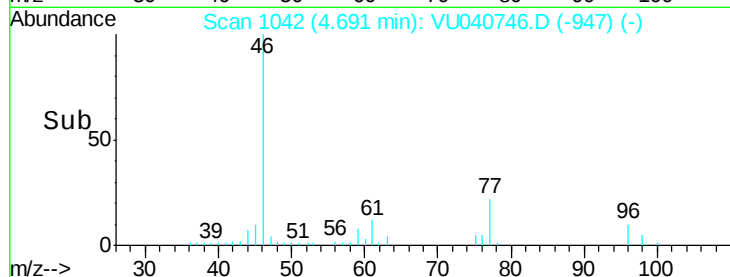
96 100

61 120.9 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040746.D (-947) (-)



#25

Chloroform

Concen: 0.583 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040746.D

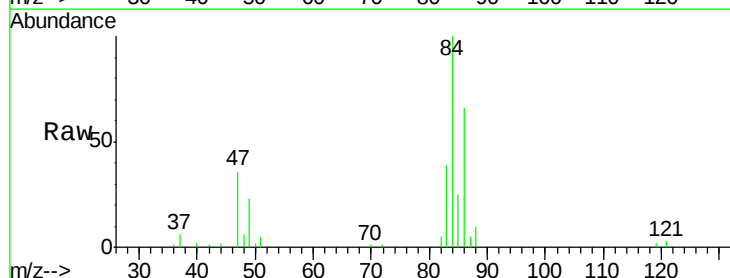
Acq: 16 Oct 2020 14:01

Tgt Ion: 83 Resp: 10001

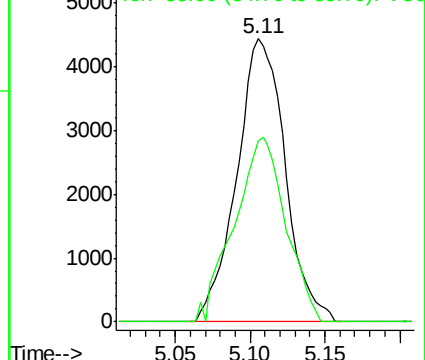
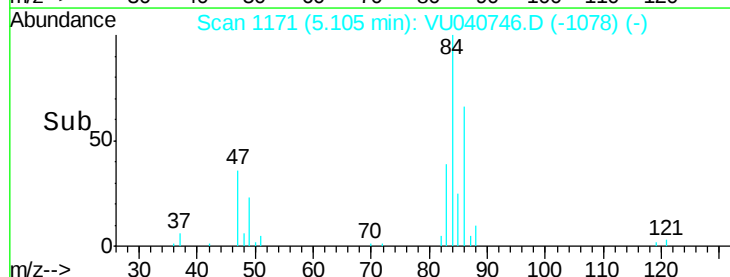
Ion Ratio Lower Upper

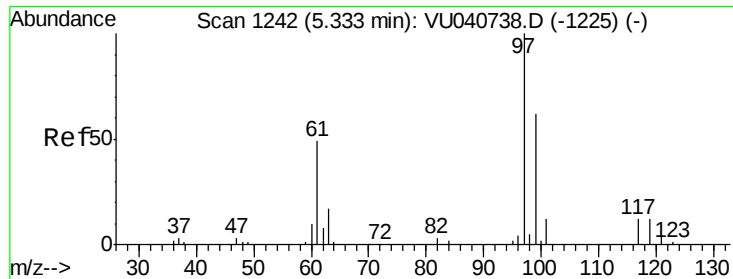
83 100

85 63.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040746.D (-1078) (-)

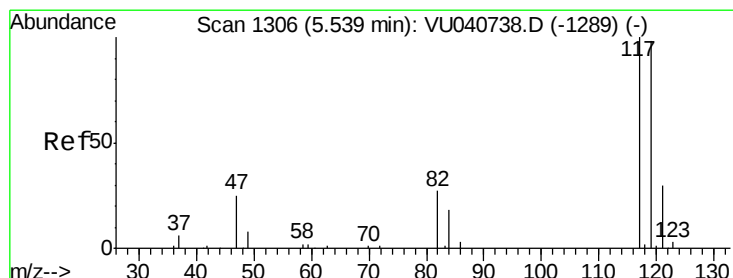
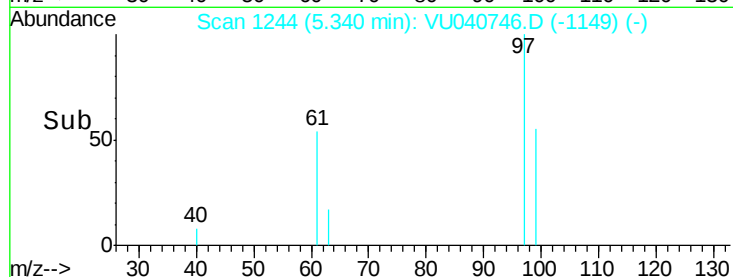
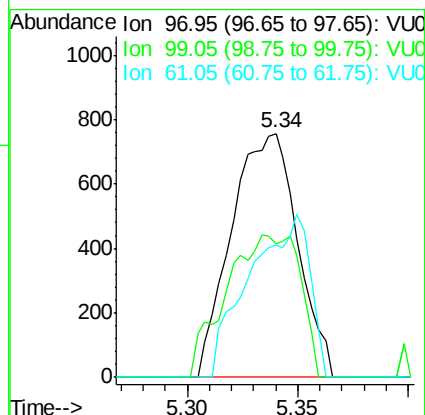
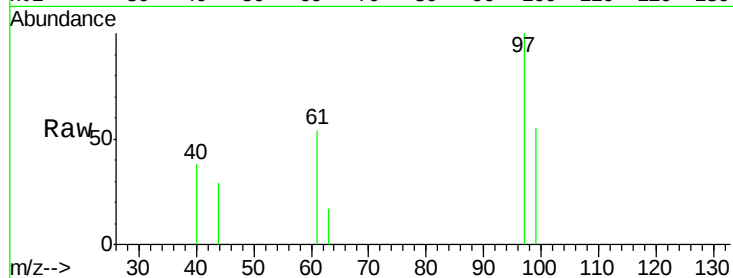




#29
 1,1,1-Trichloroethane
 Concen: 0.103 ug/L
 RT: 5.34 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VU040746.D
 Acq: 16 Oct 2020 14:01

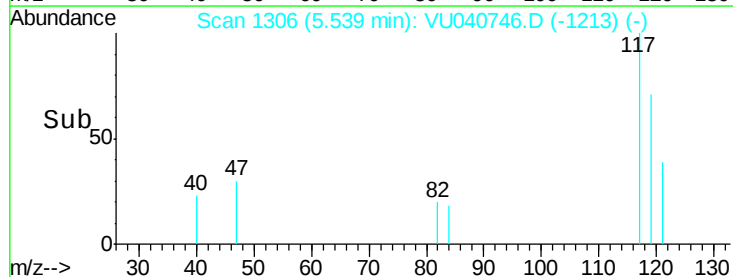
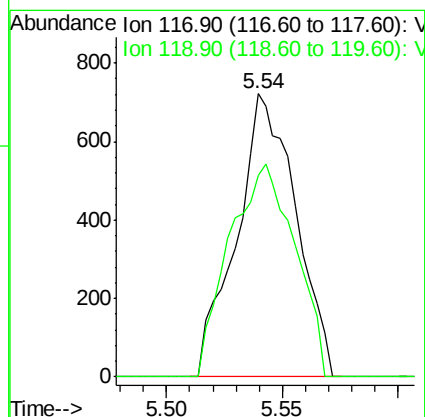
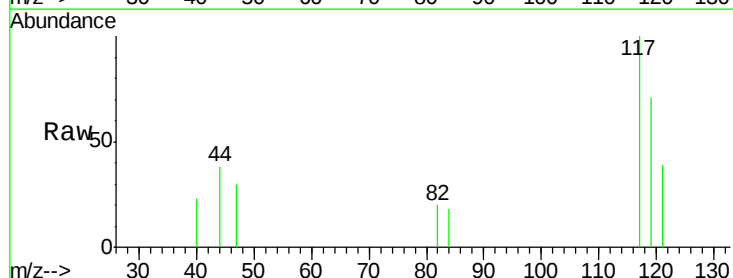
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

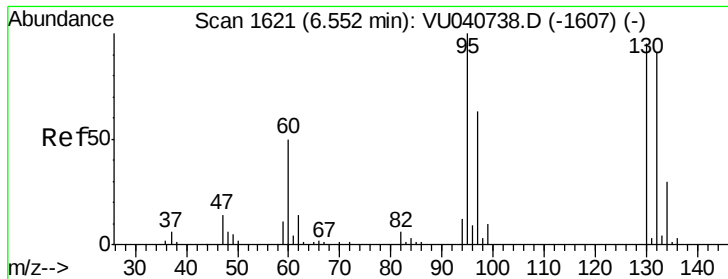
Tot Ion: 97 Resp: 1572
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.3 76.9
 61 60.5 39.4 59.2#



#31
 Carbon tetrachloride
 Concen: 0.098 ug/L
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU040746.D
 Acq: 16 Oct 2020 14:01

Tgt Ion: 117 Resp: 1279
 Ion Ratio Lower Upper
 117 100
 119 83.7 76.2 114.2





#34

Trichloroethene

Concen: 4.279 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040746.D

Acq: 16 Oct 2020 14:01

Instrument :

MSVOA_U

ClientSampleId :

C0AH9

Tot Ion: 95 Resp: 40592

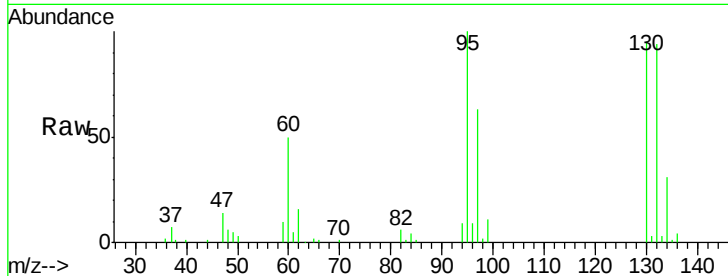
Ion Ratio Lower Upper

95 100

97 63.4 45.5 84.5

132 93.9 67.5 125.4

130 94.8 69.9 129.9

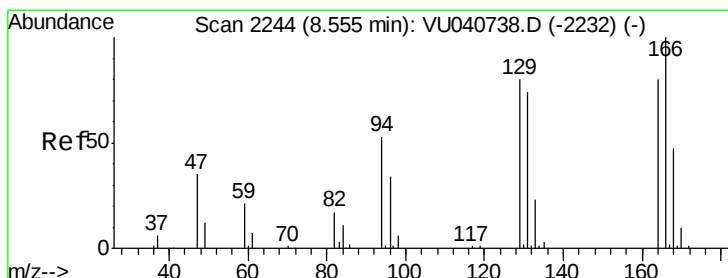
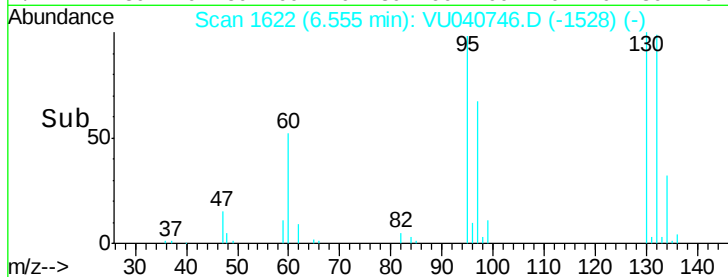
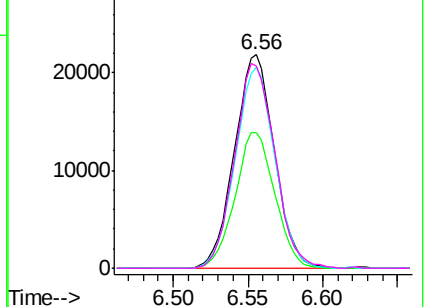


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2.228 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040746.D

Acq: 16 Oct 2020 14:01

Tgt Ion: 164 Resp: 15082

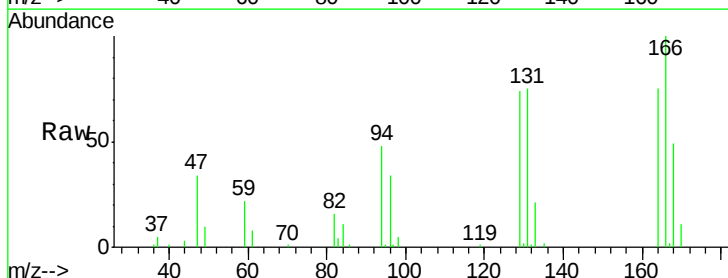
Ion Ratio Lower Upper

164 100

129 99.1 68.8 127.8

131 99.9 66.7 123.9

166 133.8 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

