

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036622.D
 Acq On : 30 Jan 2020 16:24
 Operator : JC/MD
 Sample : L1322-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XS4

Quant Time: Jan 30 16:53:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128366	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86544	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.22%
7) Chloroethane-d5	1.93	69	79706	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.82%
11) 1,1-Dichloroethene-d2	2.59	63	116906	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	4.67	46	142398	105.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.65%
24) Chloroform-d	5.11	84	156728	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
26) 1,2-Dichloroethane-d4	5.74	65	102178	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
32) Benzene-d6	5.77	84	354463	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
36) 1,2-Dichloropropane-d6	6.73	67	114276	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.24%
41) Toluene-d8	7.93	98	336771	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	8.21	79	52587	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.26%
47) 2-Hexanone-d5	8.67	63	124463	108.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.33%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	166528	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	123916	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%

Target Compounds

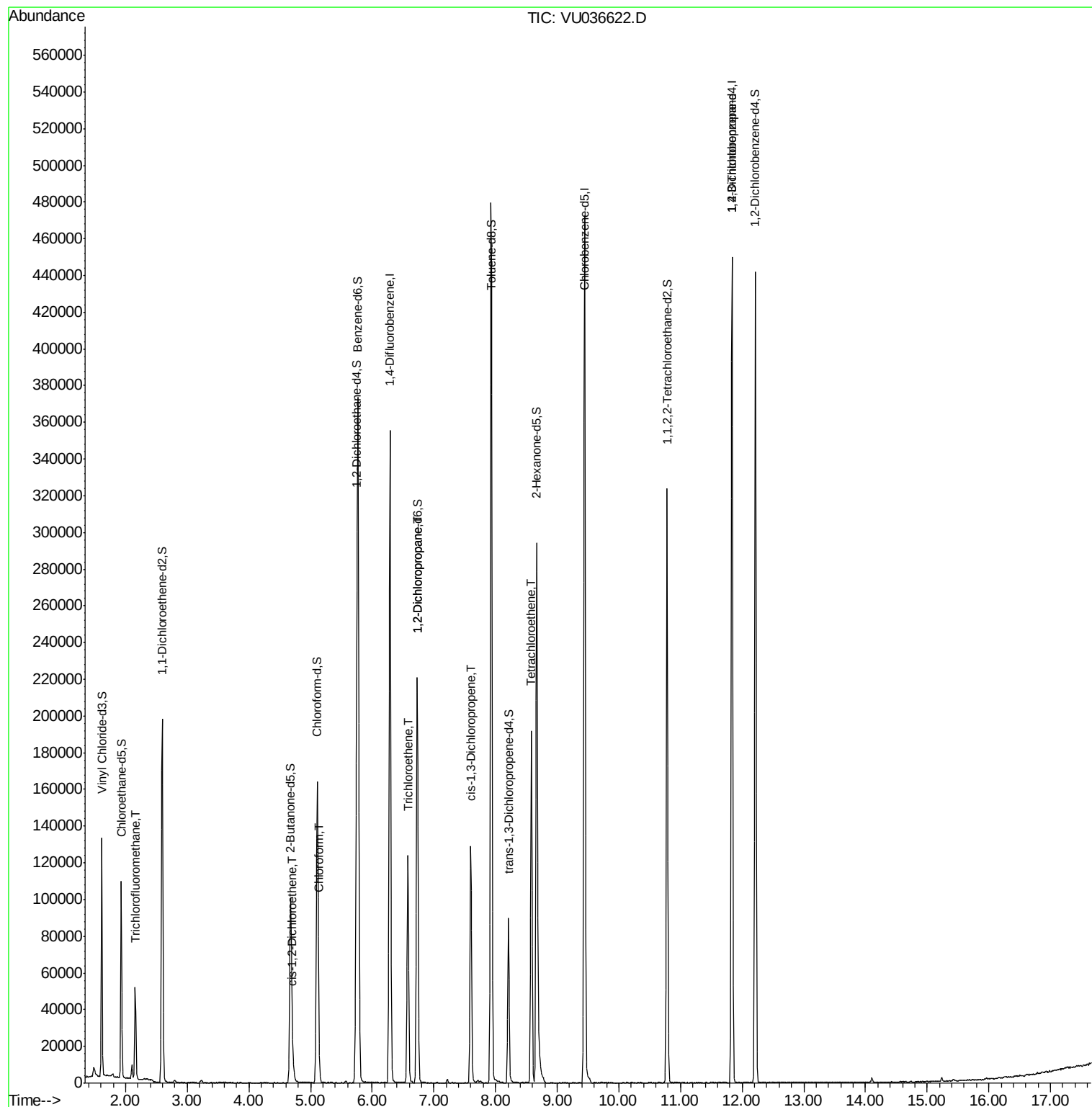
						Qvalue
9) Trichlorofluoromethane	2.16	101	32781	10.63	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	3543	1.54	ug/L	99
25) Chloroform	5.14	83	5112	1.38	ug/L	96
34) Trichloroethene	6.58	95	42719	19.64	ug/L	98
37) 1,2-Dichloropropane	6.73	63	11411	5.31	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2845	0.82	ug/L #	66
46) Tetrachloroethene	8.58	164	45191	25.57	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	14383	4.95	ug/L	93

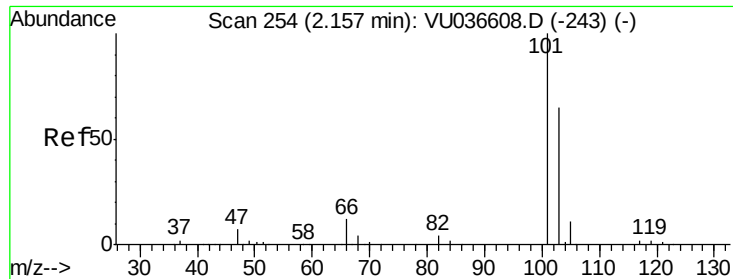
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036622.D
Acq On : 30 Jan 2020 16:24
Operator : JC/MD
Sample : L1322-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XS4

Quant Time: Jan 30 16:53:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 10.63 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU036622.D

Acq: 30 Jan 2020 16:24

Instrument :

MSVOA_U

ClientSampleId :

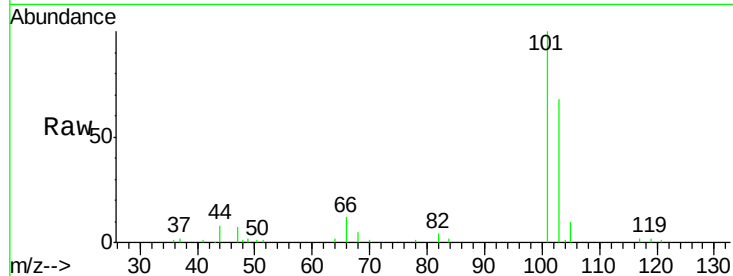
C0XS4

Tgt Ion:101 Resp: 32781

Ion Ratio Lower Upper

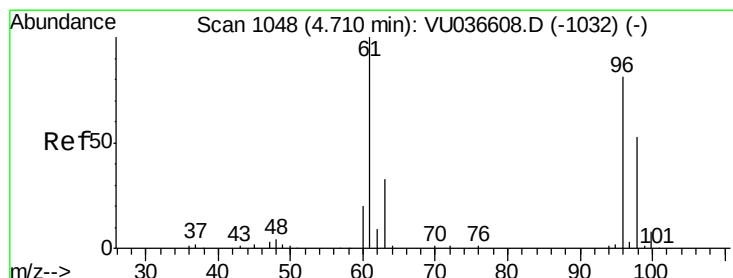
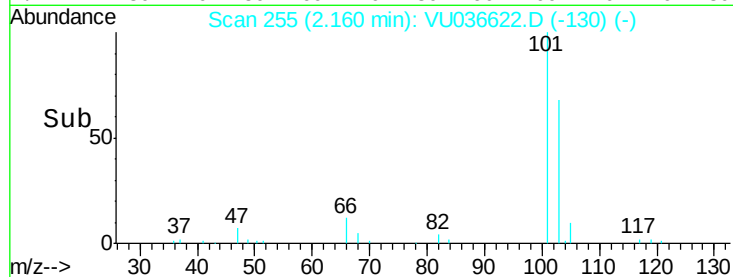
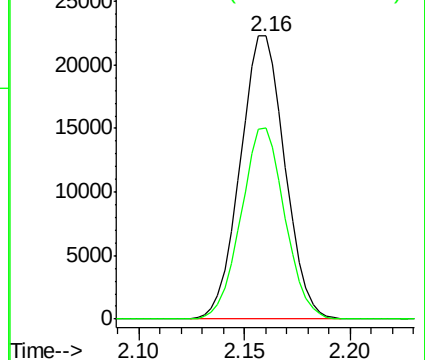
101 100

103 66.1 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.54 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VU036622.D

Acq: 30 Jan 2020 16:24

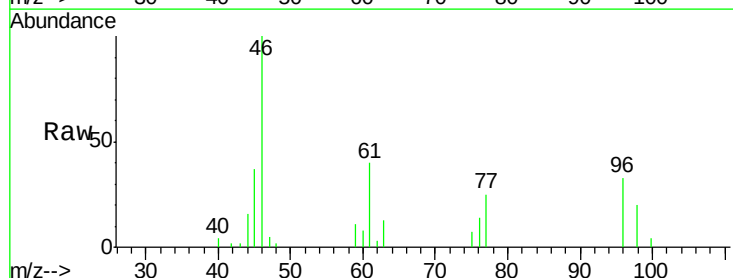
Tgt Ion: 96 Resp: 3543

Ion Ratio Lower Upper

96 100

61 118.4 82.2 152.6

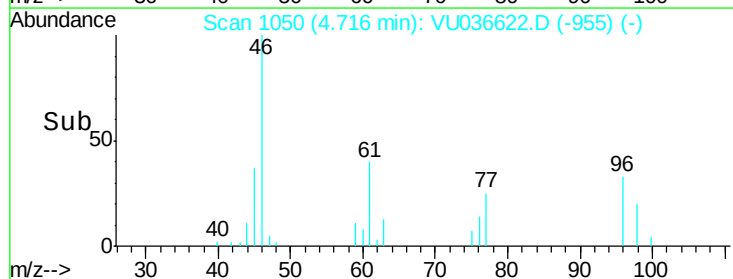
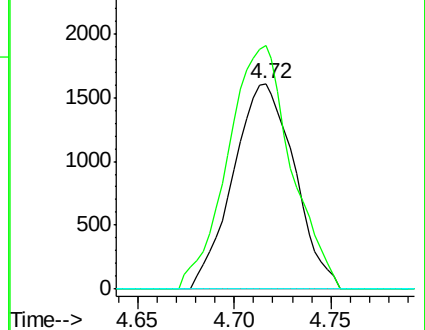
68 0.0 0.0 0.0

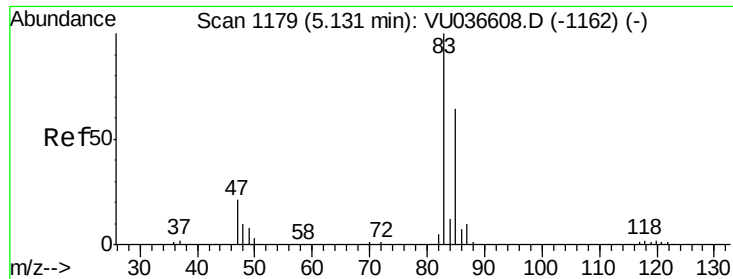


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

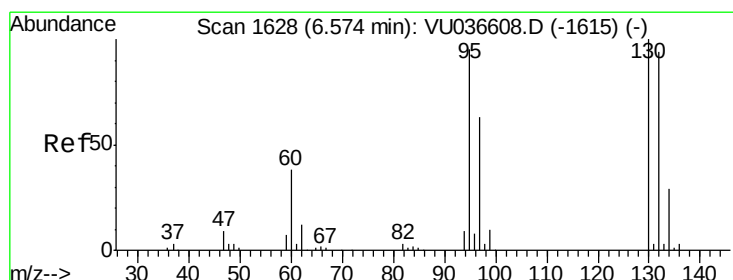
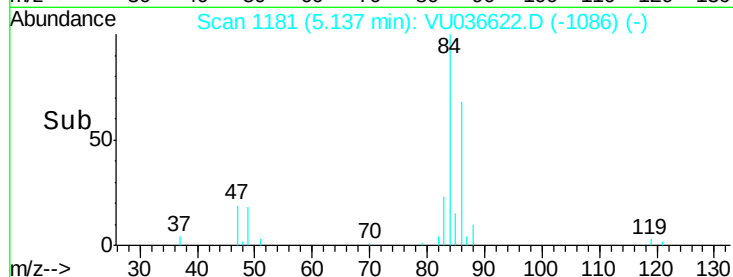
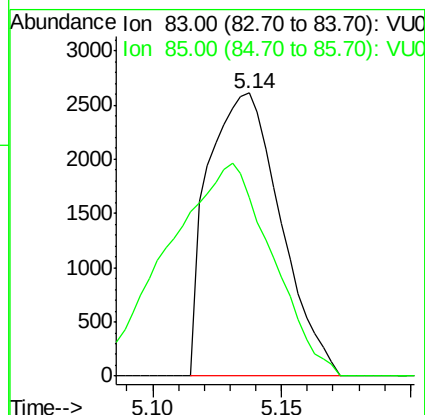
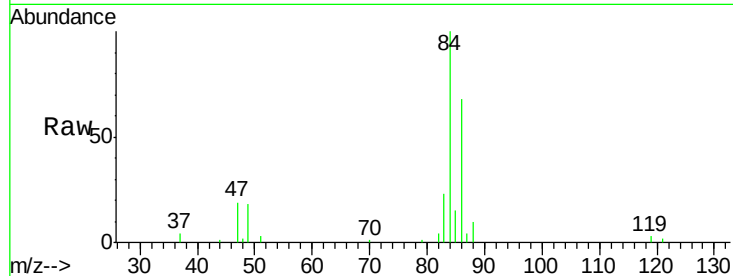




#25
Chloroform
Concen: 1.38 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU036622.D
Acq: 30 Jan 2020 16:24

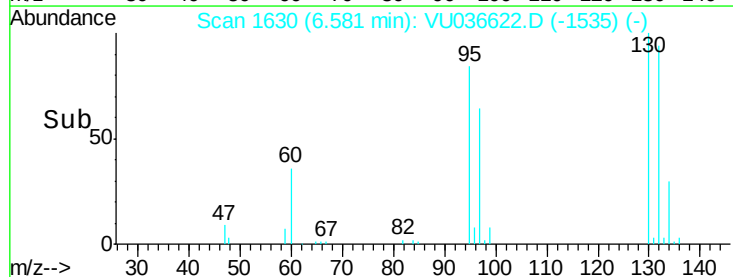
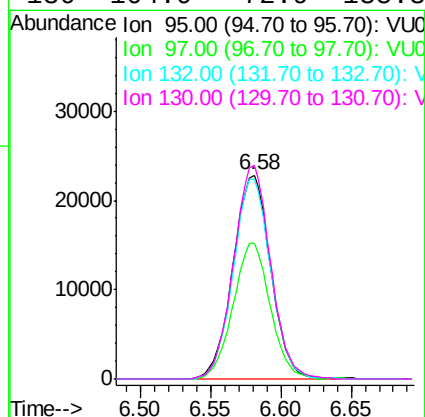
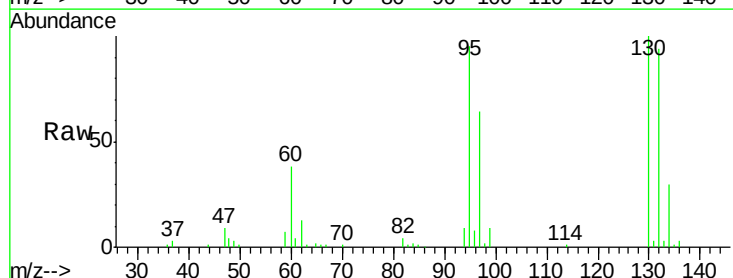
Instrument :
MSVOA_U
ClientSampleId :
C0XS4

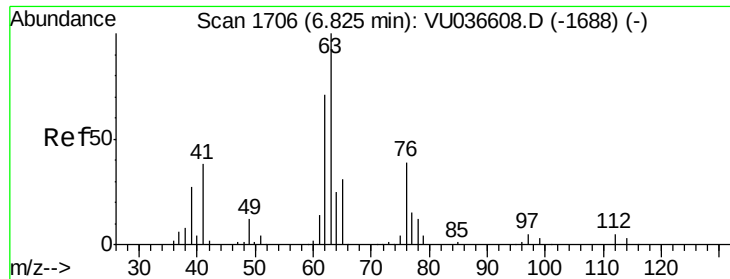
Tgt Ion: 83 Resp: 5112
Ion Ratio Lower Upper
83 100
85 62.9 46.3 85.9



#34
Trichloroethene
Concen: 19.64 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VU036622.D
Acq: 30 Jan 2020 16:24

Tgt Ion: 95 Resp: 42719
Ion Ratio Lower Upper
95 100
97 66.8 45.5 84.5
132 98.2 70.9 131.7
130 104.9 72.9 135.3

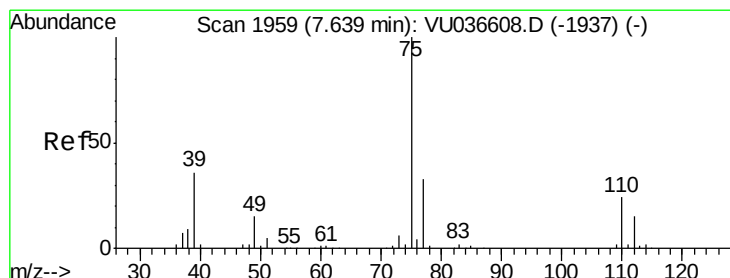
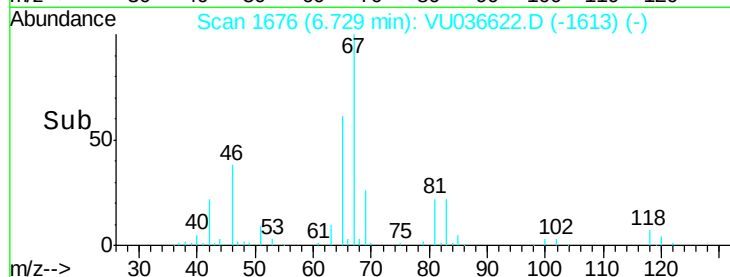
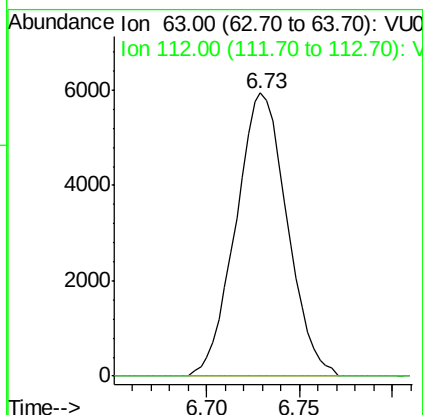
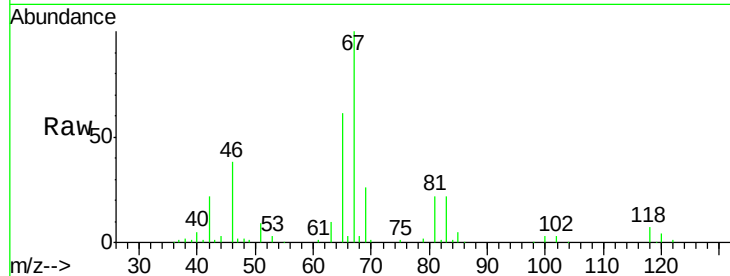




#37
 1,2-Dichloropropane
 Concen: 5.31 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036622.D
 Acq: 30 Jan 2020 16:24

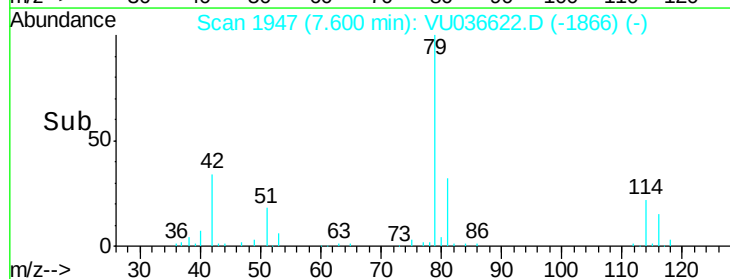
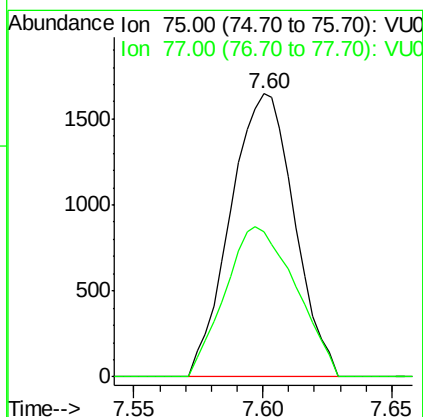
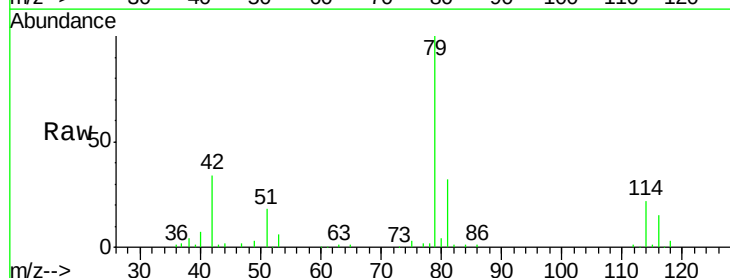
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XS4

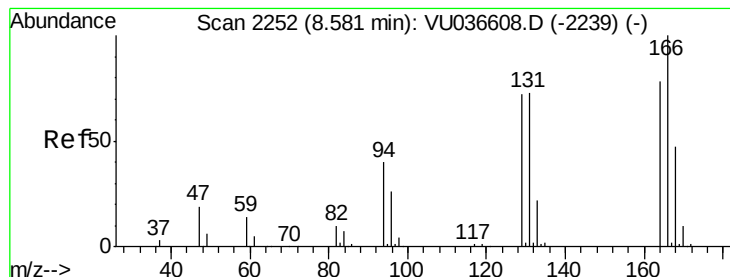
Tgt Ion: 63 Resp: 11411
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.82 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036622.D
 Acq: 30 Jan 2020 16:24

Tgt Ion: 75 Resp: 2845
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.5 41.9#





#46

Tetrachloroethene

Concen: 25.57 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036622.D

Acq: 30 Jan 2020 16:24

Instrument :

MSVOA_U

ClientSampled :

C0XS4

Tgt Ion:164 Resp: 45191

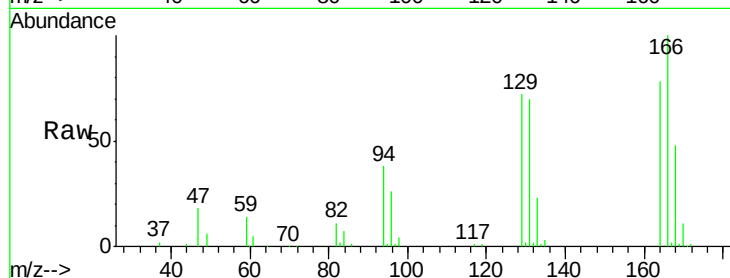
Ion Ratio Lower Upper

164 100

129 92.9 64.2 119.2

131 90.2 61.8 114.8

166 128.9 88.8 165.0

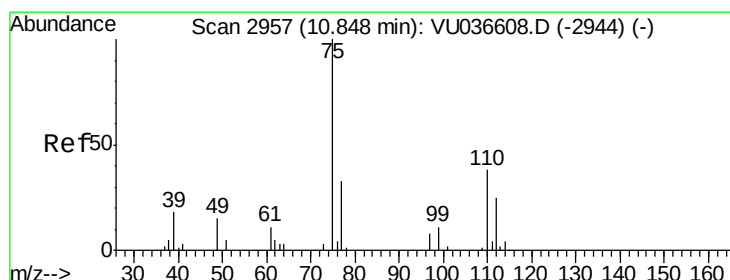
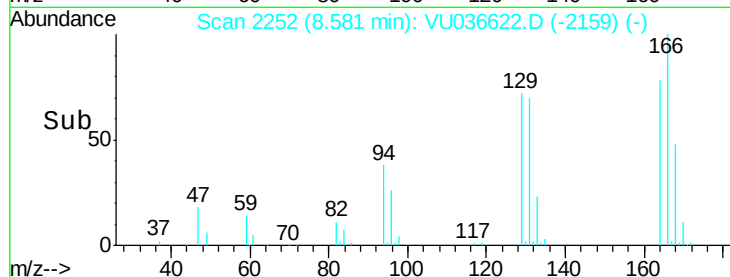
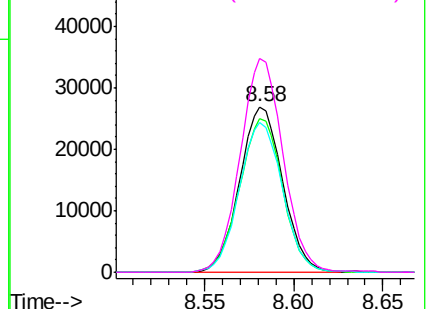


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.95 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036622.D

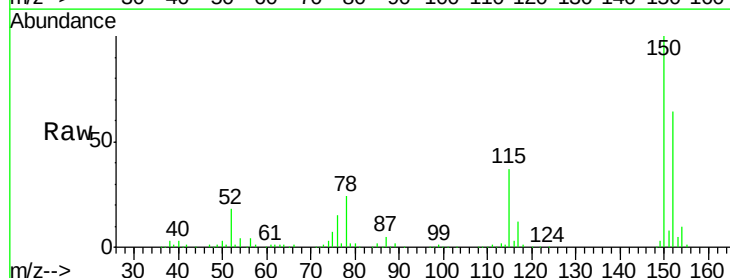
Acq: 30 Jan 2020 16:24

Tgt Ion: 75 Resp: 14383

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

