

Data File : VU036976.D
Acq On : 28 Feb 2020 16:38
Operator : JC/MD
Sample : L1730-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XW1

Quant Time: Feb 29 00:35:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85565	40.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.74%		
7) Chloroethane-d5	1.93	69	79187	45.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.30%		
11) 1,1-Dichloroethene-d2	2.59	63	113409	31.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.90%		
21) 2-Butanone-d5	4.67	46	149375	105.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.06%		
24) Chloroform-d	5.11	84	152407	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.18%		
26) 1,2-Dichloroethane-d4	5.74	65	106679	48.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.40%		
32) Benzene-d6	5.76	84	333345	48.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.60%		
36) 1,2-Dichloropropane-d6	6.72	67	111086	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.36%		
41) Toluene-d8	7.92	98	303794	47.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.90%		
43) trans-1,3-Dichloropropene-	8.20	79	47593	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.60%		
47) 2-Hexanone-d5	8.66	63	110169	100.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.77%		
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150432	47.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.44%		
64) 1,2-Dichlorobenzene-d4	12.21	152	92207	53.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.00%		

Target Compounds

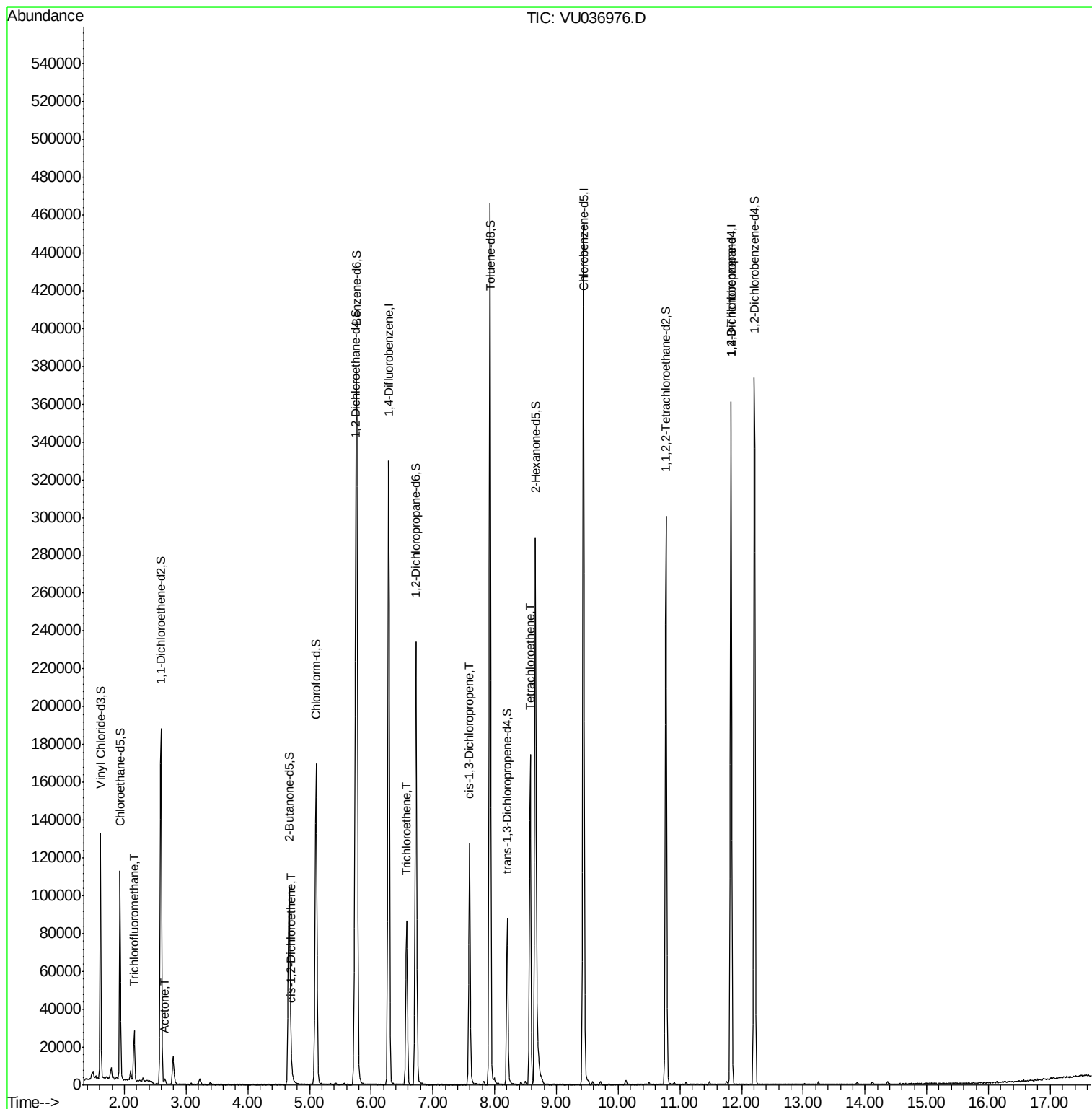
					Qvalue
9) Trichlorofluoromethane	2.16	101	16009	5.941 ug/L	98
13) Acetone	2.66	43	3088	2.112 ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	2670	1.363 ug/L	84
34) Trichloroethene	6.57	95	28597	15.433 ug/L	99
39) cis-1,3-Dichloropropene	7.60	75	2950	0.943 ug/L #	67
46) Tetrachloroethene	8.57	164	34927	28.612 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	14157	5.421 ug/L	95

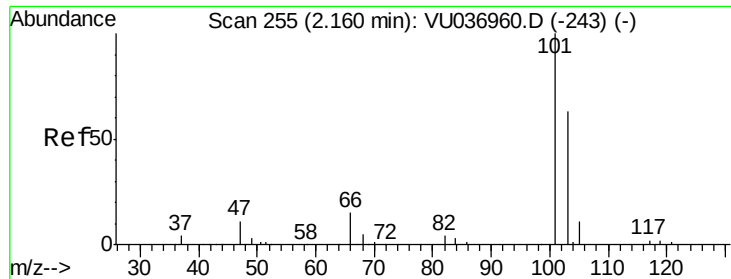
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 5.941 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

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Acq: 28 Feb 2020 16:38

Instrument :

MSVOA_U

ClientSampleId :

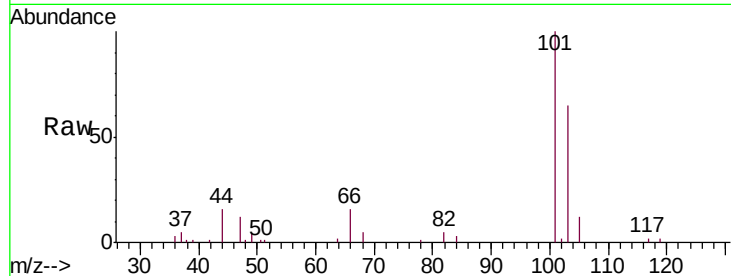
C0XW1

Tgt Ion:101 Resp: 16009

Ion Ratio Lower Upper

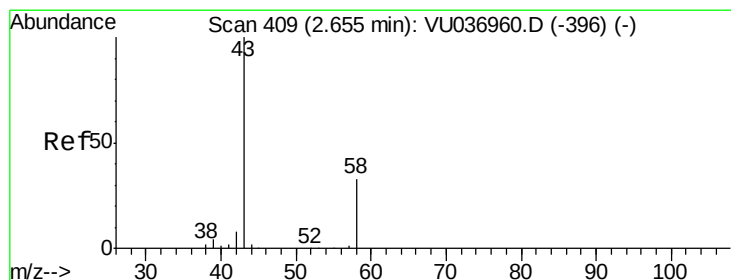
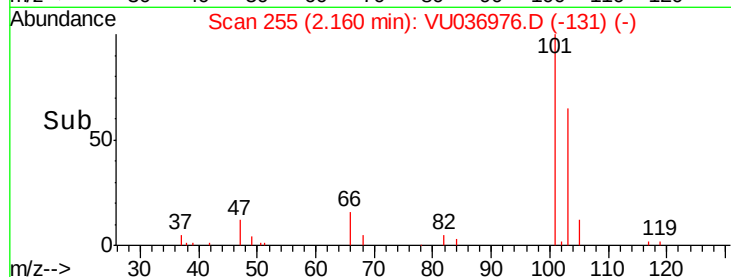
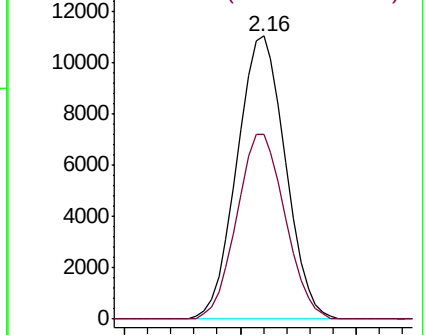
101 100

103 65.2 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.112 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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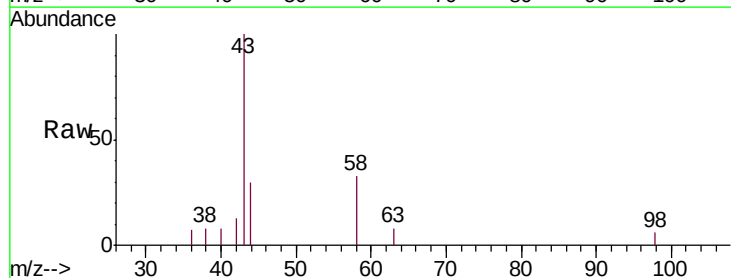
Acq: 28 Feb 2020 16:38

Tgt Ion: 43 Resp: 3088

Ion Ratio Lower Upper

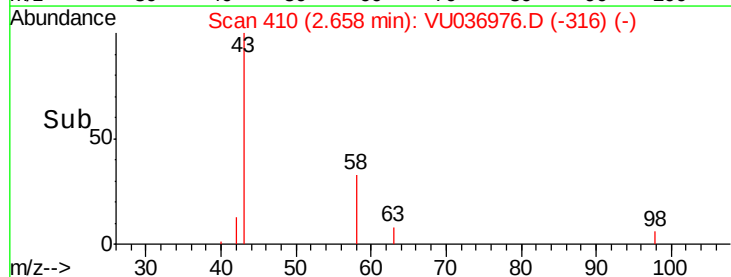
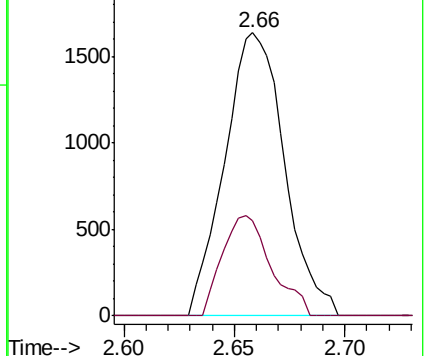
43 100

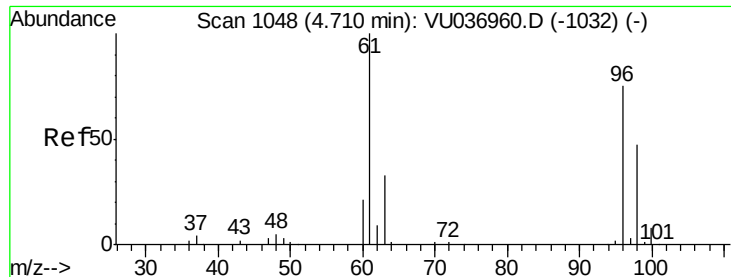
58 29.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

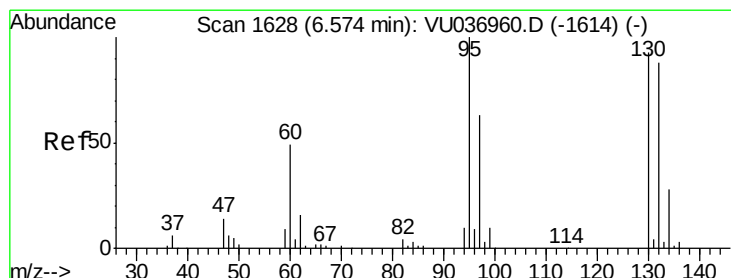
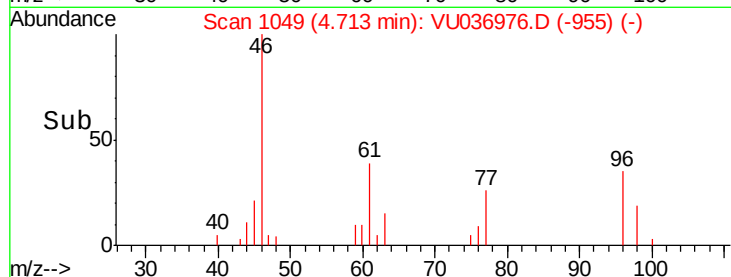
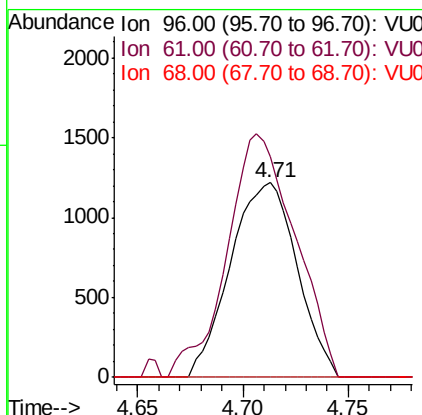
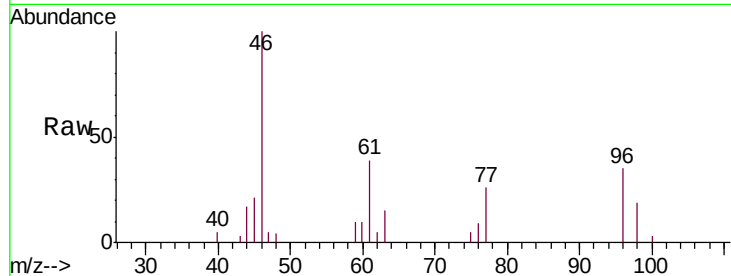




#20
 cis-1,2-Dichloroethene
 Concen: 1.363 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

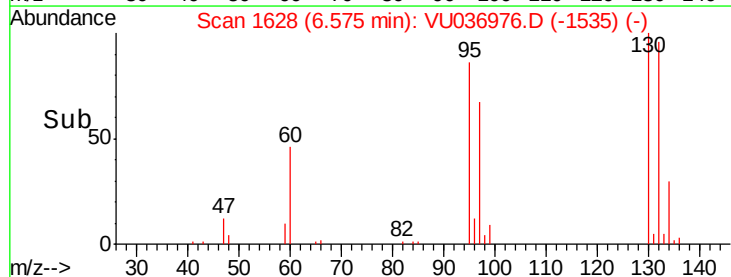
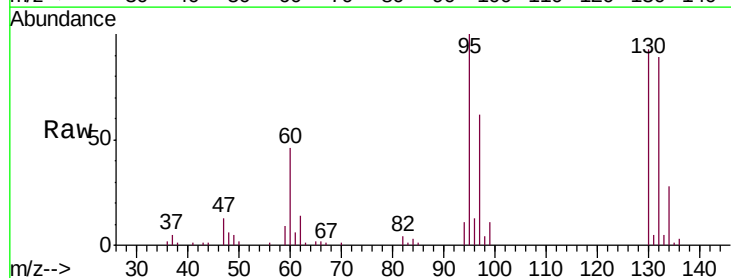
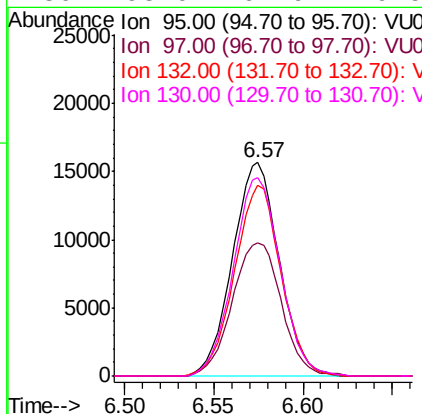
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW1

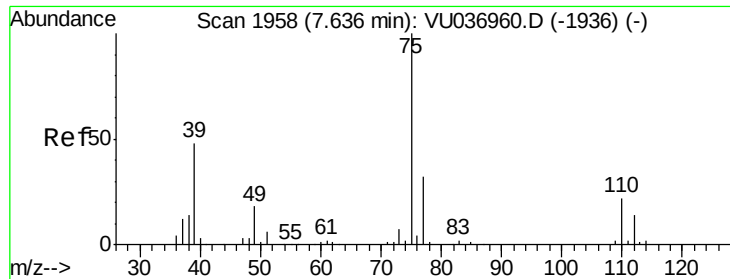
Tgt Ion: 96 Resp: 2670
 Ion Ratio Lower Upper
 96 100
 61 113.6 93.1 172.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.433 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

Tgt Ion: 95 Resp: 28597
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.1 81.9
 132 89.4 60.6 112.6
 130 93.0 64.9 120.5





#39

cis-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036976.D

Acq: 28 Feb 2020 16:38

Instrument :

MSVOA_U

ClientSampleId :

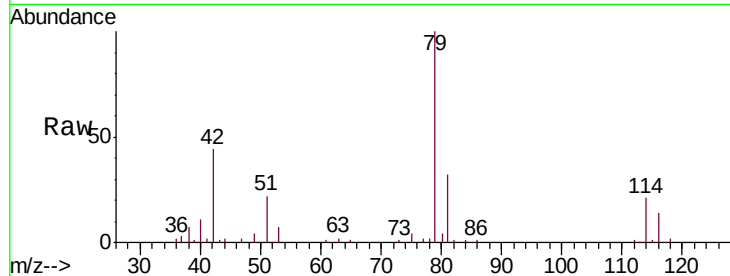
C0XW1

Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

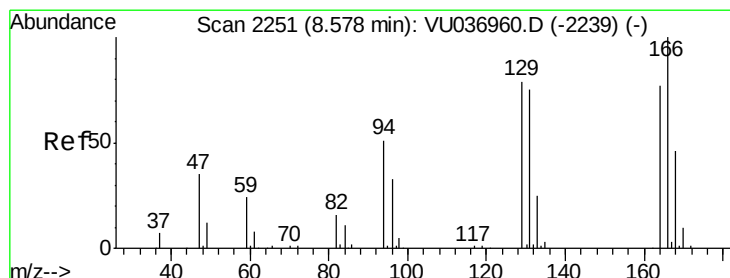
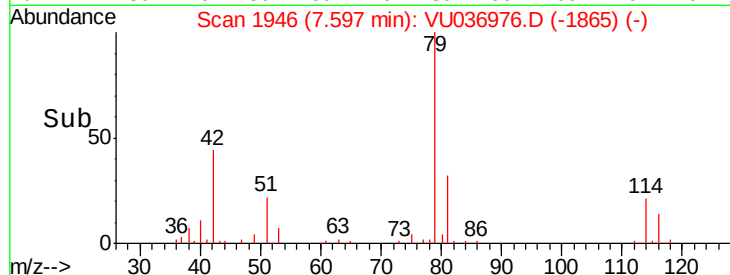
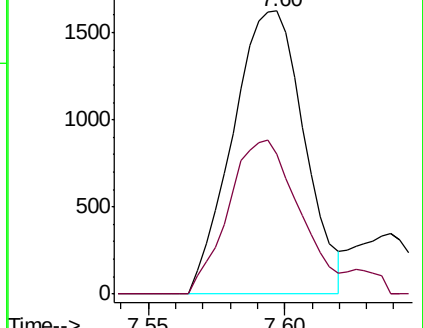
75 100

77 49.7 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036976.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU036976.D (-1936) (-)



#46

Tetrachloroethene

Concen: 28.612 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036976.D

Acq: 28 Feb 2020 16:38

Tgt Ion: 164 Resp: 34927

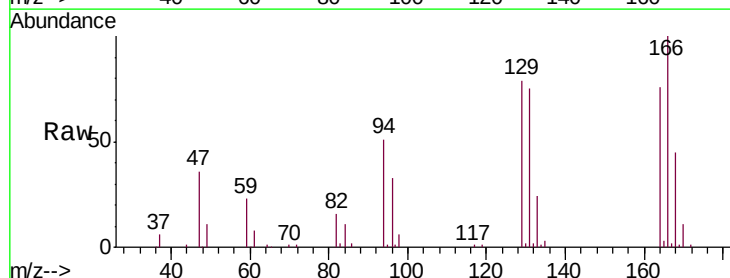
Ion Ratio Lower Upper

164 100

129 104.0 72.0 133.8

131 98.0 67.9 126.1

166 131.5 87.1 161.7

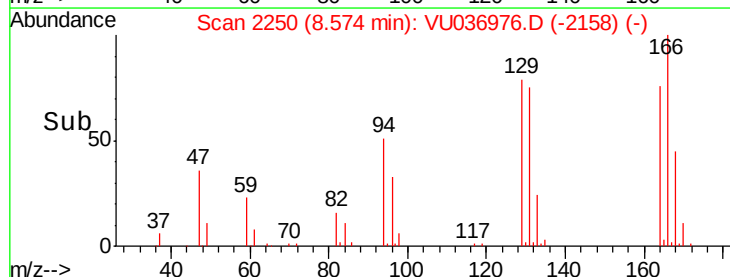
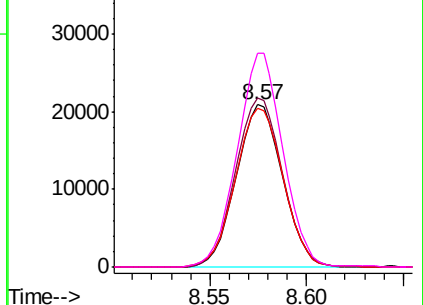


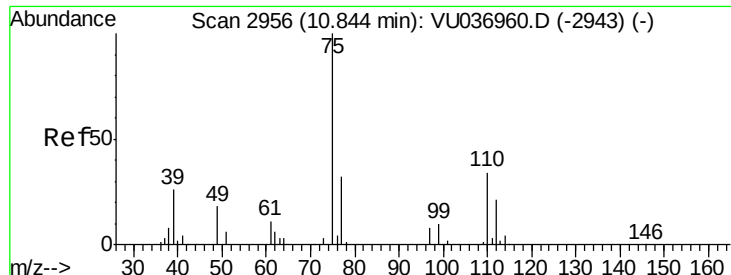
Abundance Ion 164.00 (163.70 to 164.70): VU036976.D (-2158) (-)

Ion 129.00 (128.70 to 129.70): VU036976.D (-2158) (-)

Ion 131.00 (130.70 to 131.70): VU036976.D (-2158) (-)

Ion 166.00 (165.70 to 166.70): VU036976.D (-2158) (-)





#59

1,2,3-Trichloropropane

Concen: 5.421 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036976.D

Acq: 28 Feb 2020 16:38

Instrument :

MSVOA_U

ClientSampleId :

C0XW1

Tgt Ion: 75 Resp: 14157

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

