

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036885.D
 Acq On : 24 Feb 2020 16:05
 Operator : JC/MD
 Sample : L1608-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:21:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	100446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109858	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.93	69	92259	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.92%
11) 1,1-Dichloroethene-d2	2.59	63	139272	35.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.06%
21) 2-Butanone-d5	4.67	46	151012	94.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.82%
24) Chloroform-d	5.11	84	161857	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.74	65	116348	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.76	84	370340	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.73	67	121220	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.93	98	334753	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	54610	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.66	63	114907	96.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.09%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	160823	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	12.21	152	99581	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%

Target Compounds

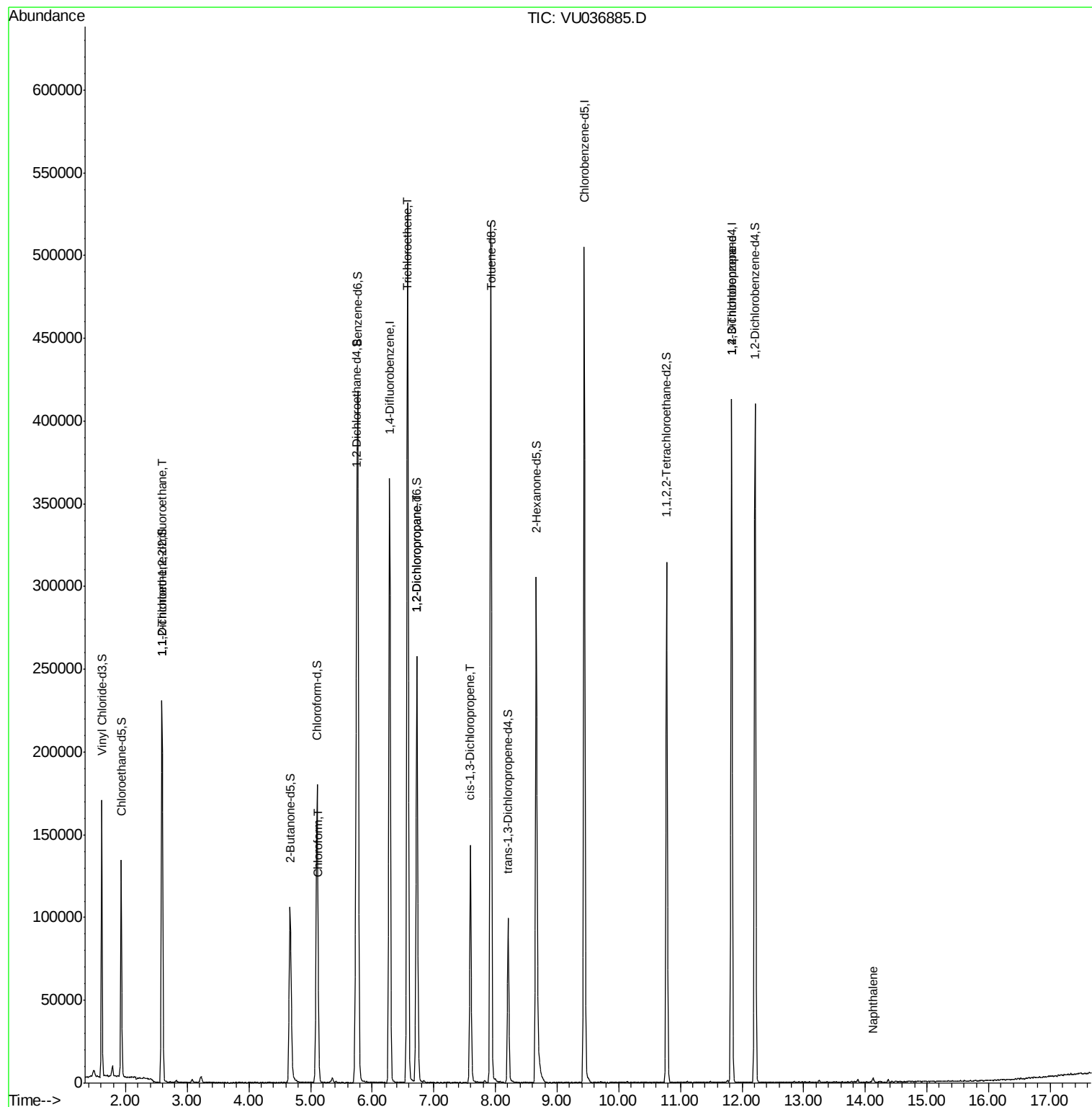
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1898	1.051	ug/L # 39
25) Chloroform	5.13	83	6259	1.702	ug/L 91
34) Trichloroethene	6.57	95	180684	89.146	ug/L 99
37) 1,2-Dichloropropane	6.72	63	13100	5.900	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	3390	0.991	ug/L # 58
59) 1,2,3-Trichloropropane	11.83	75	15663	5.484	ug/L 99
69) Naphthalene	14.12	128	2529	0.925	ug/L # 89

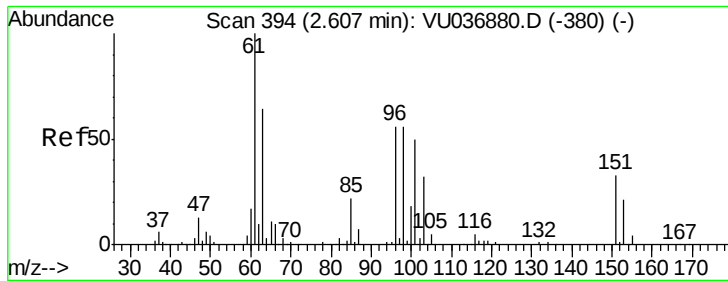
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.051 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036885.D

Acq: 24 Feb 2020 16:05

Instrument :

MSVOA_U

ClientSampled :

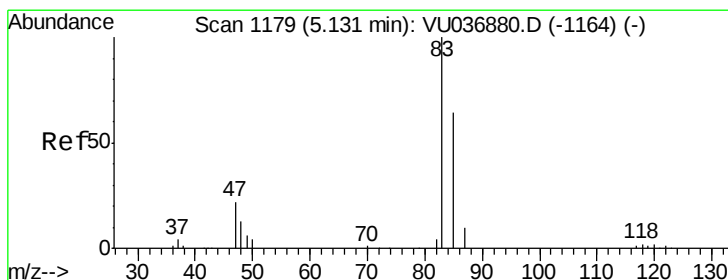
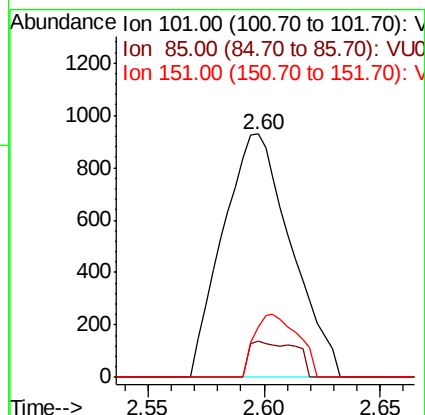
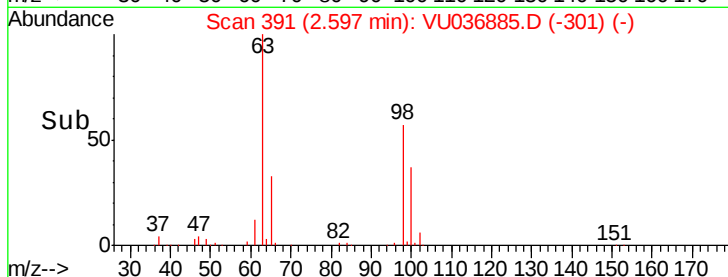
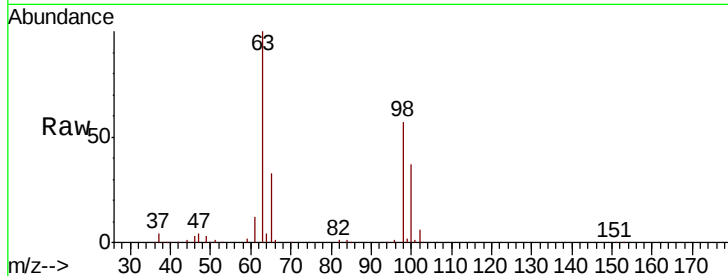
Tot Ion:101 Resp: 1898

Ion Ratio Lower Upper

101 100

85 6.5 36.4 54.6#

151 16.8 52.4 78.6#



#25

Chloroform

Concen: 1.702 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036885.D

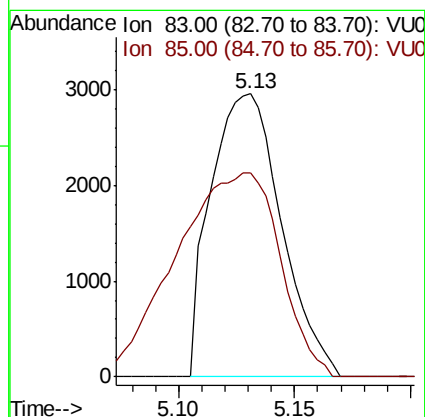
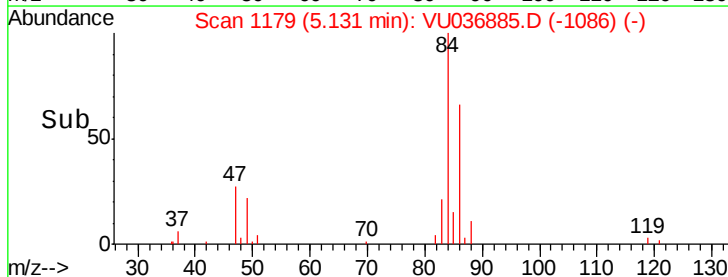
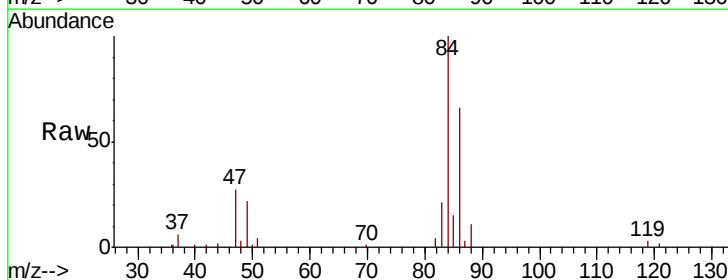
Acq: 24 Feb 2020 16:05

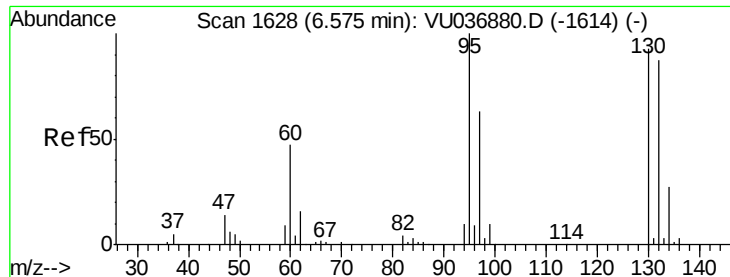
Tgt Ion: 83 Resp: 6259

Ion Ratio Lower Upper

83 100

85 71.9 45.1 83.9





#34

Trichloroethene

Concen: 89.146 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036885.D

Acq: 24 Feb 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 180684

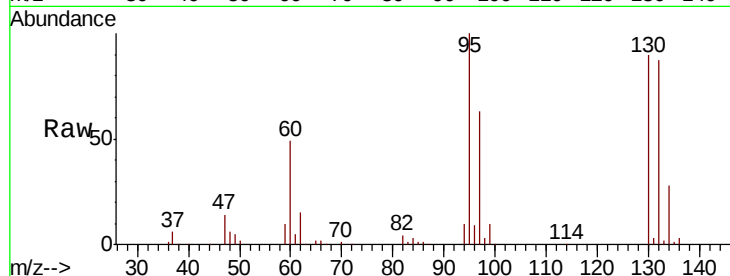
Ion Ratio Lower Upper

95 100

97 62.7 44.1 81.9

132 86.5 60.6 112.6

130 89.7 64.9 120.5

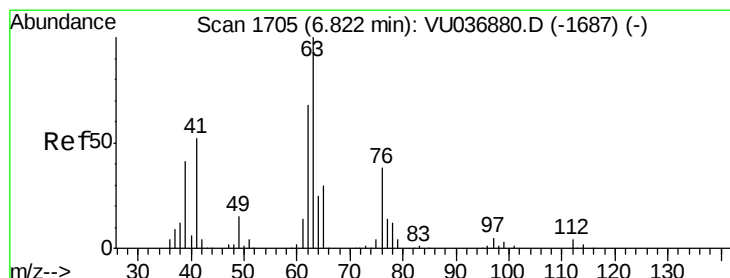
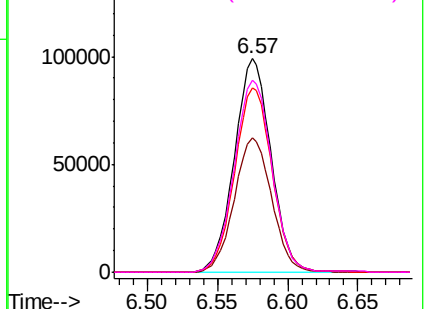
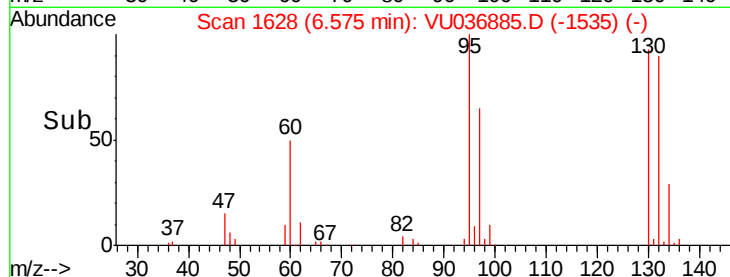


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.900 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036885.D

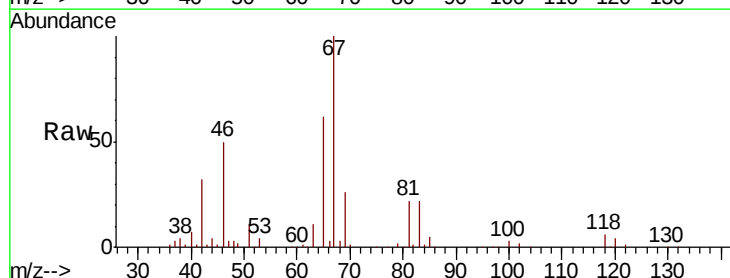
Acq: 24 Feb 2020 16:05

Tgt Ion: 63 Resp: 13100

Ion Ratio Lower Upper

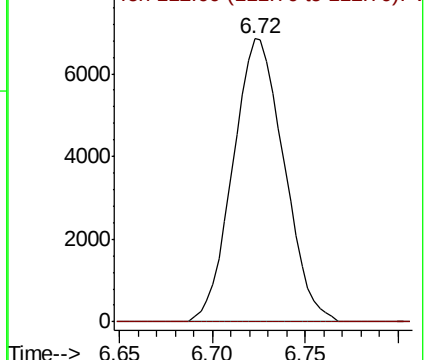
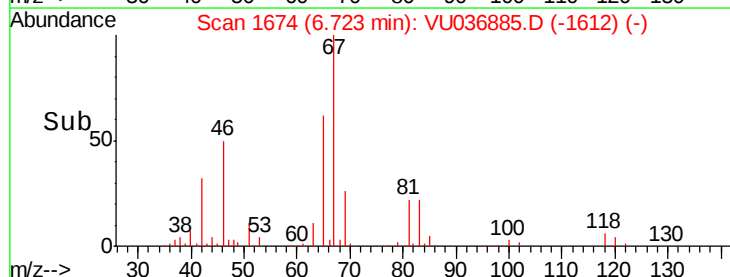
63 100

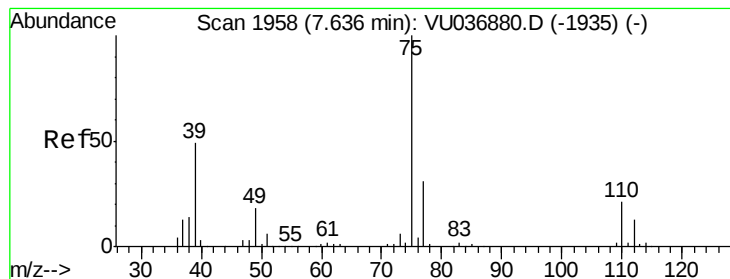
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



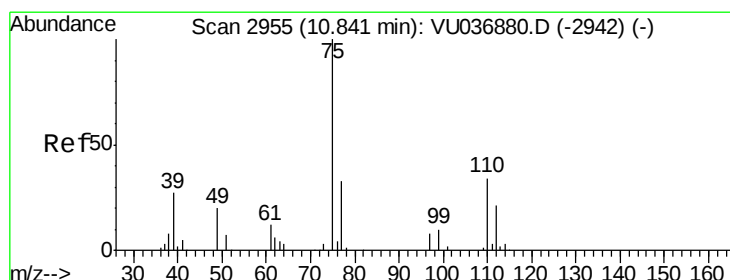
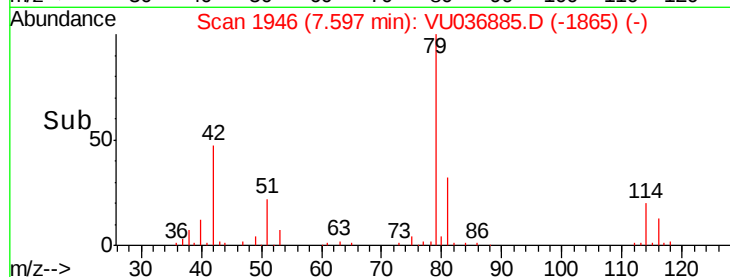
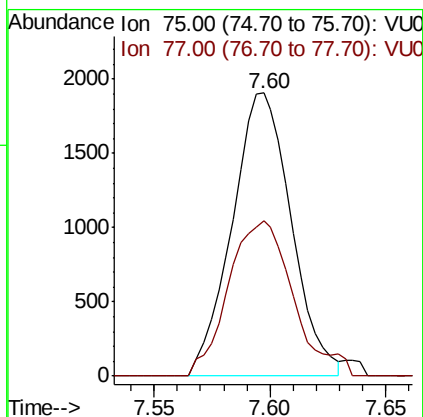
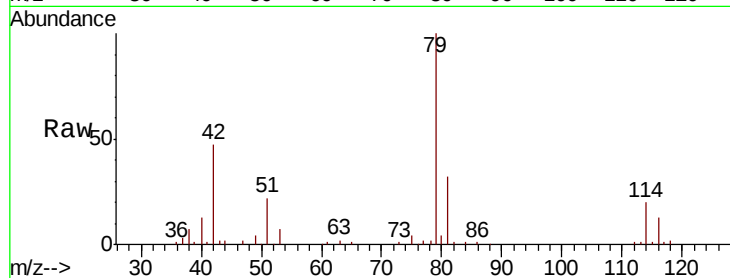


#39

cis-1,3-Dichloropropene
 Concen: 0.991 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036885.D
 Acq: 24 Feb 2020 16:05

Instrument :
 MSVOA_U
 ClientSampleId :

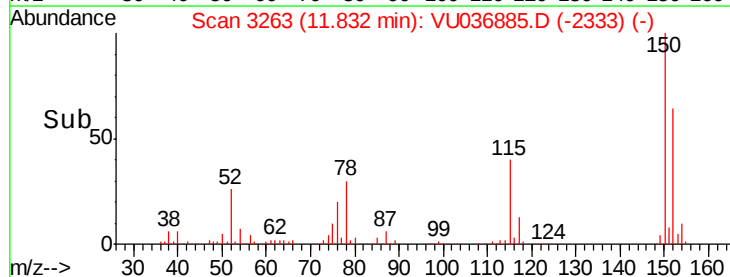
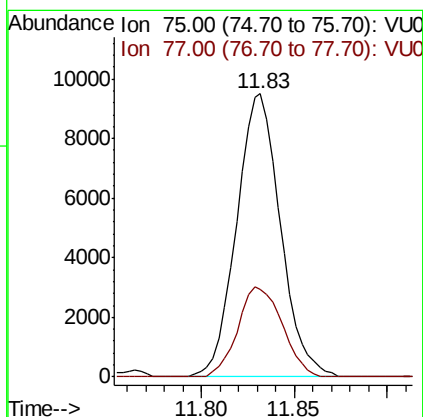
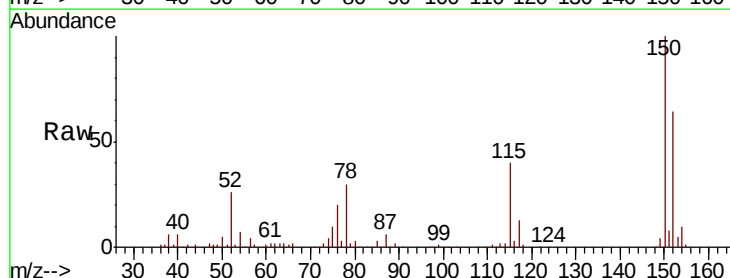
Tot Ion: 75 Resp: 3390
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.0 41.0#

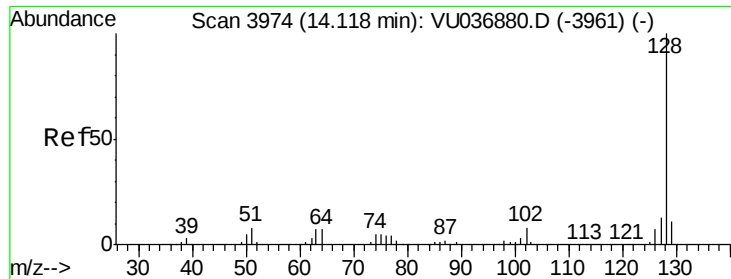


#59

1,2,3-Trichloropropane
 Concen: 5.484 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036885.D
 Acq: 24 Feb 2020 16:05

Tgt Ion: 75 Resp: 15663
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2





#69

Naphthalene

Concen: 0.925 ug/L

RT: 14.12 min Scan# 3976

Delta R.T. 0.01 min

Lab File: VU036885.D

Acq: 24 Feb 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

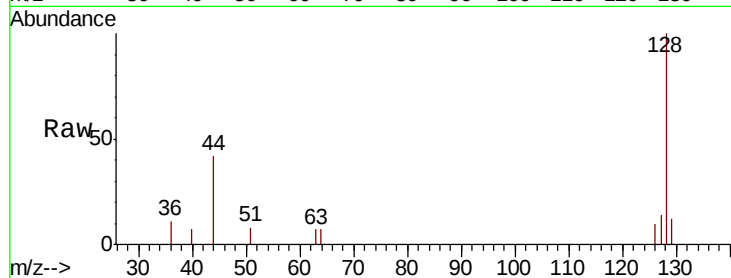
Tot Ion:128 Resp: 2529

Ion Ratio Lower Upper

128 100

127 9.8 11.0 16.4#

129 5.6 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

