

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036887.D
 Acq On : 24 Feb 2020 16:51
 Operator : JC/MD
 Sample : L1608-003DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:21:31 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	6.28	114	276014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108623	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.72%
7) Chloroethane-d5	1.93	69	92843	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.59	63	140739	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	4.67	46	159488	102.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.58%
24) Chloroform-d	5.11	84	168615	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.74	65	117486	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.76	84	376569	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.73	67	122558	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.92	98	341211	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	8.20	79	54152	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.66	63	118894	102.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	165357	49.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	98975	52.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.98%

Target Compounds

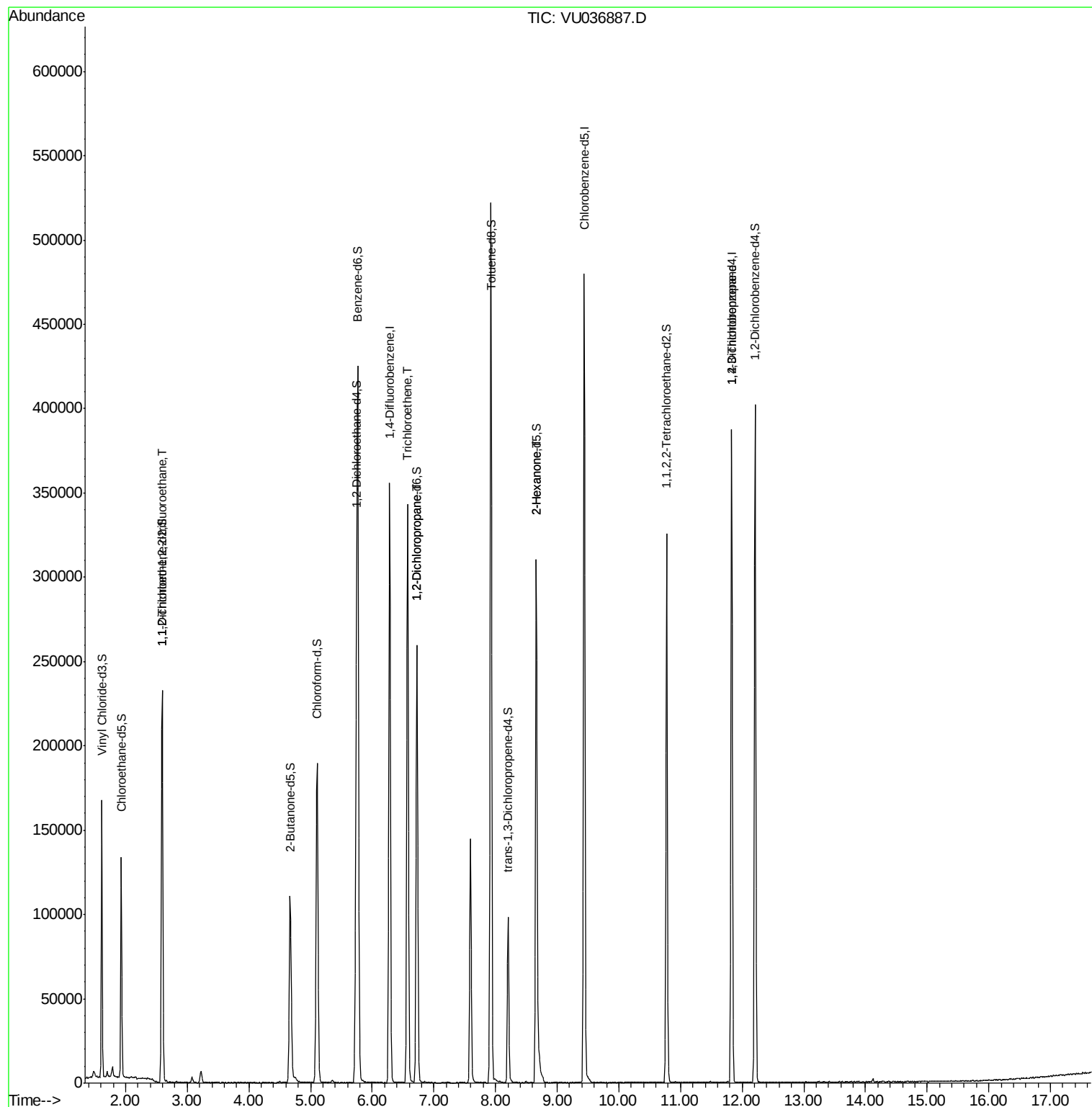
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1455	0.825 ug/L #	23
34) Trichloroethene	6.57	95	117829	59.672 ug/L	97
37) 1,2-Dichloropropane	6.72	63	13509	6.245 ug/L #	88
48) 2-Hexanone	8.66	43	12924	5.081 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	14982	5.384 ug/L	94

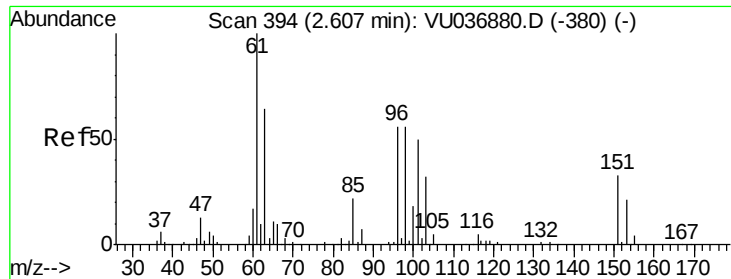
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.825 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036887.D

Acq: 24 Feb 2020 16:51

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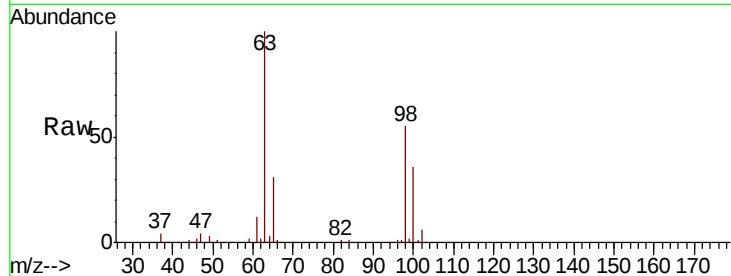
Tot Ion:101 Resp: 1455

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

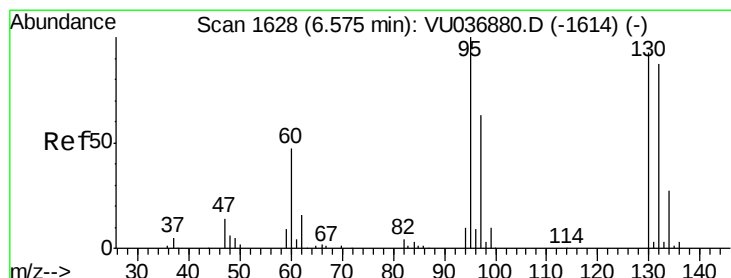
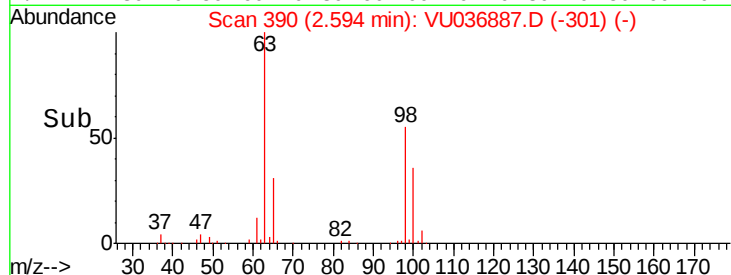
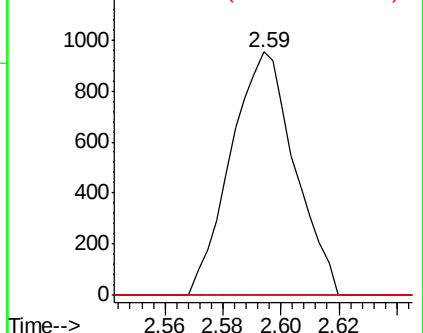
151 0.0 52.4 78.6#



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



#34

Trichloroethene

Concen: 59.672 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036887.D

Acq: 24 Feb 2020 16:51

Tgt Ion: 95 Resp: 117829

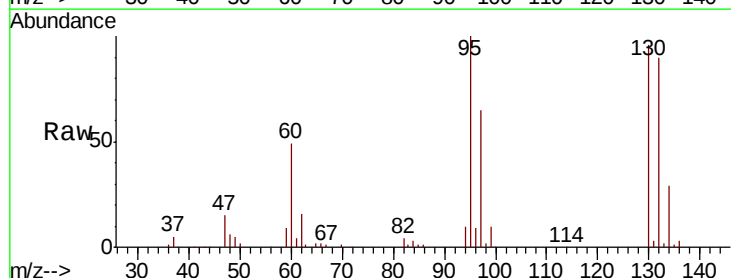
Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 89.7 60.6 112.6

130 95.6 64.9 120.5

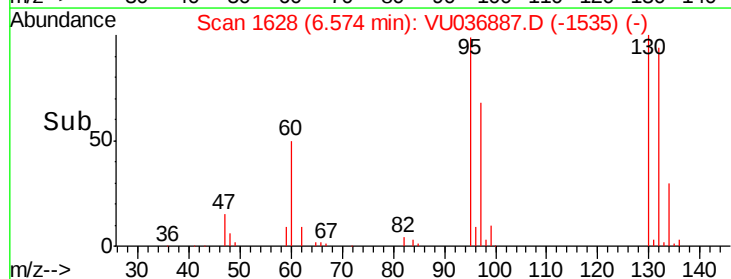
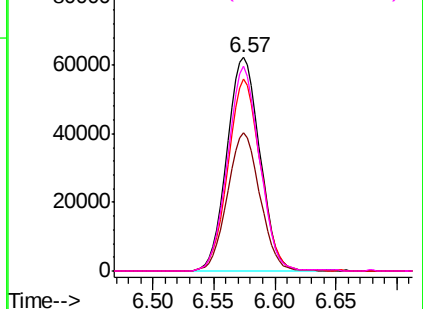


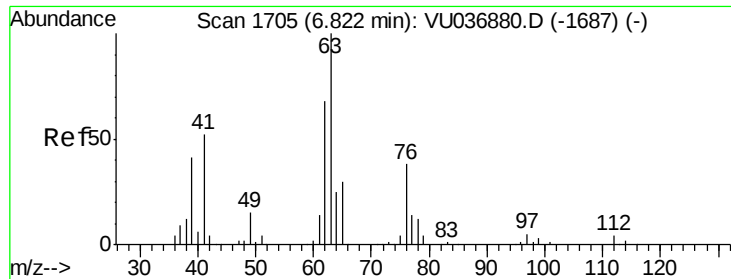
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

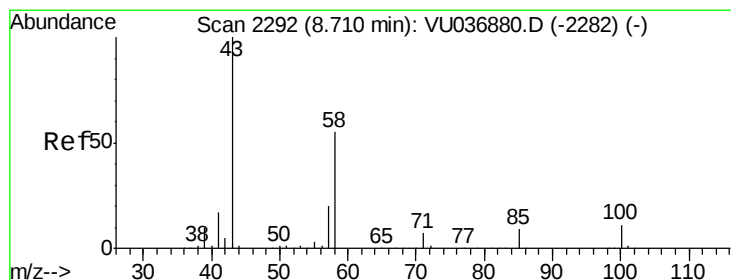
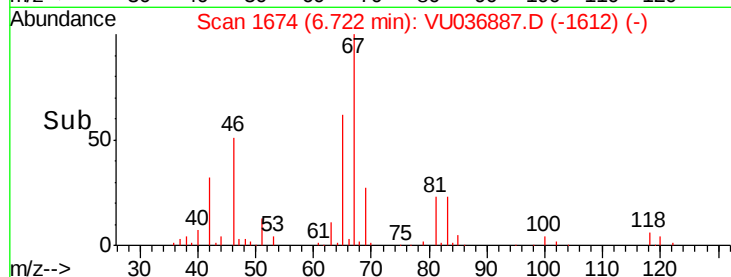
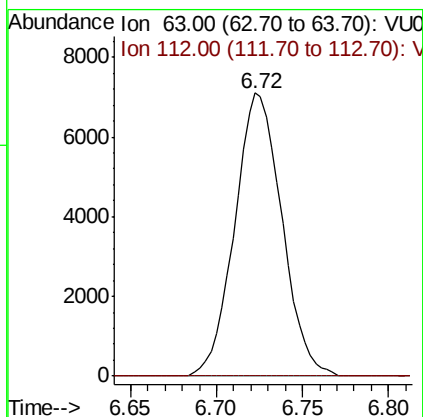
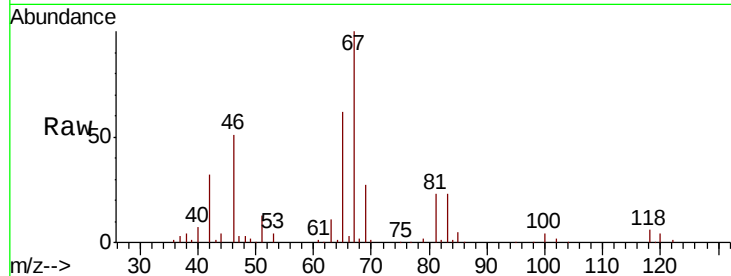




#37
 1,2-Dichloropropane
 Concen: 6.245 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036887.D
 Acq: 24 Feb 2020 16:51

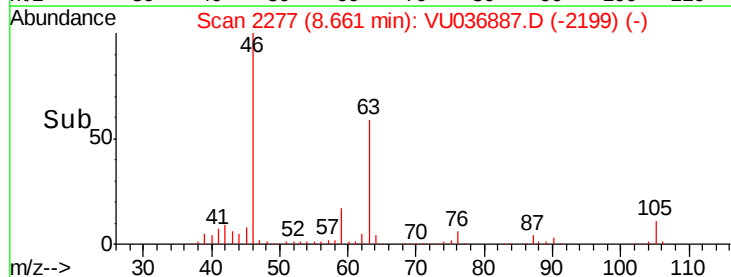
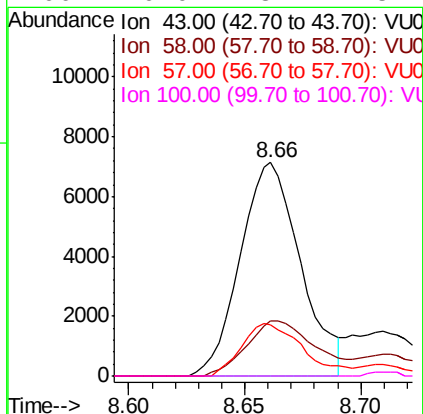
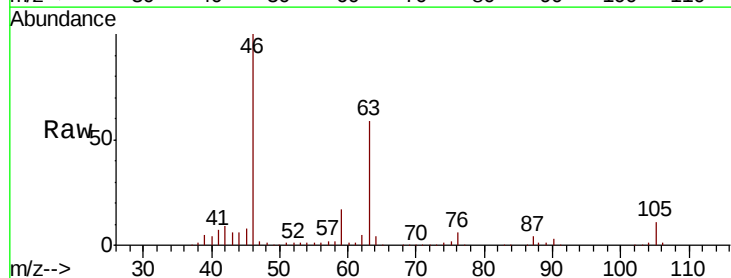
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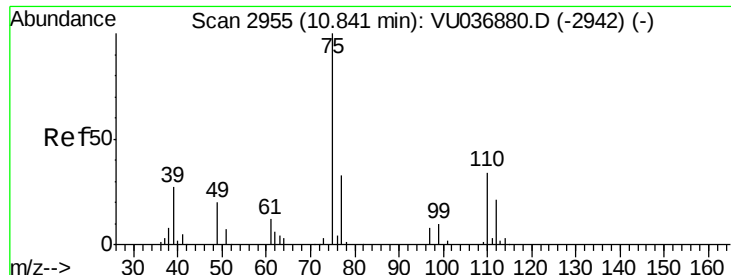
Tot Ion: 63 Resp: 13509
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 5.081 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU036887.D
 Acq: 24 Feb 2020 16:51

Tgt Ion: 43 Resp: 12924
 Ion Ratio Lower Upper
 43 100
 58 29.9 43.5 65.3#
 57 25.0 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.384 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036887.D

Acq: 24 Feb 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14982

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

