

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037195.D
 Acq On : 12 Mar 2020 17:44
 Operator : JC/MD
 Sample : L1784-15DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	411805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	395691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146647	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.02%
7) Chloroethane-d5	1.93	69	120397	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.59	63	210104	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.67	46	262960	104.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	5.11	84	289506	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.74	65	218494	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.76	84	535674	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.72	67	179930	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.92	98	492915	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	8.20	79	90816	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.66	63	190000	102.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	257242	46.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	183569	51.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.16%

Target Compounds

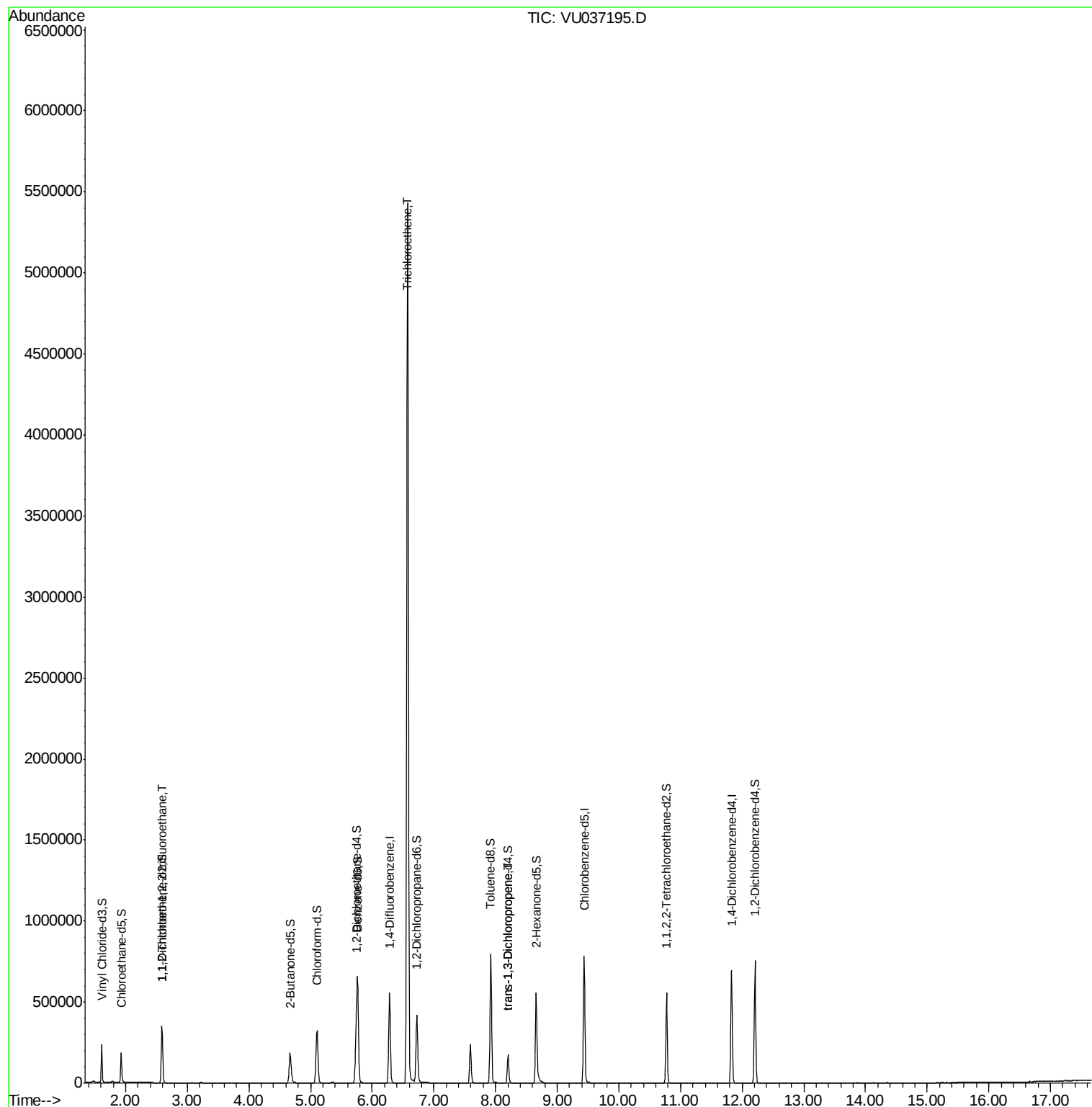
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2929	1.089	ug/L #	63
34) Trichloroethene	6.57	95	1788401	590.093	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	5151	1.061	ug/L #	80

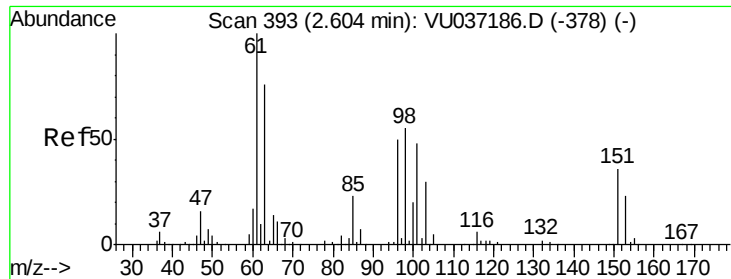
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.089 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037195.D

Acq: 12 Mar 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

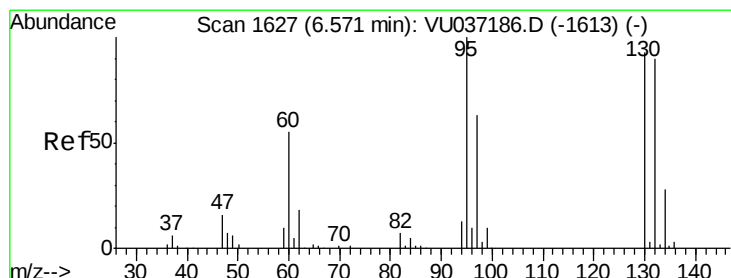
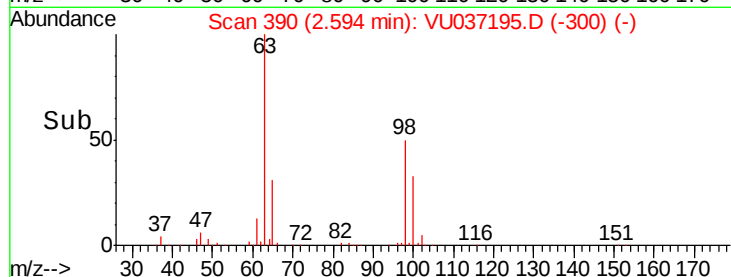
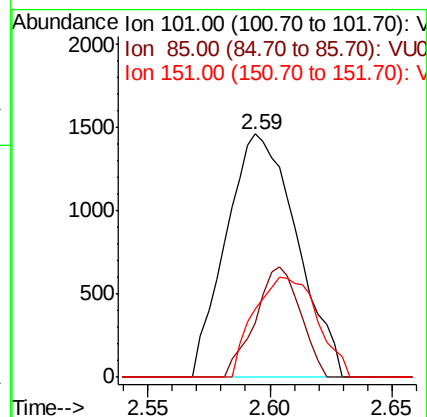
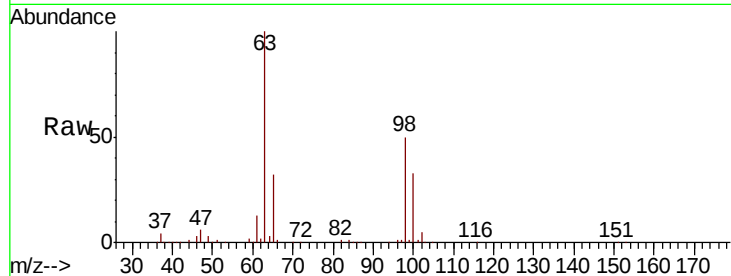
Tot Ion:101 Resp: 2929

Ion Ratio Lower Upper

101 100

85 29.1 37.8 56.6#

151 36.9 58.5 87.7#



#34

Trichloroethene

Concen: 590.093 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 1788401

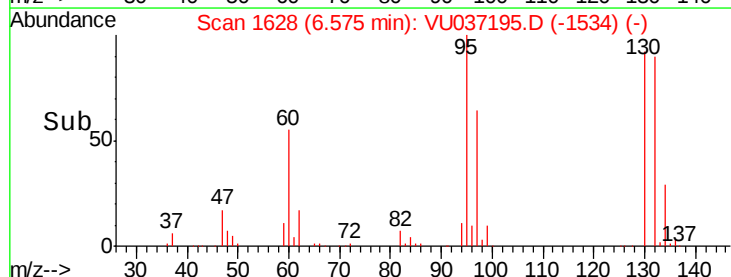
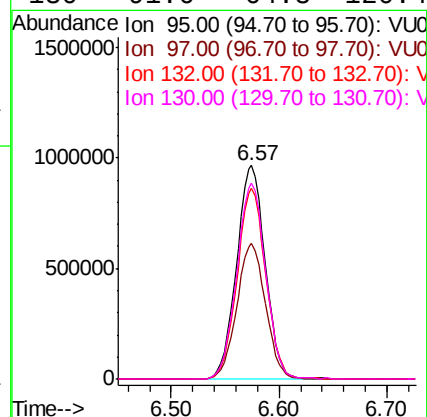
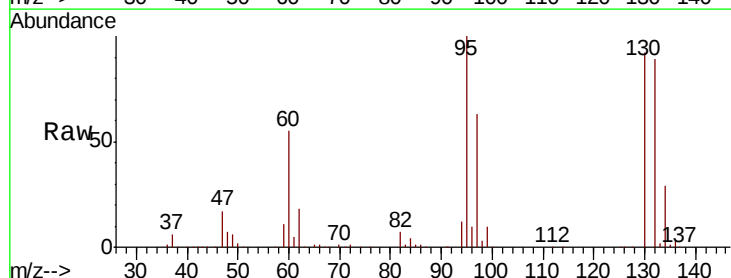
Ion Ratio Lower Upper

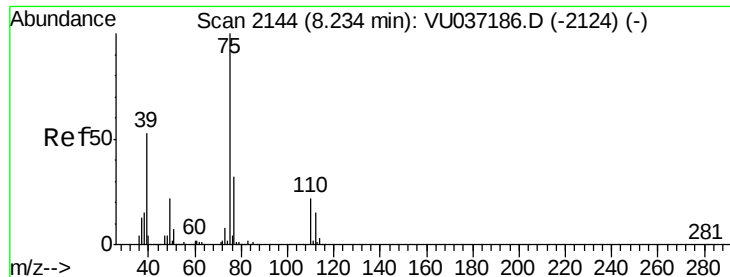
95 100

97 63.3 43.8 81.4

132 89.4 62.6 116.3

130 91.6 64.8 120.4





#44

trans-1,3-Dichloropropene

Concen: 1.061 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU037195.D

Acq: 12 Mar 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 5151

Ion Ratio Lower Upper

75 100

77 42.9 22.1 41.1#

