

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031451.D
 Acq On : 23 Apr 2019 20:39
 Operator : JC/SP
 Sample : K2477-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 08:44:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	726600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	664384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275130	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	265919	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.32%
7) Chloroethane-d5	1.68	69	208607	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.06%
11) 1,1-Dichloroethene-d2	2.27	63	388266	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
21) 2-Butanone-d5	4.19	46	461624	104.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.87%
24) Chloroform-d	4.64	84	447846	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
26) 1,2-Dichloroethane-d4	5.31	65	281427	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.34	84	973012	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	326031	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.58%
41) Toluene-d8	7.56	98	848087	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%
43) trans-1,3-Dichloropropene-	7.85	79	133236	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	8.31	63	329054	106.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	418457	49.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	288323	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

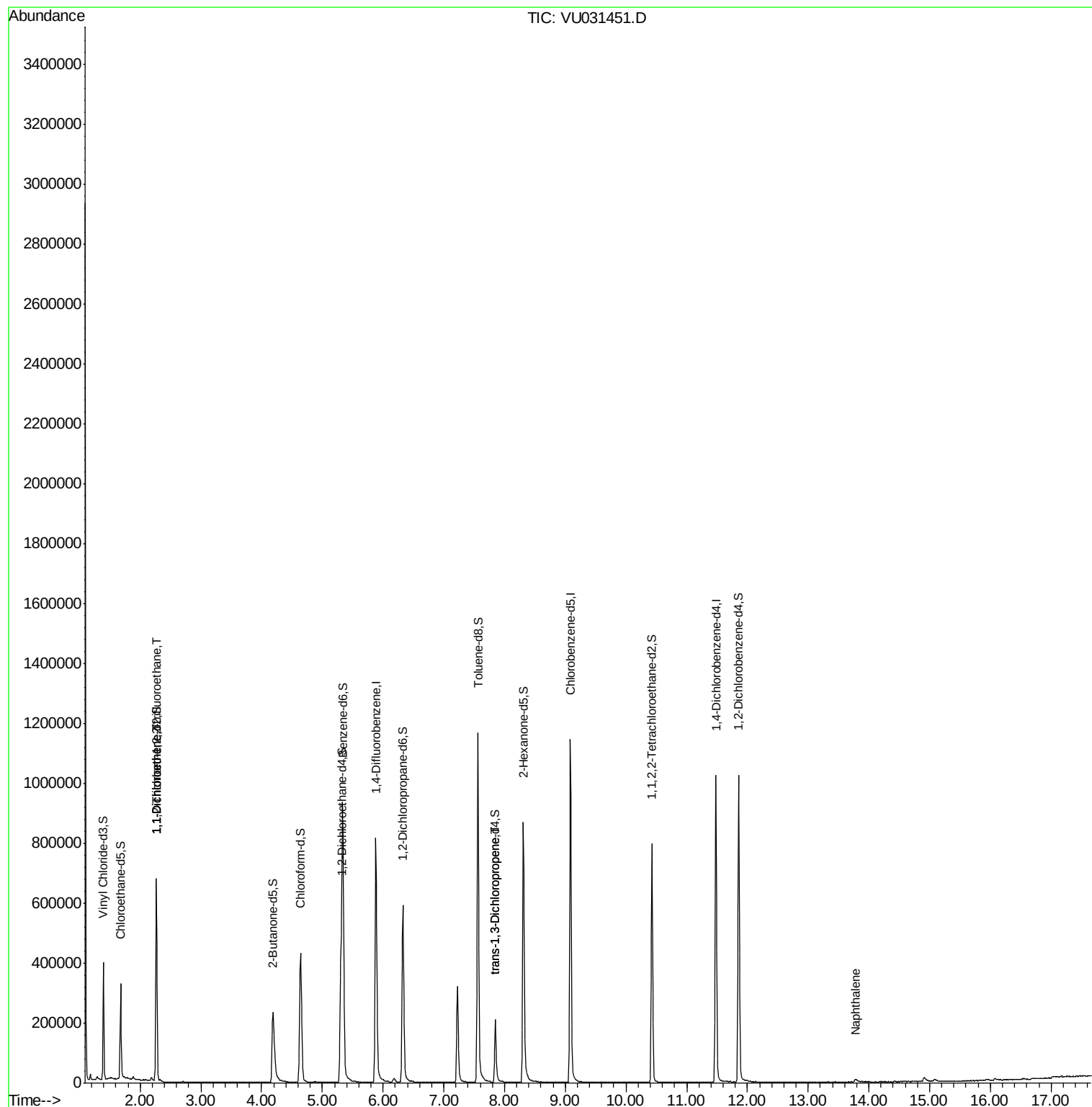
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3525	0.783 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2915	0.659 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4467	0.676 ug/L #	64
69) Naphthalene	13.78	128	16008	0.965 ug/L #	81

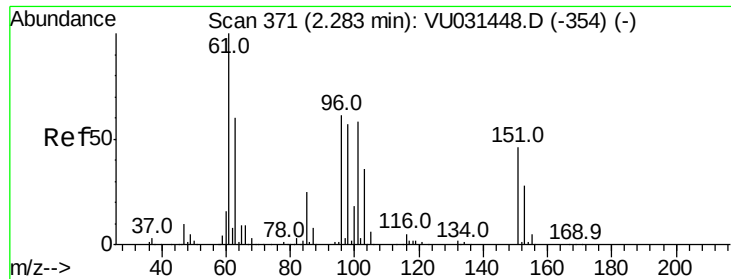
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.783 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031451.D

Acq: 23 Apr 2019 20:39

Instrument :

MSVOA_U

ClientSampled :

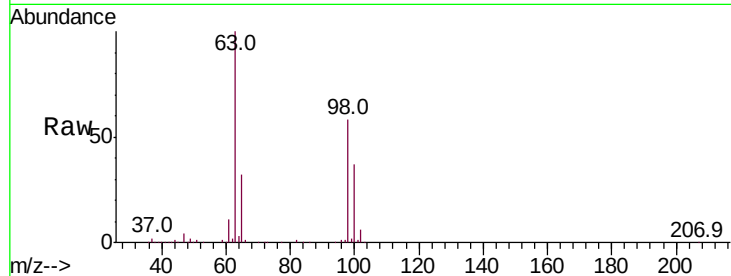
Tot Ion:101 Resp: 3525

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

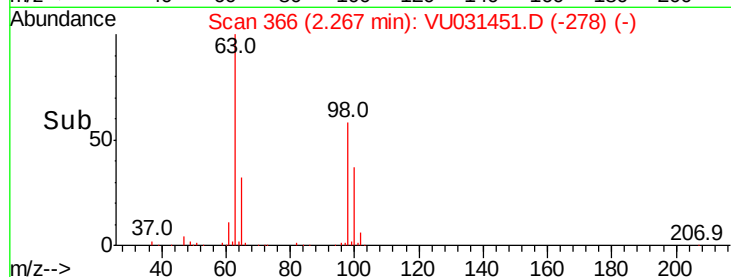
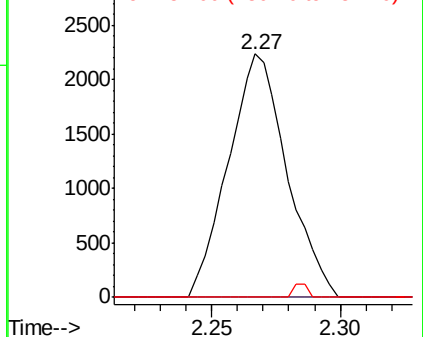
151 1.3 61.4 92.0#



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



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031451.D

Acq: 23 Apr 2019 20:39

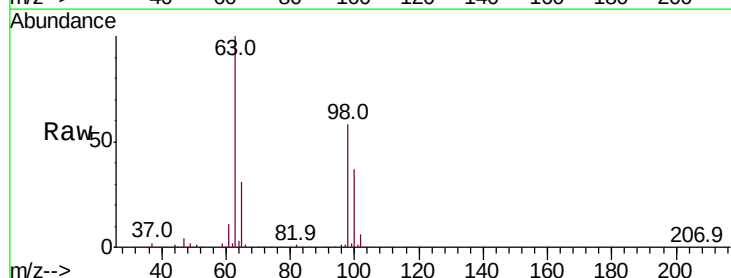
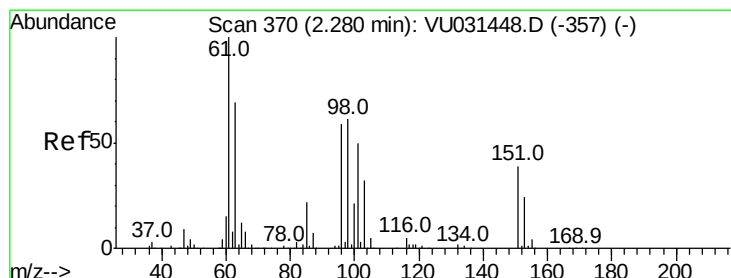
Tgt Ion: 96 Resp: 2915

Ion Ratio Lower Upper

96 100

61 1445.9 118.9 220.9#

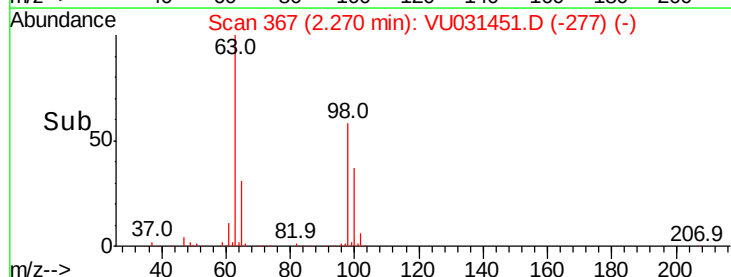
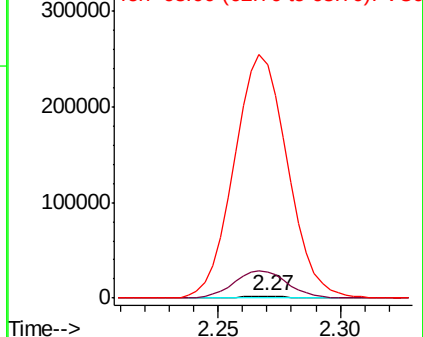
63 12769.9 99.3 184.3#

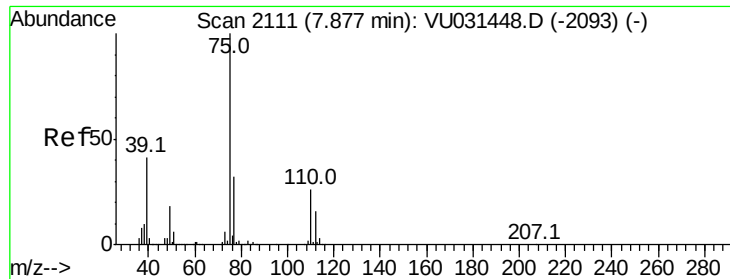


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.676 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031451.D

Acq: 23 Apr 2019 20:39

Instrument :

MSVOA_U

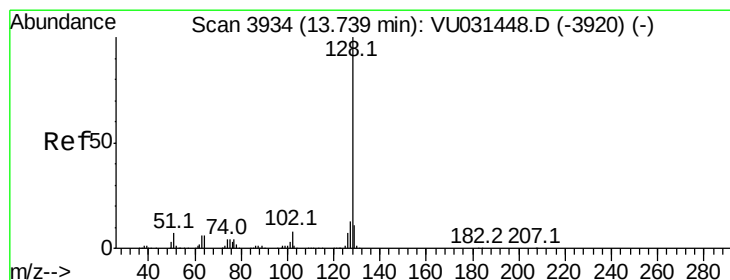
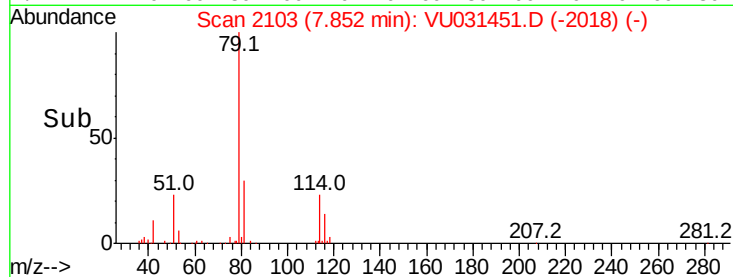
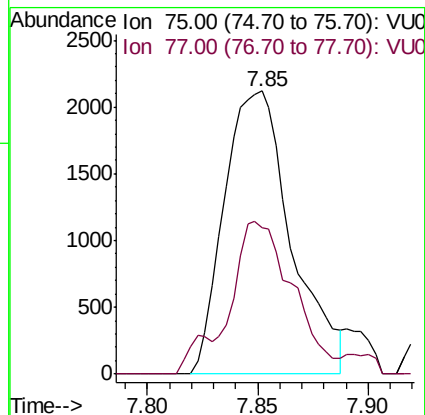
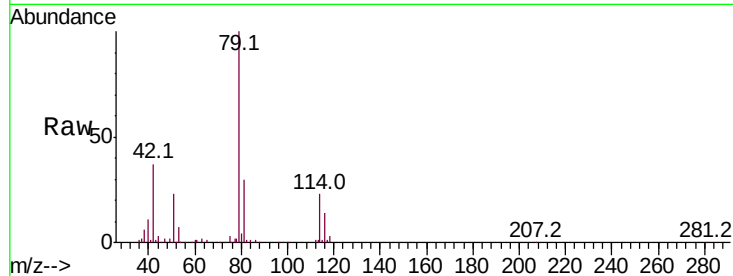
ClientSampled :

Tot Ion: 75 Resp: 4467

Ion Ratio Lower Upper

75 100

77 51.8 22.3 41.3#



#69

Naphthalene

Concen: 0.965 ug/L

RT: 13.78 min Scan# 3946

Delta R.T. 0.04 min

Lab File: VU031451.D

Acq: 23 Apr 2019 20:39

Tgt Ion: 128 Resp: 16008

Ion Ratio Lower Upper

128 100

127 5.8 10.2 15.4#

129 3.1 8.6 13.0#

