

Data File : VU031642.D
Acq On : 30 Apr 2019 18:26
Operator : JC/SP
Sample : K2593-11DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X75DL

Quant Time: May 01 01:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	674719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	655650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	303559	53.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.52%
7) Chloroethane-d5	1.68	69	218490	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.14%
11) 1,1-Dichloroethene-d2	2.27	63	442384	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	4.19	46	486035	95.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.64	84	502863	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.31	65	351744	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.34	84	992345	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.32	67	355285	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.32%
41) Toluene-d8	7.56	98	784319	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	7.85	79	135135	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	264017	86.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	432253	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	229589	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

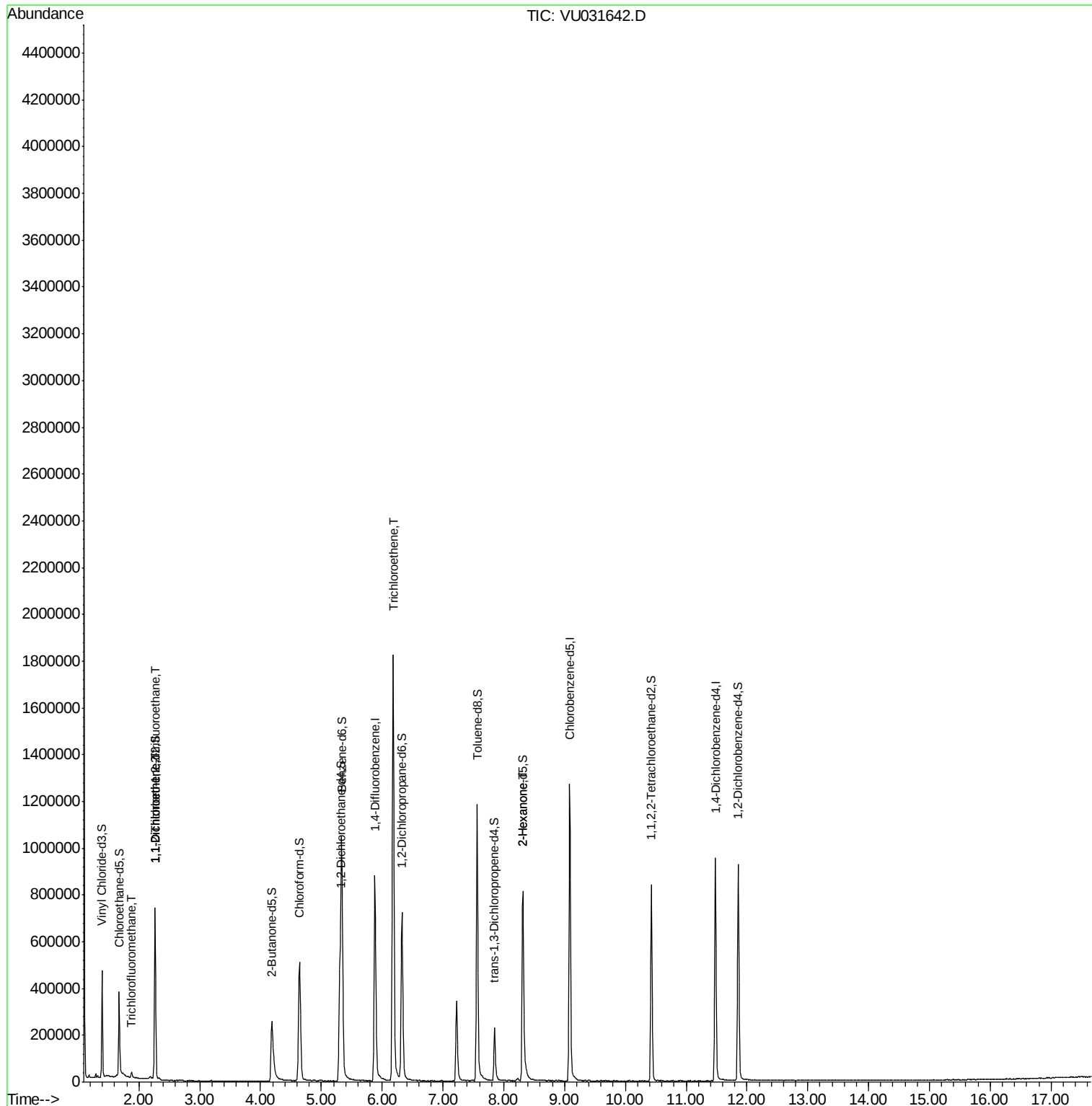
					Qvalue
9) Trichlorofluoromethane	1.88	101	8810	0.921 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3590	0.664 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	3223	0.612 ug/L #	1
34) Trichloroethene	6.18	95	672843	115.148 ug/L	94
48) 2-Hexanone	8.31	43	38623	4.536 ug/L #	75

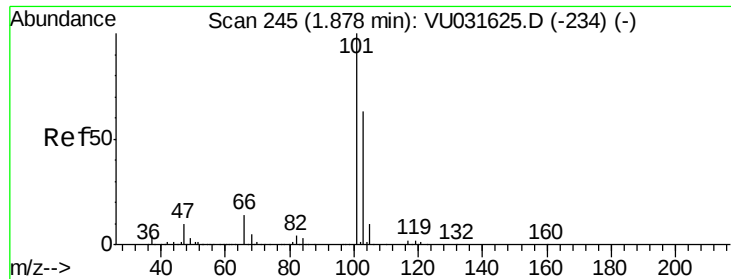
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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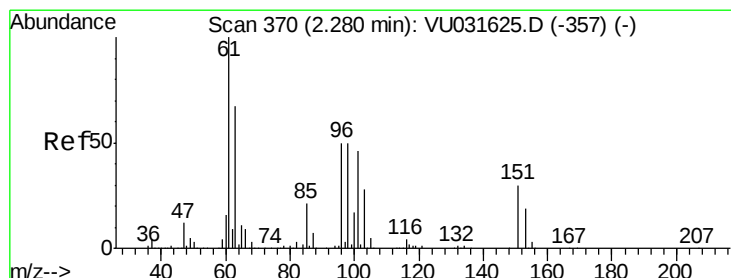
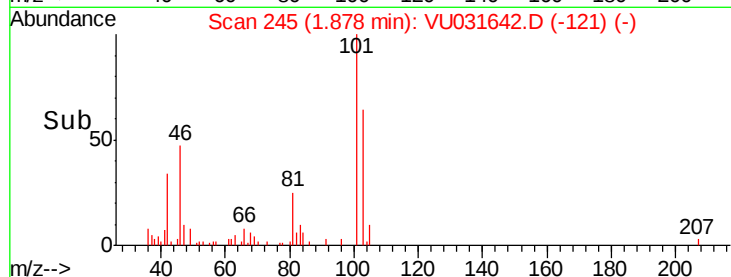
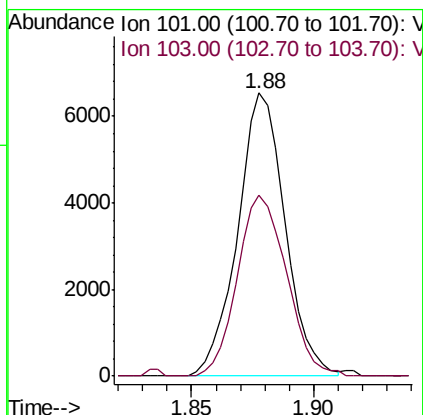
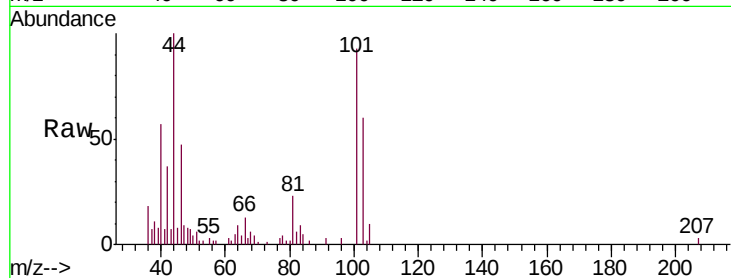


#9

Trichlorofluoromethane
Concen: 0.921 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU031642.D
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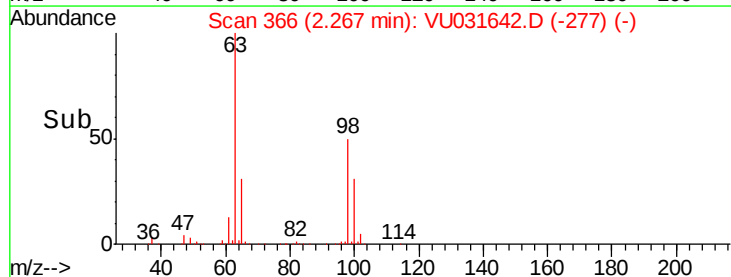
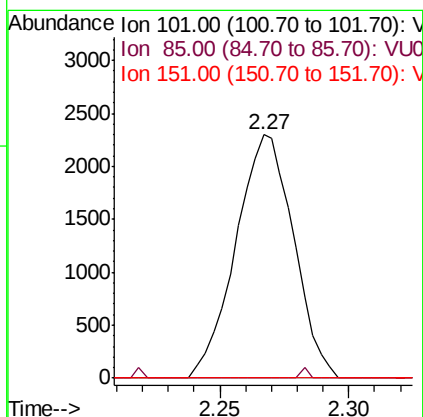
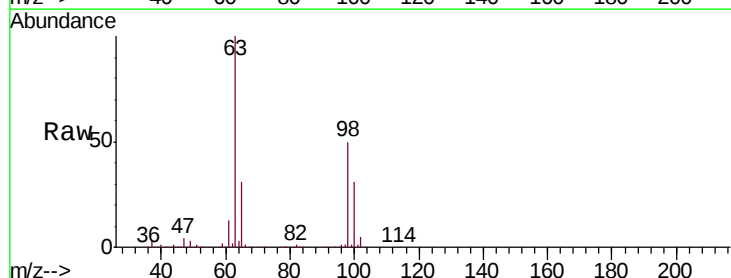
Tgt Ion:101 Resp: 8810
Ion Ratio Lower Upper
101 100
103 66.4 50.8 76.2

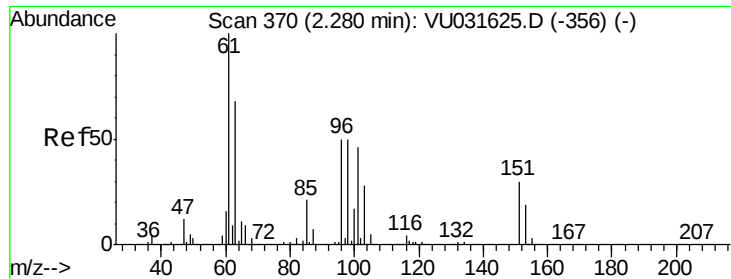


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.664 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031642.D
Acq: 30 Apr 2019 18:26

Tgt Ion:101 Resp: 3590
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.1 84.1#

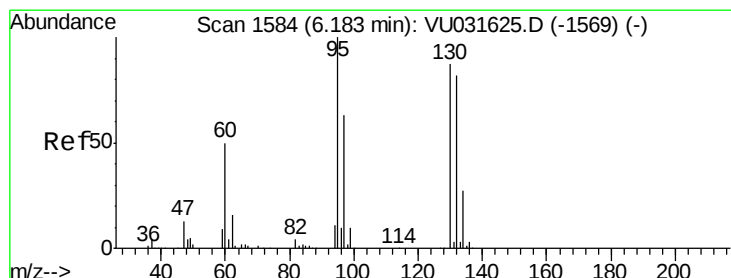
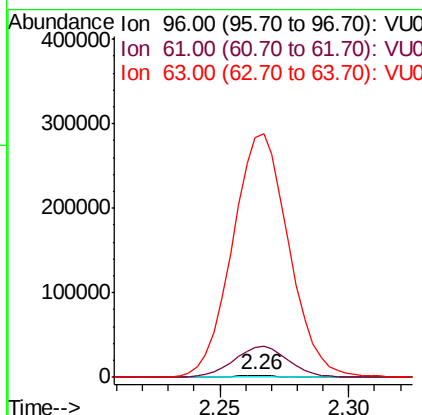
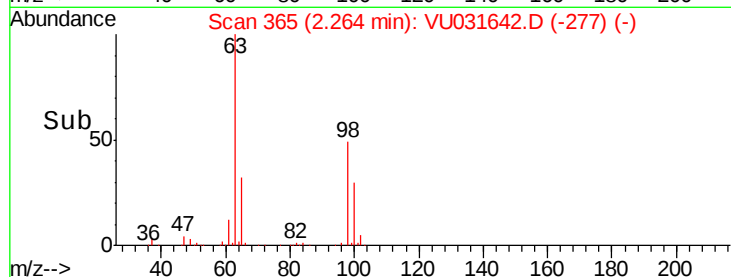
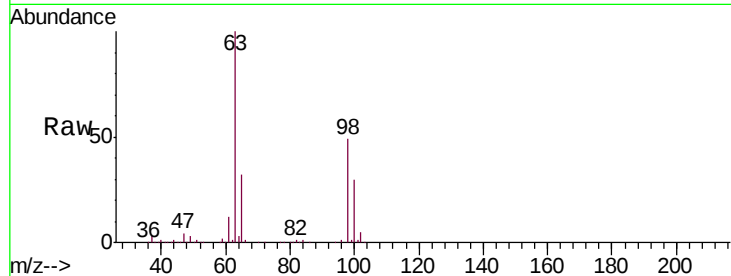




#12
 1,1-Dichloroethene
 Concen: 0.612 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VU031642.D
 Acq: 30 Apr 2019 18:26

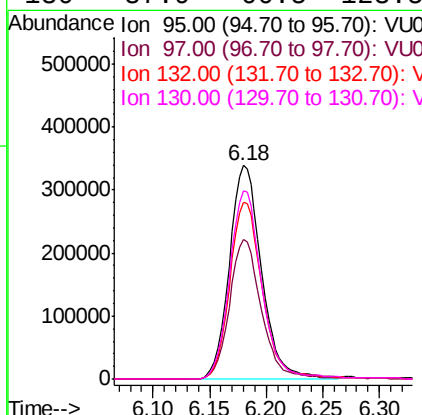
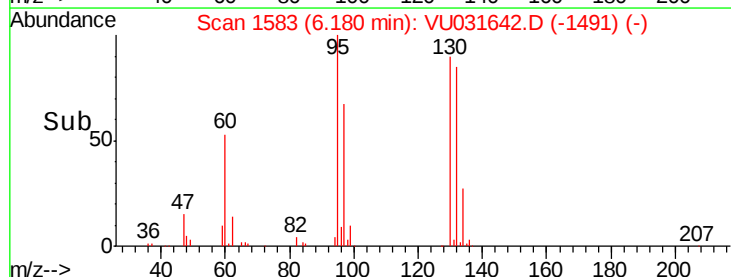
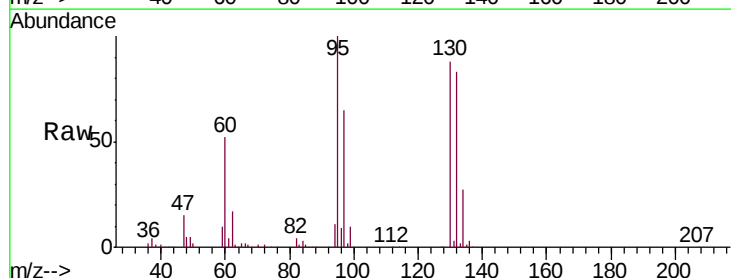
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X75DL

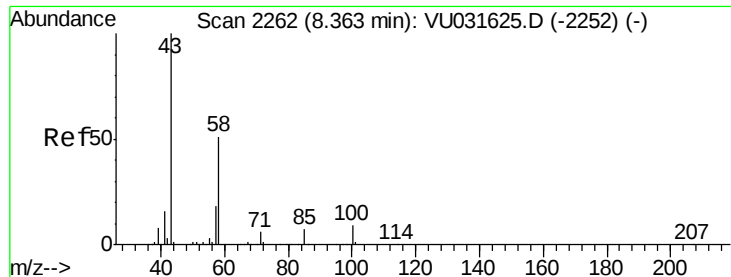
Tgt Ion: 96 Resp: 3223
 Ion Ratio Lower Upper
 96 100
 61 1566.7 135.0 250.6#
 63 12564.6 103.5 192.3#



#34
 Trichloroethene
 Concen: 115.148 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031642.D
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Tgt Ion: 95 Resp: 672843
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.8 83.2
 132 82.6 63.1 117.1
 130 87.9 66.5 123.5





#48

2-Hexanone

Concen: 4.536 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031642.D

Acq: 30 Apr 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

C0X75DL

Tgt Ion: 43 Resp: 38623

Ion Ratio Lower Upper

43 100

58 36.9 42.1 63.1#

57 33.8 14.6 22.0#

100 2.2 7.2 10.8#

