

Data File : VU032193.D
Acq On : 21 May 2019 12:37
Operator : JC/SP
Sample : VU0521WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: May 22 02:11:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	814307	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	817697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	348032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	254032	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.67	69	224924	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	363446	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.17	46	331653	101.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.64	84	482694	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.30	65	298101	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.33	84	1032292	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.32	67	303939	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.56	98	953945	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%
43) trans-1,3-Dichloropropene-	7.85	79	131957	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
47) 2-Hexanone-d5	8.31	63	268981	96.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	455016	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	364109	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

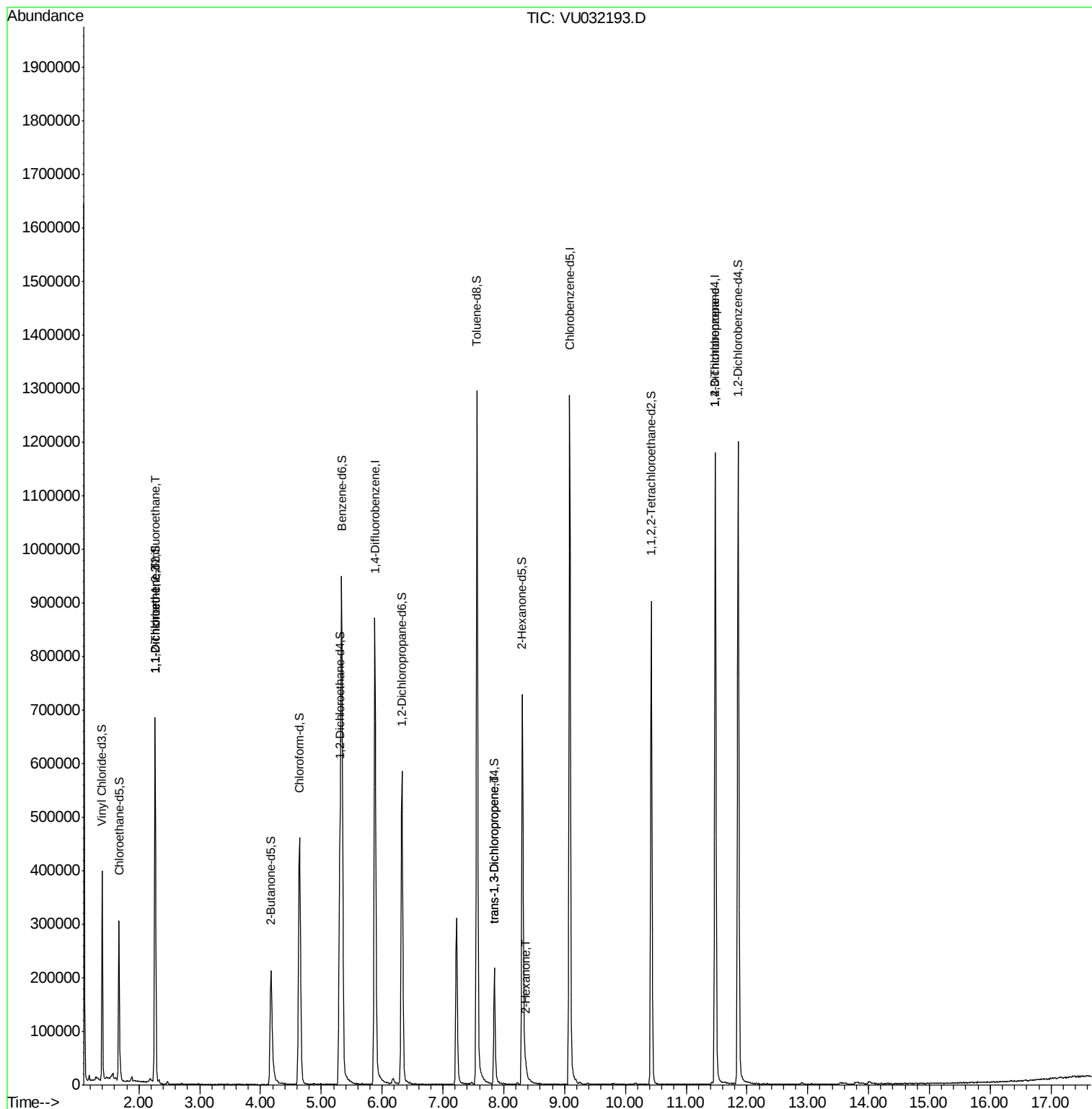
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4283	0.780 ug/L #	29
12) 1,1-Dichloroethene	2.26	96	3594	0.659 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5376	0.691 ug/L	98
48) 2-Hexanone	8.37	43	8905	1.632 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	35038	4.544 ug/L	92

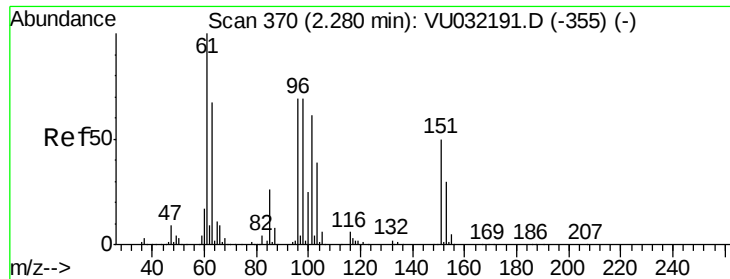
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.780 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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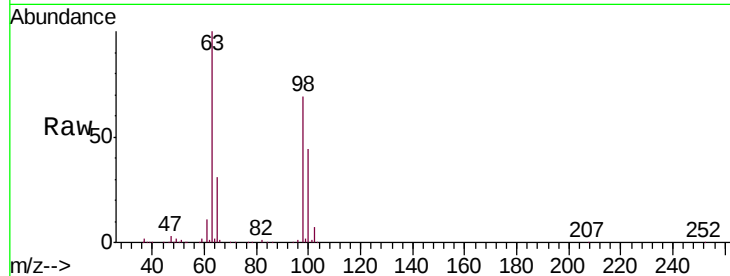
Tgt Ion: 101 Resp: 4283

Ion Ratio Lower Upper

101 100

85 6.7 32.5 48.7#

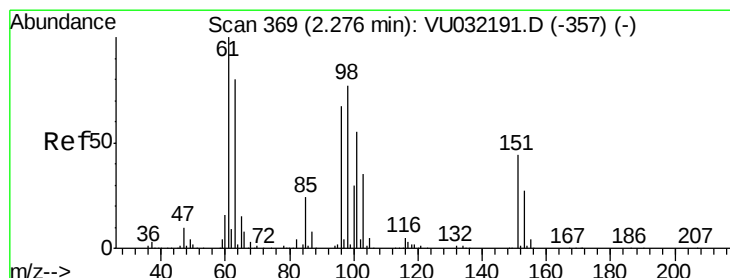
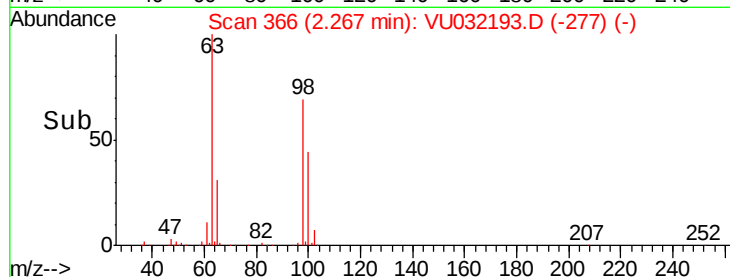
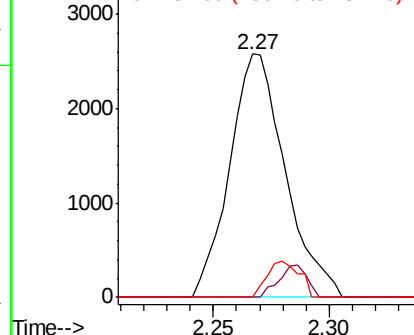
151 8.7 63.1 94.7#



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: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032193.D

Acq: 21 May 2019 12:37

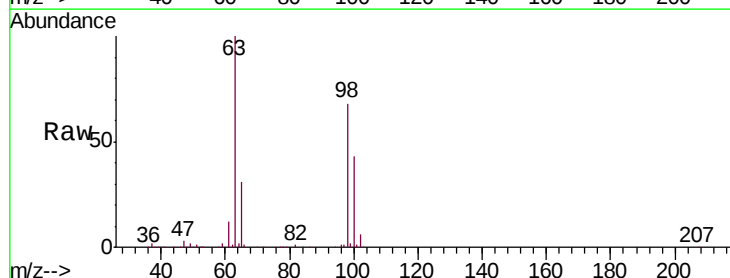
Tgt Ion: 96 Resp: 3594

Ion Ratio Lower Upper

96 100

61 1154.0 103.7 192.7#

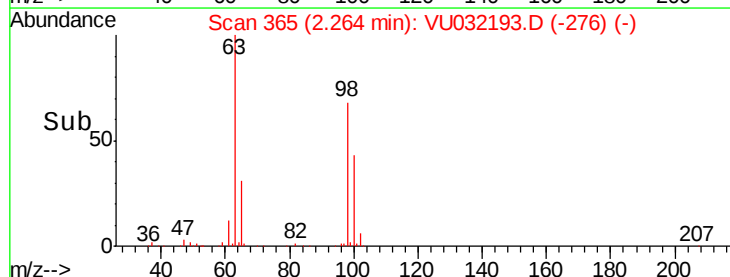
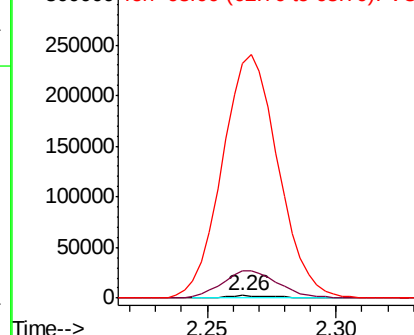
63 9976.6 83.3 154.7#

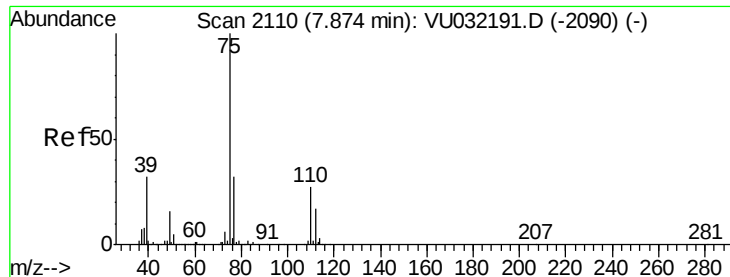


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

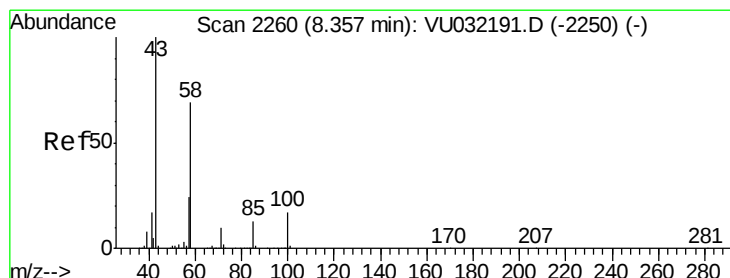
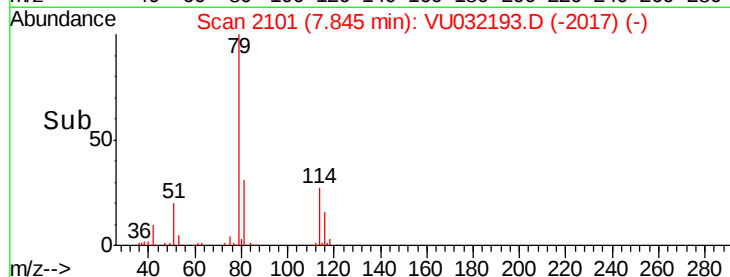
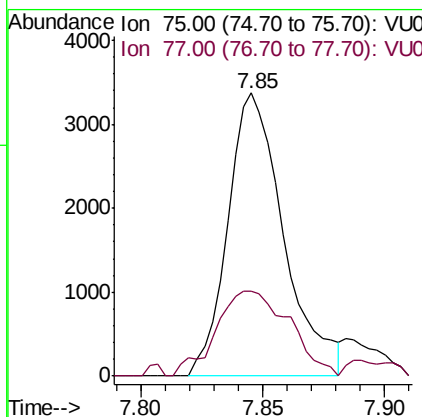
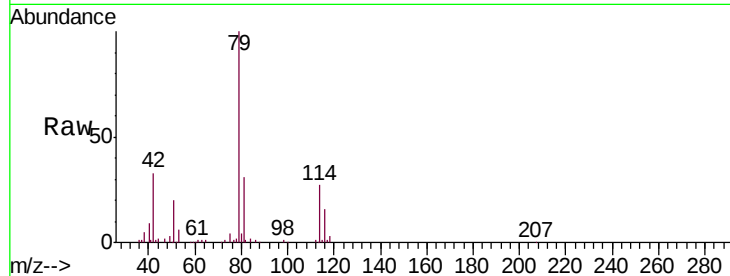




#44
trans-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
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Acq: 21 May 2019 12:37

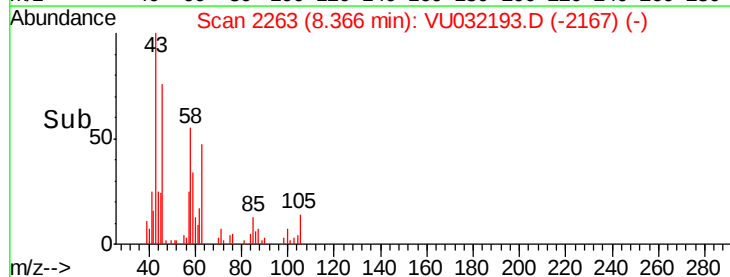
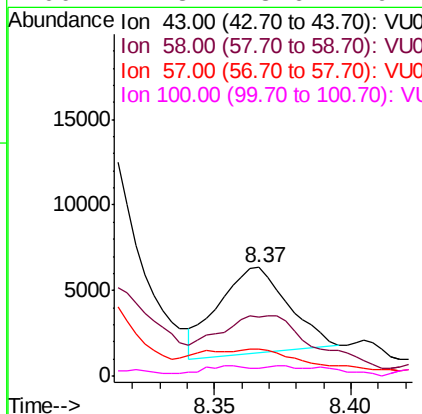
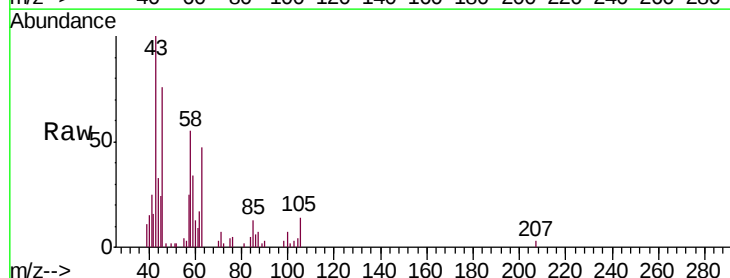
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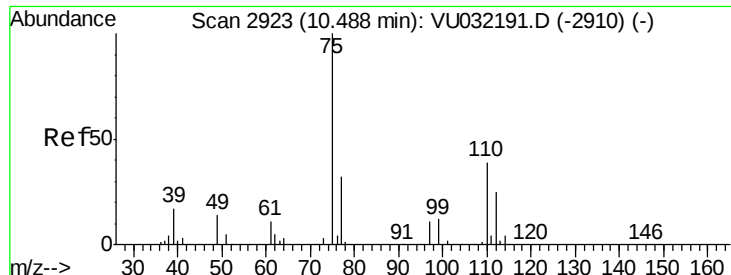
Tgt Ion: 75 Resp: 5376
Ion Ratio Lower Upper
75 100
77 30.2 21.8 40.4



#48
2-Hexanone
Concen: 1.632 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032193.D
Acq: 21 May 2019 12:37

Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 18.3 54.1 81.1#
57 0.0 19.4 29.0#
100 1.3 13.6 20.4#





#59

1,2,3-Trichloropropane

Concen: 4.544 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032193.D

Acq: 21 May 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

Tgt Ion: 75 Resp: 35038

Ion Ratio Lower Upper

75 100

77 37.2 26.0 39.0

