

Data File : VU032201.D
Acq On : 21 May 2019 15:45
Operator : JC/SP
Sample : K2862-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ4

Quant Time: May 22 02:12:41 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	803591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	793810	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	333549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	265342	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.24%
7) Chloroethane-d5	1.67	69	233728	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.34%
11) 1,1-Dichloroethene-d2	2.27	63	385340	38.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.22%
21) 2-Butanone-d5	4.17	46	332257	102.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.73%
24) Chloroform-d	4.64	84	511471	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	5.31	65	314401	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.34	84	1089777	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
36) 1,2-Dichloropropane-d6	6.32	67	312843	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.56	98	997683	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%
43) trans-1,3-Dichloropropene-	7.85	79	140445	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	251692	93.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	473629	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	373420	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3979	0.735	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3249	0.603	ug/L #	1
13) Acetone	2.32	43	8835	2.683	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	5481	0.726	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	33011	4.410	ug/L #	86

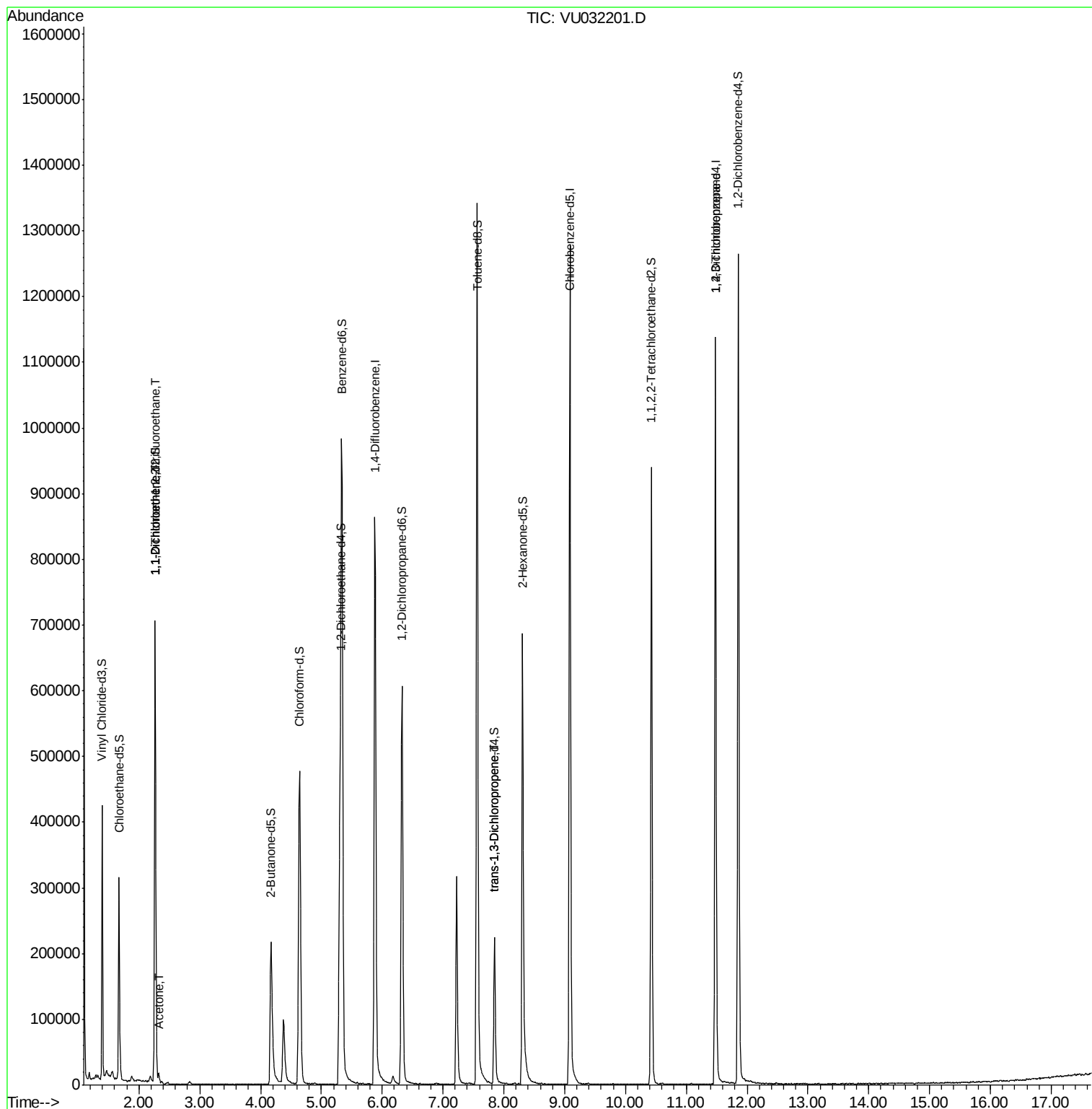
(#) = qualifier out of range (m) = manual integration (+) = signals summed

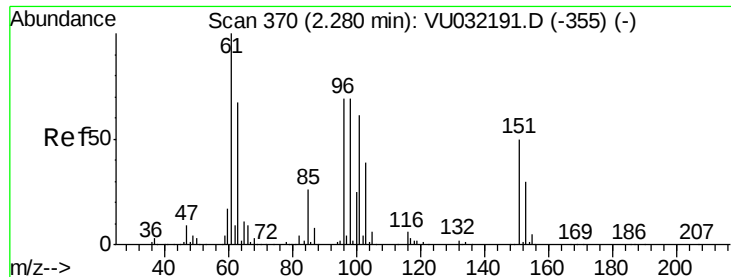
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#10

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

Concen: 0.735 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032201.D

Acq: 21 May 2019 15:45

Instrument :

MSVOA_U

ClientSampled :

BFHJ4

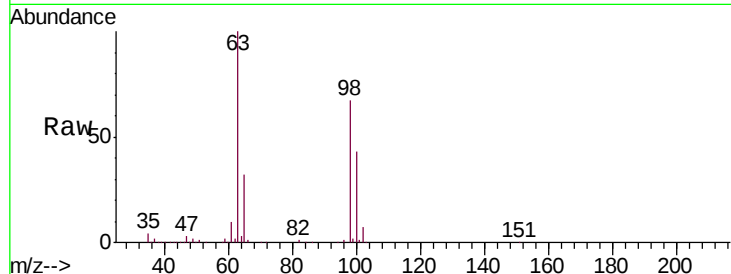
Tgt Ion:101 Resp: 3979

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

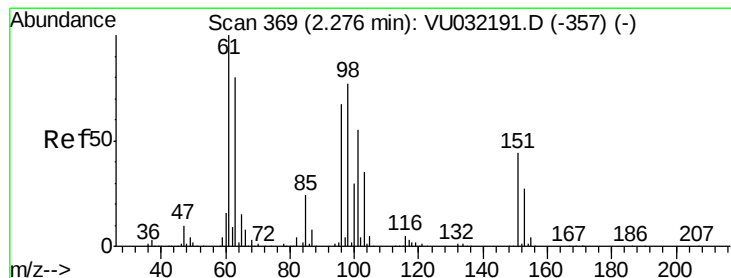
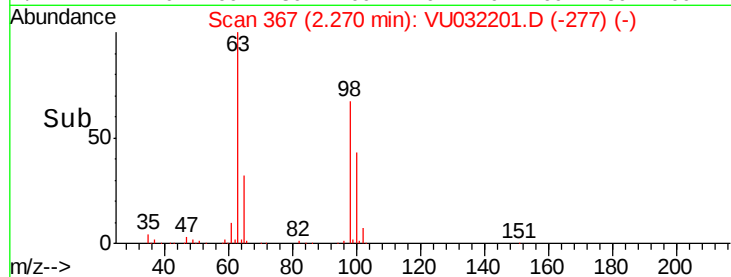
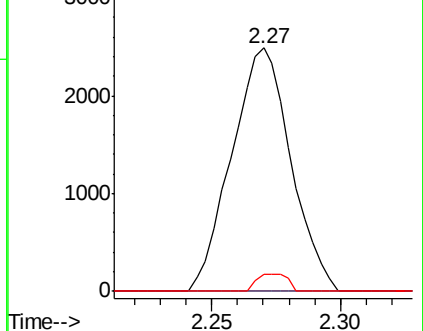
151 3.7 63.1 94.7#



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: 0.603 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032201.D

Acq: 21 May 2019 15:45

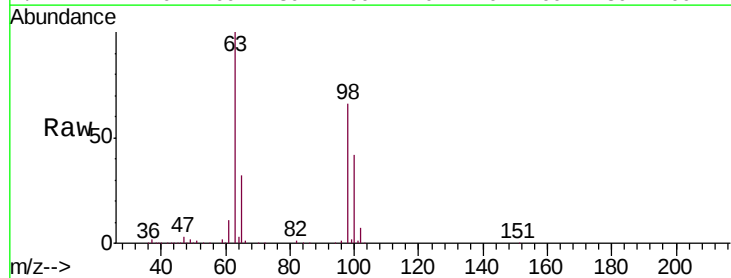
Tgt Ion: 96 Resp: 3249

Ion Ratio Lower Upper

96 100

61 1358.5 103.7 192.7#

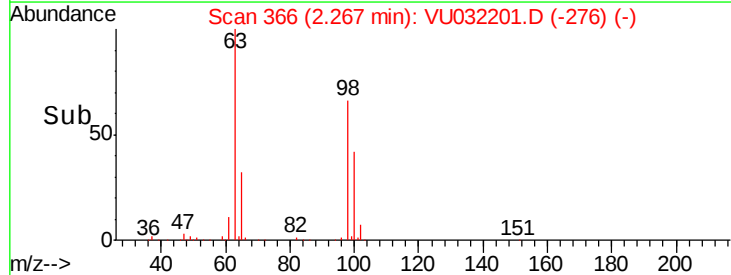
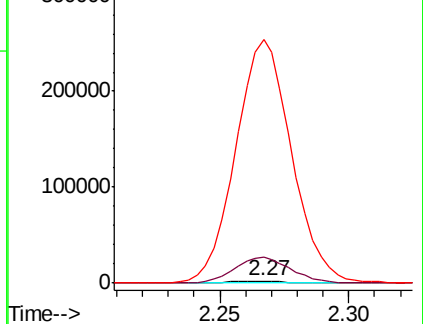
63 12881.2 83.3 154.7#

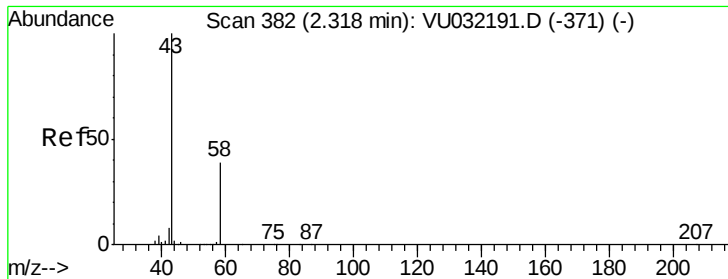


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.683 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032201.D

Acq: 21 May 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

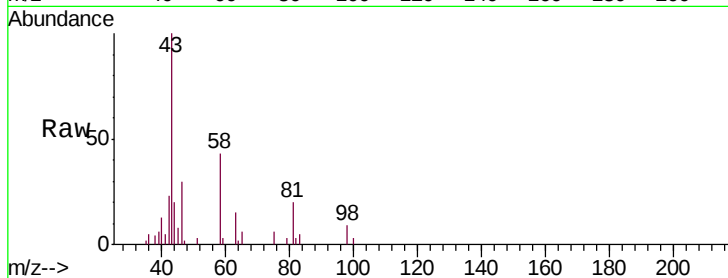
BFHJ4

Tgt Ion: 43 Resp: 8835

Ion Ratio Lower Upper

43 100

58 38.8 0.0 76.8

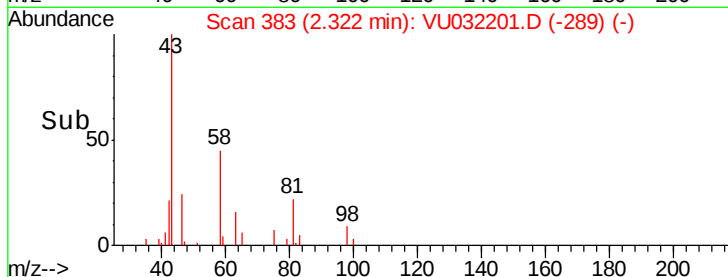


Abundance Ion 43.00 (42.70 to 43.70): VU032191.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU032191.D (-371) (-)

2.32

Time-->

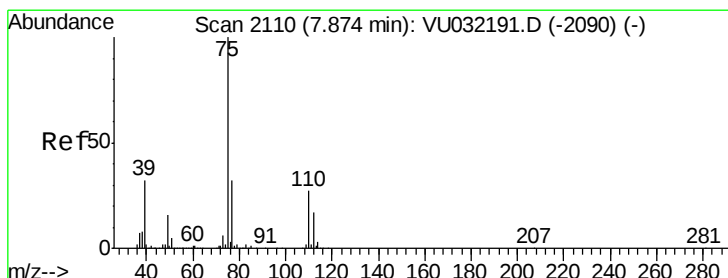


Abundance Ion 43.00 (42.70 to 43.70): VU032201.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032201.D (-289) (-)

2.32

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.726 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032201.D

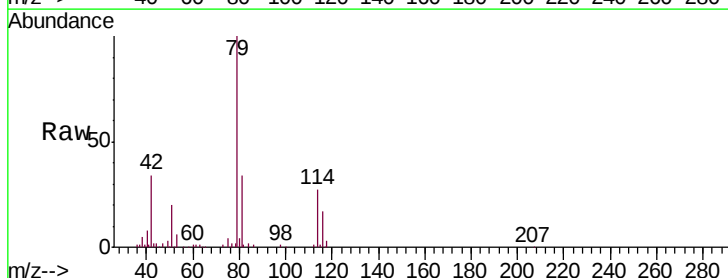
Acq: 21 May 2019 15:45

Tgt Ion: 75 Resp: 5481

Ion Ratio Lower Upper

75 100

77 40.7 21.8 40.4#

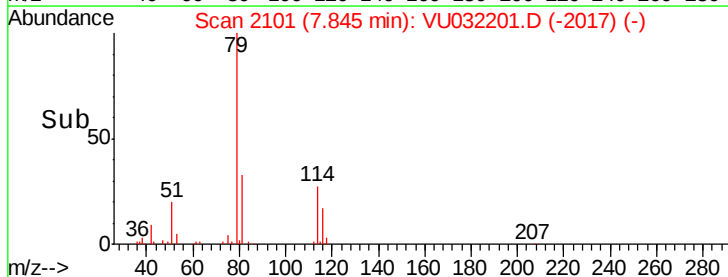


Abundance Ion 75.00 (74.70 to 75.70): VU032191.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032191.D (-2090) (-)

7.85

Time-->

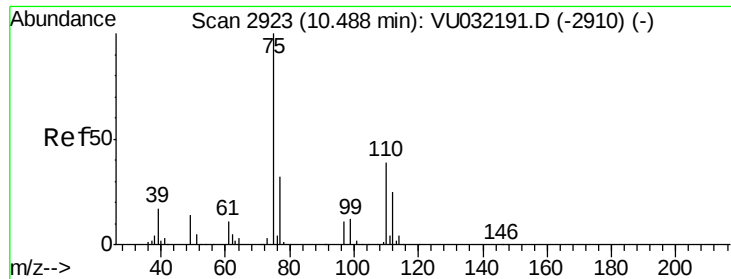


Abundance Ion 75.00 (74.70 to 75.70): VU032201.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032201.D (-2017) (-)

7.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.410 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032201.D

Acq: 21 May 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

BFHJ4

Tgt Ion: 75 Resp: 33011

Ion Ratio Lower Upper

75 100

77 40.5 26.0 39.0#

