

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032335.D
 Acq On : 28 May 2019 17:47
 Operator : JC/SP
 Sample : K3049-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHJ1

Quant Time: May 29 05:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	673066	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	659650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	260008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186325	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.67	69	174991	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.27	63	263461	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	4.17	46	448312	137.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.31%#
24) Chloroform-d	4.64	84	416006	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.30	65	264825	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
32) Benzene-d6	5.34	84	808335	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.32	67	269815	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	7.56	98	685185	42.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.88%
43) trans-1,3-Dichloropropene-	7.85	79	103280	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.31	63	300622	133.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.41%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450652	54.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	270566	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%

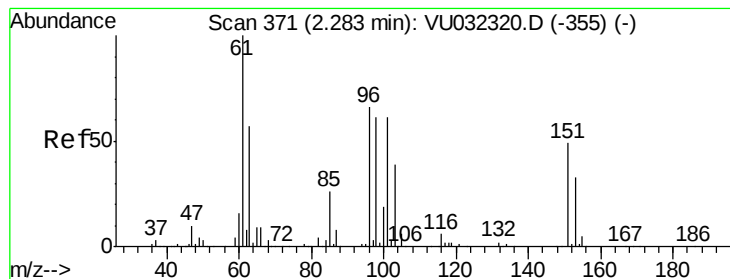
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2924	0.684 ug/L	# 20
13) Acetone	2.32	43	8264	2.686 ug/L	90
42) Toluene	7.64	91	35112	1.747 ug/L	97
44) trans-1,3-Dichloropropene	7.84	75	3557	0.570 ug/L	83
53) m,p-Xylene	9.38	106	4921	0.596 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	27969	4.373 ug/L	94

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

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ALS Vial  : 20    Sample Multiplier: 1
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Quant Title : VOC Analysis
QLast Update : wed May 29 05:27:35 2019
Response via : Initial Calibration



#10

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

Concen: 0.684 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032335.D

Acq: 28 May 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

BFHJ1

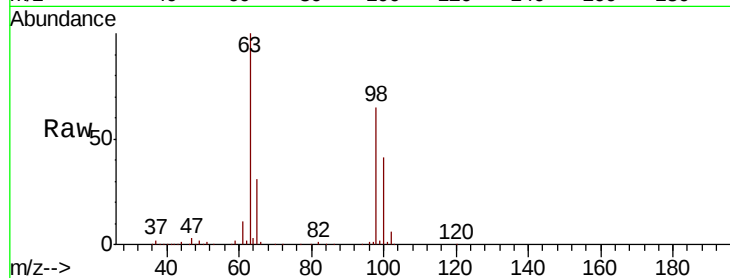
Tgt Ion:101 Resp: 2924

Ion Ratio Lower Upper

101 100

85 1.5 33.4 50.0#

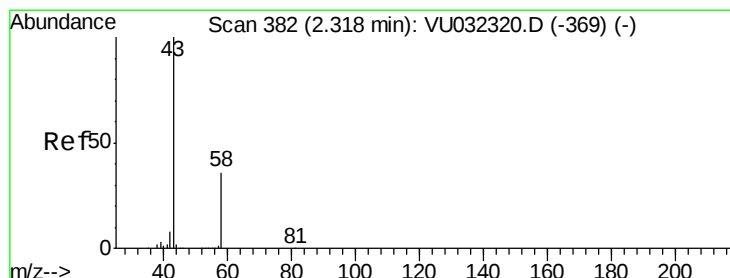
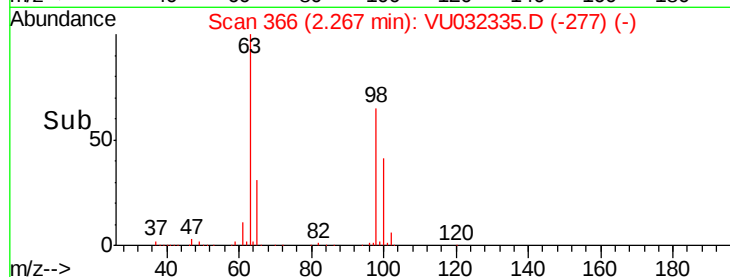
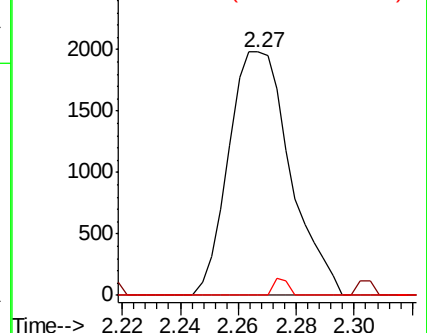
151 1.7 63.7 95.5#



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



#13

Acetone

Concen: 2.686 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032335.D

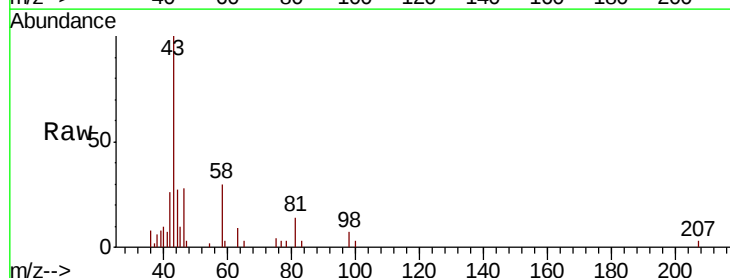
Acq: 28 May 2019 17:47

Tgt Ion: 43 Resp: 8264

Ion Ratio Lower Upper

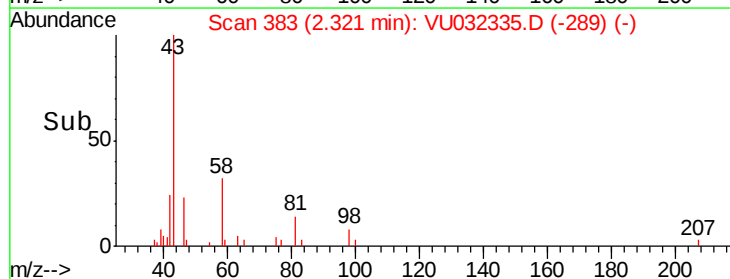
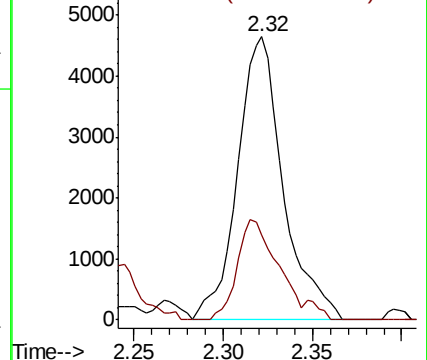
43 100

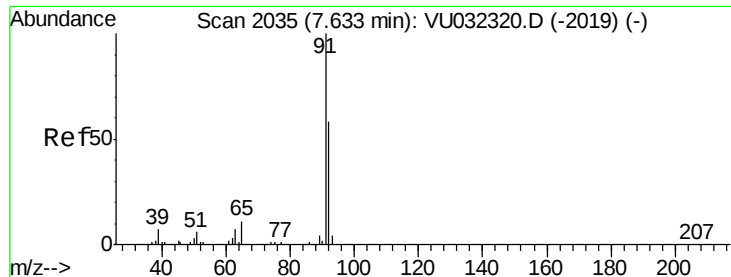
58 31.0 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#42

Toluene

Concen: 1.747 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU032335.D

Acq: 28 May 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

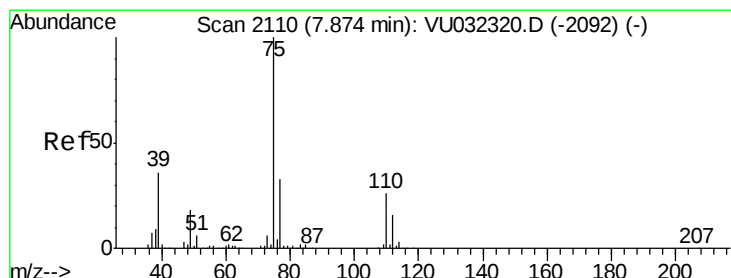
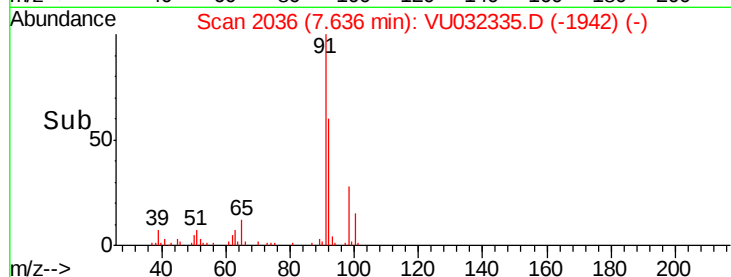
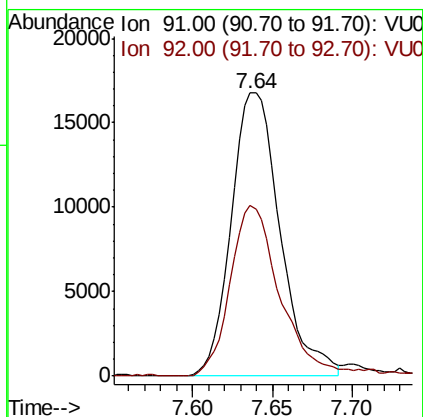
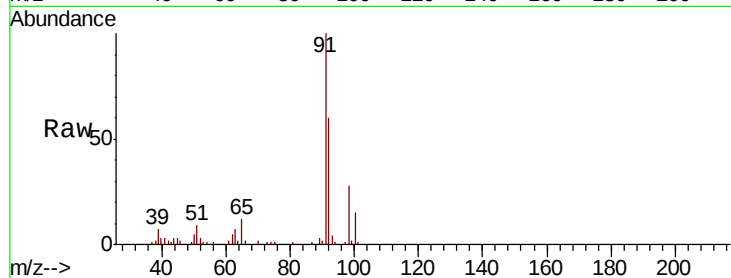
BFHJ1

Tgt Ion: 91 Resp: 35112

Ion Ratio Lower Upper

91 100

92 60.3 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 7.84 min Scan# 2099

Delta R.T. -0.04 min

Lab File: VU032335.D

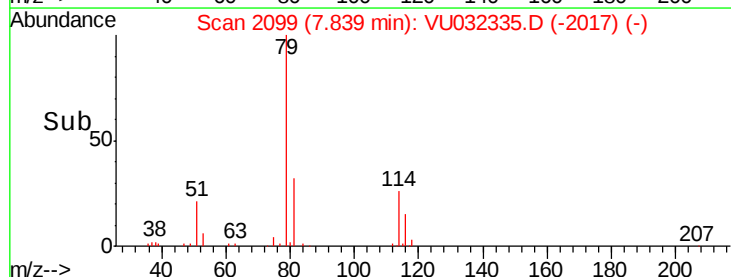
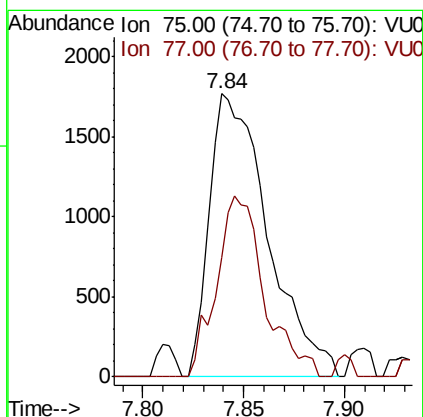
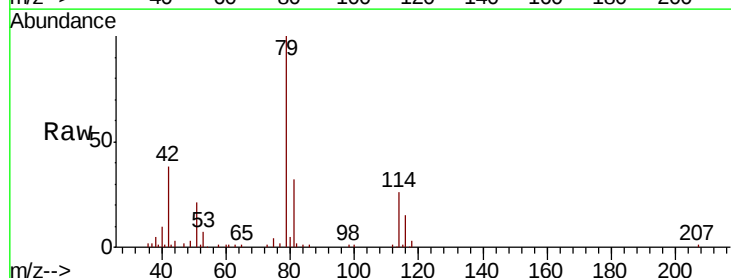
Acq: 28 May 2019 17:47

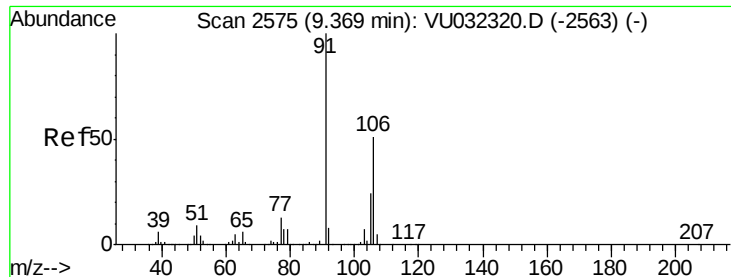
Tgt Ion: 75 Resp: 3557

Ion Ratio Lower Upper

75 100

77 42.4 23.0 42.6





#53

m,p-Xylene

Concen: 0.596 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU032335.D

Acq: 28 May 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

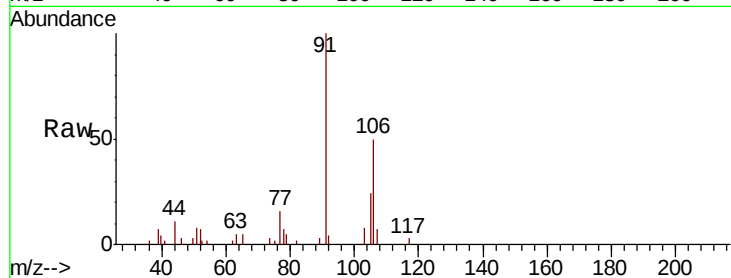
BFHJ1

Tgt Ion:106 Resp: 4921

Ion Ratio Lower Upper

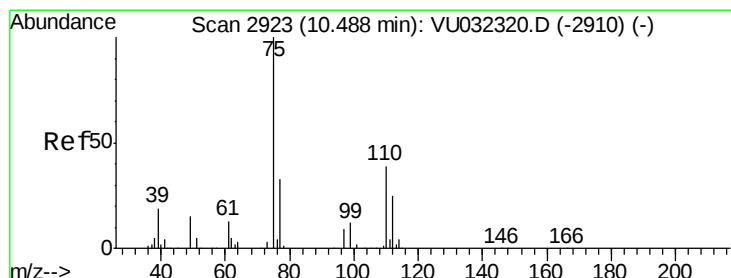
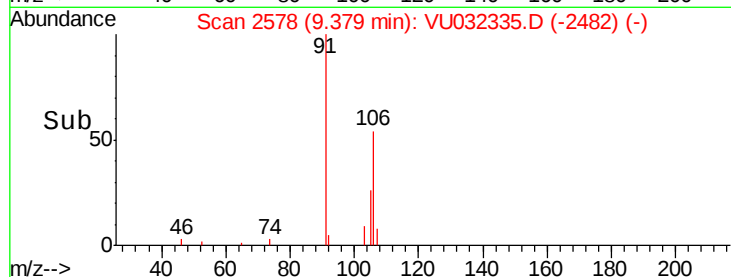
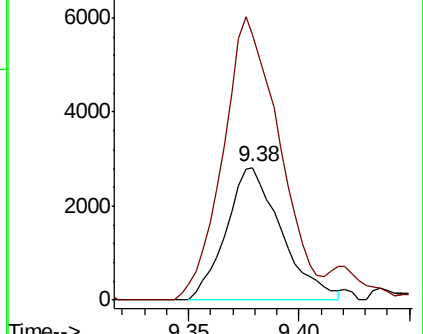
106 100

91 200.6 138.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): VU032320.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU032320.D (-2563) (-)



#59

1,2,3-Trichloropropane

Concen: 4.373 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032335.D

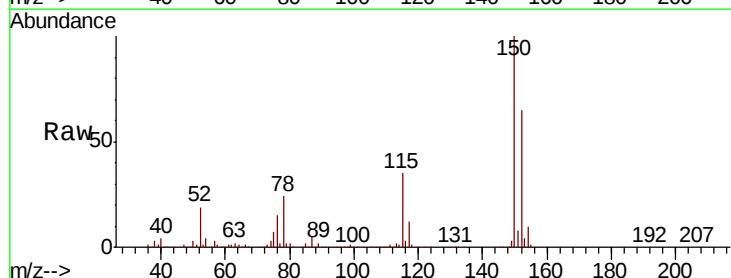
Acq: 28 May 2019 17:47

Tgt Ion: 75 Resp: 27969

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU032320.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU032320.D (-2910) (-)

