

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032340.D
 Acq On : 28 May 2019 20:09
 Operator : JC/SP
 Sample : K2975-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG7

Quant Time: May 29 05:32:08 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	663971	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	648486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	265844	50.00	ug/L	0.00

System Monitoring Compounds

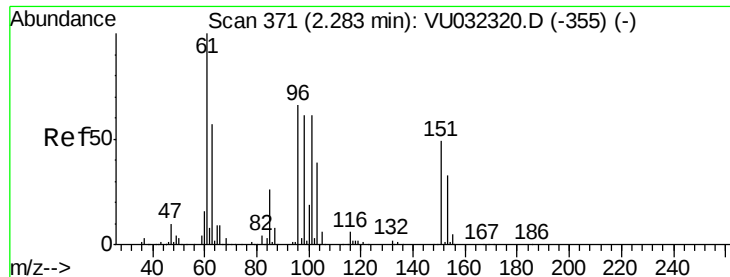
4) Vinyl Chloride-d3	1.40	65	190709	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.94%
7) Chloroethane-d5	1.67	69	175260	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.70%
11) 1,1-Dichloroethene-d2	2.27	63	268150	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	4.17	46	385430	119.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.66%
24) Chloroform-d	4.64	84	421265	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.30	65	274115	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.14%
32) Benzene-d6	5.34	84	832421	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.32	67	276167	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.56	98	708221	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.85	79	108826	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.31	63	231833	104.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	433963	53.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	285330	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2737	0.649 ug/L	# 19
13) Acetone	2.32	43	19982	6.583 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	6710	0.958 ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	4568	0.744 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	28236	4.491 ug/L	91

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
Data File : VU032340.D
Acq On    : 28 May 2019   20:09
Operator  : JC/SP
Sample    : K2975-08
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 26      Sample Multiplier: 1
```



#10

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

Concen: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032340.D

Acq: 28 May 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

BFHG7

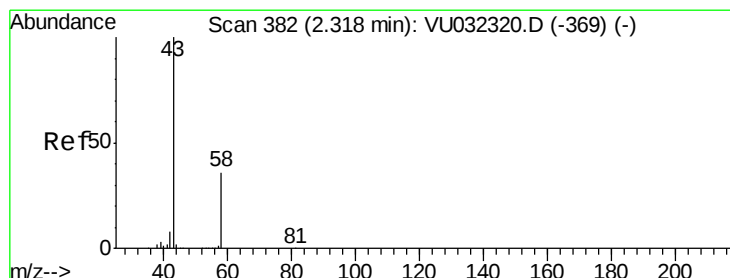
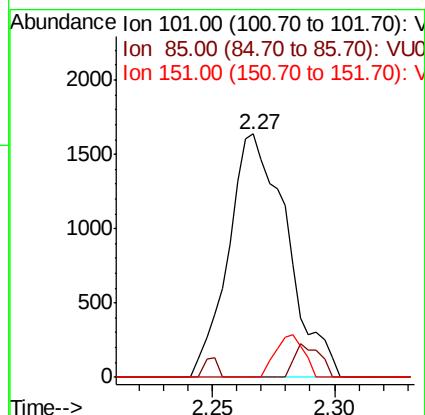
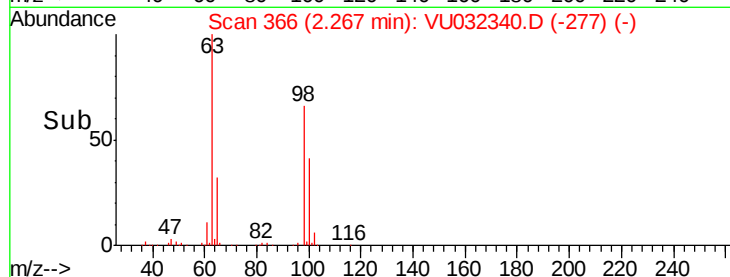
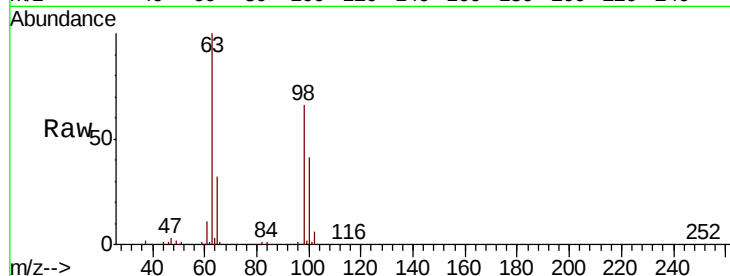
Tgt Ion:101 Resp: 2737

Ion Ratio Lower Upper

101 100

85 1.8 33.4 50.0#

151 0.0 63.7 95.5#



#13

Acetone

Concen: 6.583 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032340.D

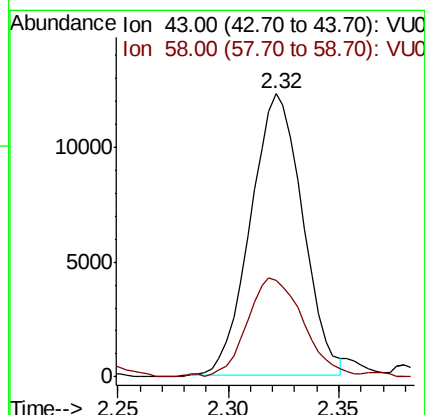
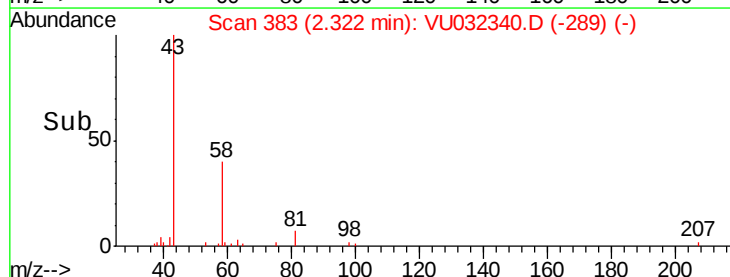
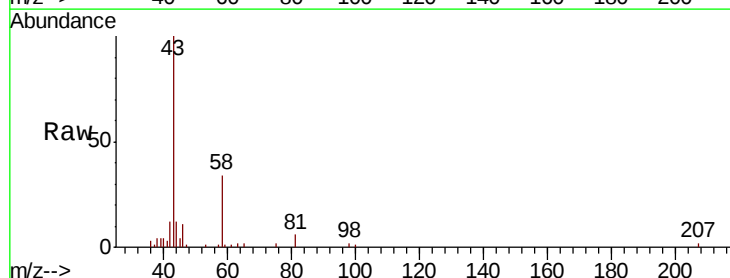
Acq: 28 May 2019 20:09

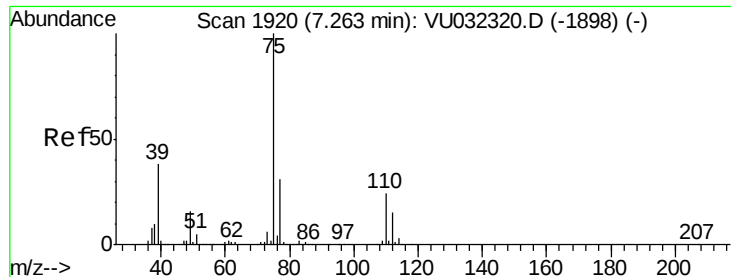
Tgt Ion: 43 Resp: 19982

Ion Ratio Lower Upper

43 100

58 37.8 0.0 73.6





#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032340.D

Acq: 28 May 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

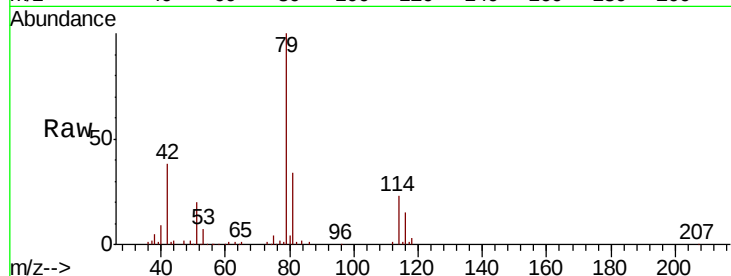
BFHG7

Tgt Ion: 75 Resp: 6710

Ion Ratio Lower Upper

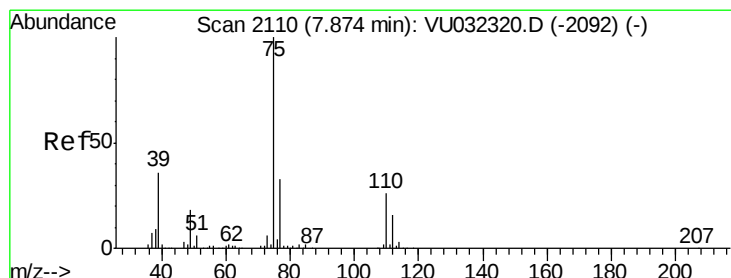
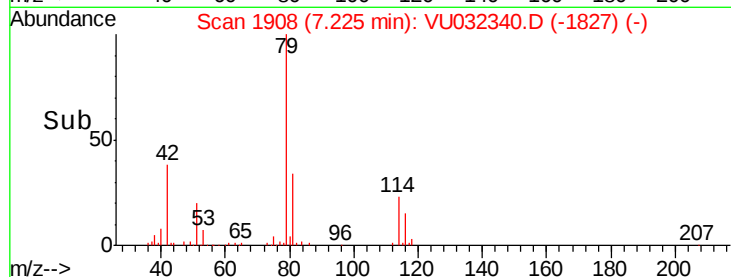
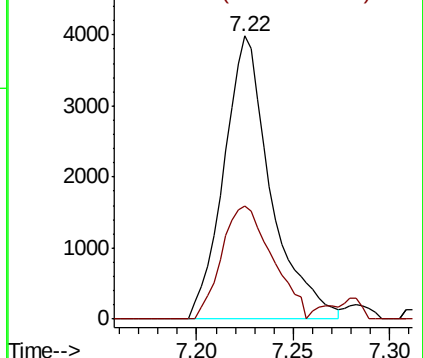
75 100

77 40.1 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032340.D

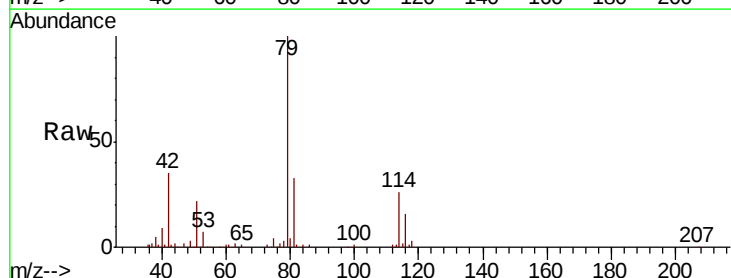
Acq: 28 May 2019 20:09

Tgt Ion: 75 Resp: 4568

Ion Ratio Lower Upper

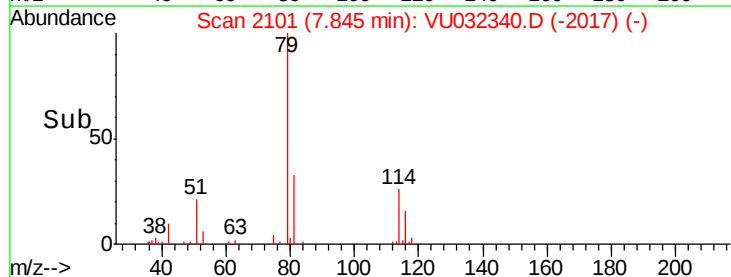
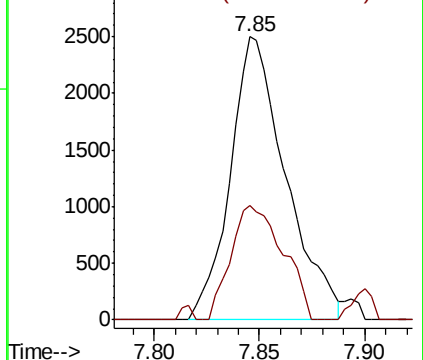
75 100

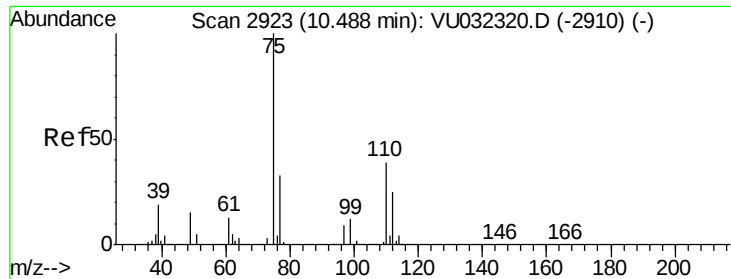
77 40.4 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.491 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032340.D

Acq: 28 May 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

BFHG7

Tgt Ion: 75 Resp: 28236

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8

