

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033284.D
 Acq On : 17 Jul 2019 12:26
 Operator : JC/SP
 Sample : K3772-25
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N4

Quant Time: Jul 18 08:41:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	124575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	134159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52990	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.67	69	47609	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.26	63	86313	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.17	46	80907	34.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.44%
24) Chloroform-d	4.62	84	81096	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.29	65	47759	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.32	84	168144	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	55955	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.55	98	145892	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.84	79	20217	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.30	63	77789	39.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	45950	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	59973	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

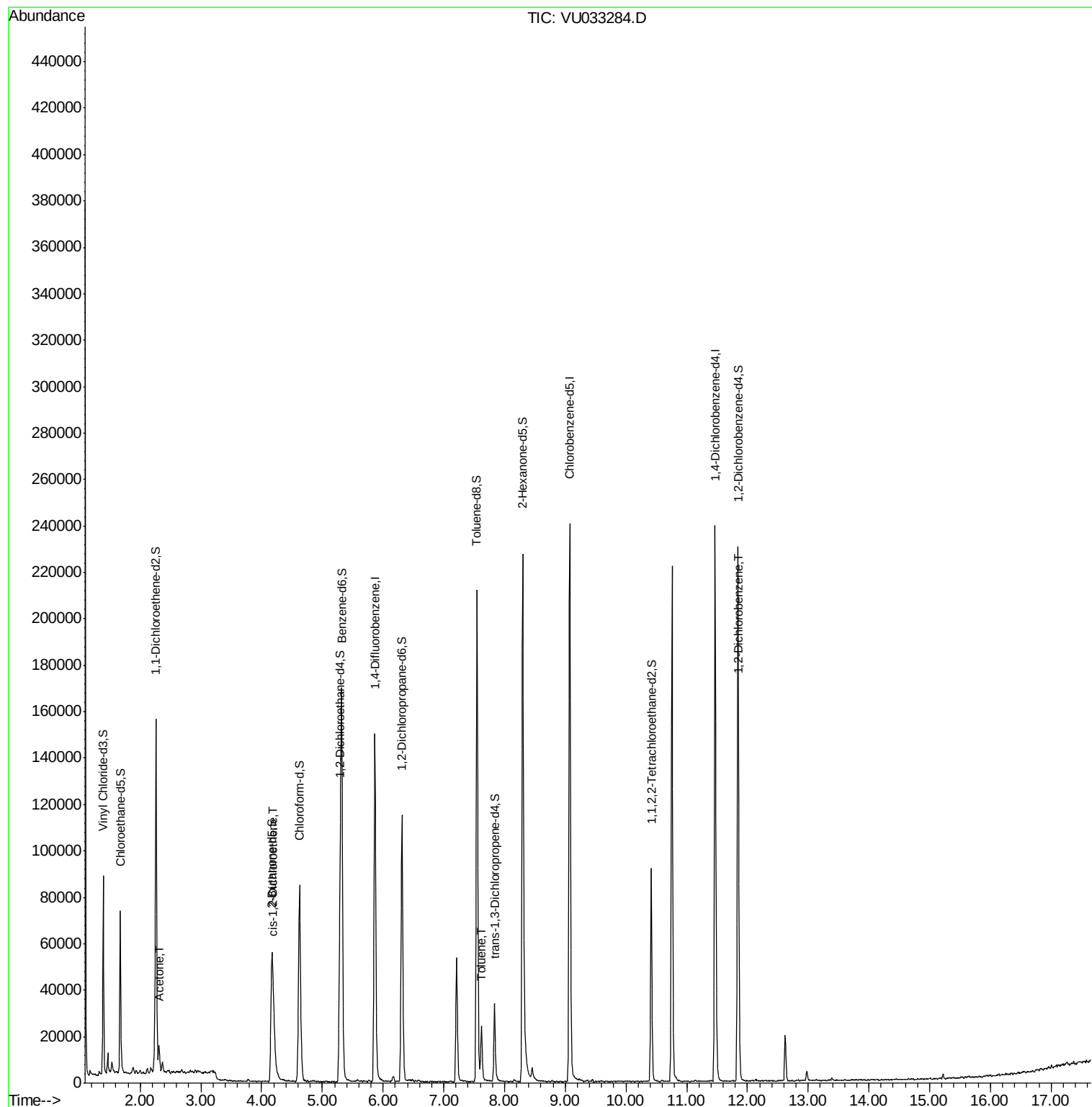
					Ovalue
13) Acetone	2.31	43	10616	5.129 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	7833	0.820 ug/L	99
42) Toluene	7.62	91	17624	0.432 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	3083	0.166 ug/L #	89

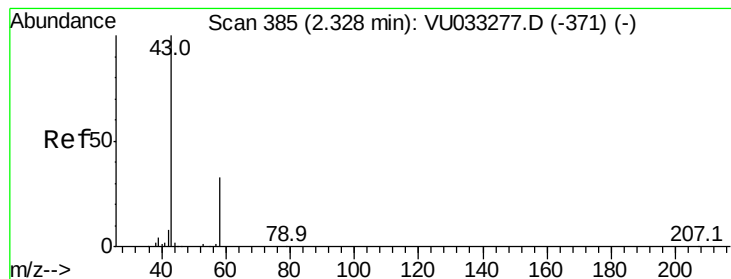
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.129 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033284.D

Acq: 17 Jul 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

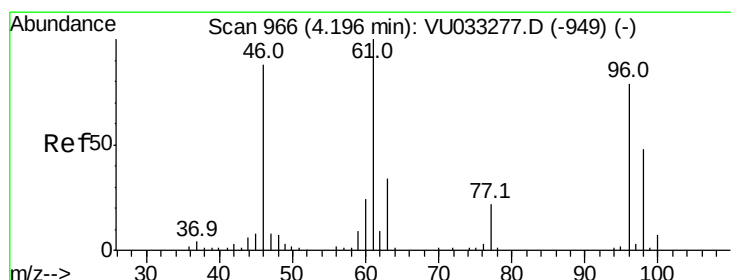
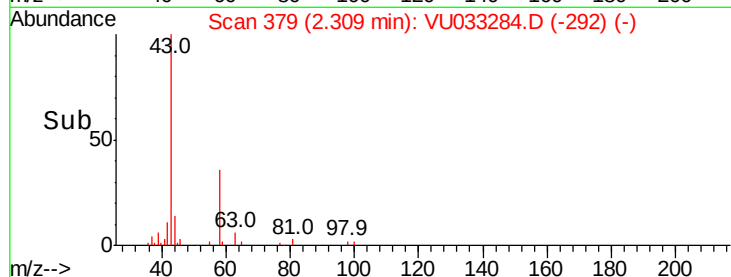
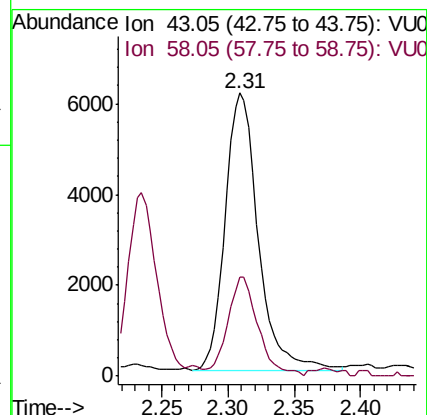
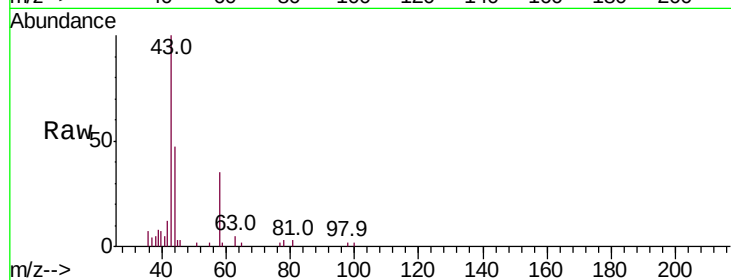
A52N4

Tot Ion: 43 Resp: 10616

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.6



#22

cis-1,2-Dichloroethene

Concen: 0.820 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033284.D

Acq: 17 Jul 2019 12:26

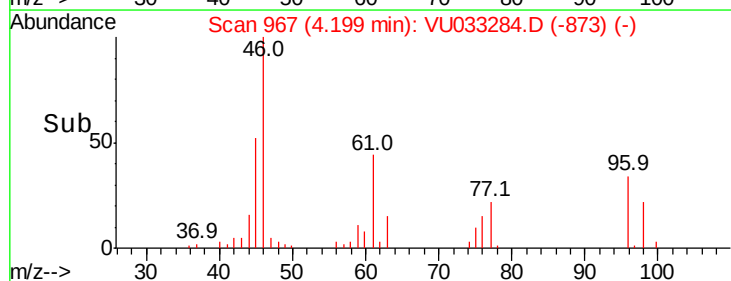
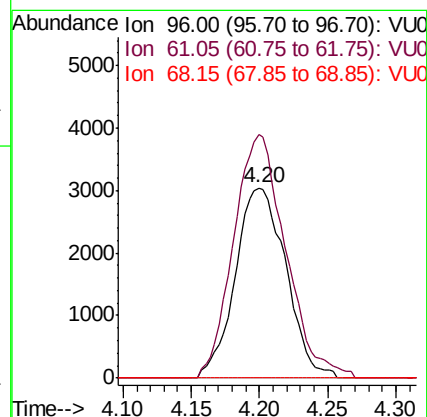
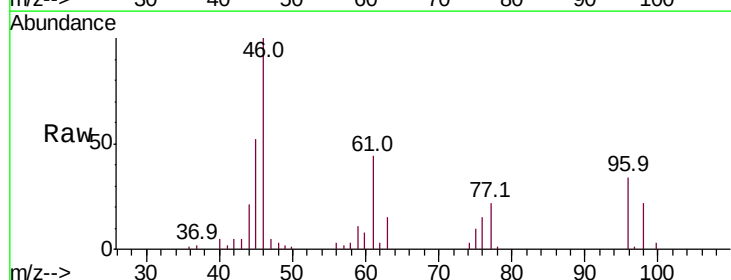
Tgt Ion: 96 Resp: 7833

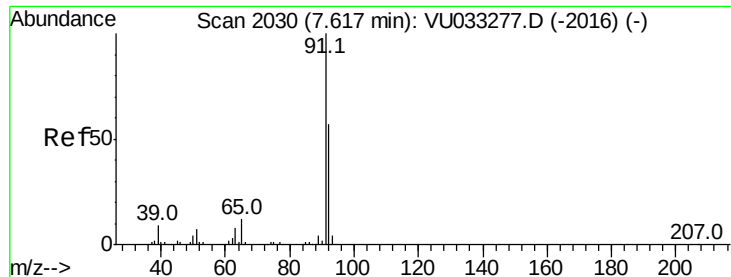
Ion Ratio Lower Upper

96 100

61 128.1 89.2 165.6

68 0.0 0.0 0.0





#42

Toluene

Concen: 0.432 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033284.D

Acq: 17 Jul 2019 12:26

Instrument :

MSVOA_U

ClientSampled :

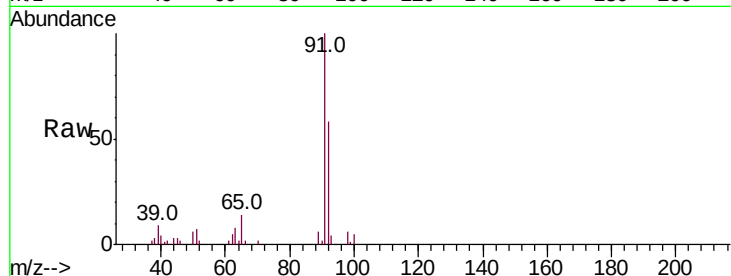
A52N4

Tot Ion: 91 Resp: 17624

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU033277.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU033277.D (-2016) (-)

7.62

10000

8000

6000

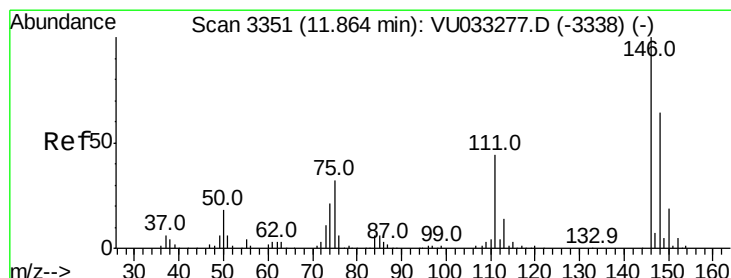
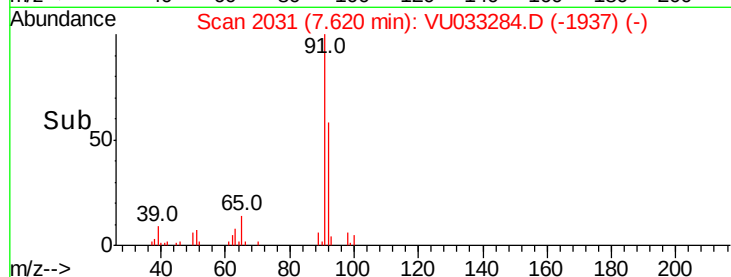
4000

2000

0

Time-->

7.55 7.60 7.65 7.70



#65

1,2-Dichlorobenzene

Concen: 0.166 ug/L

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VU033284.D

Acq: 17 Jul 2019 12:26

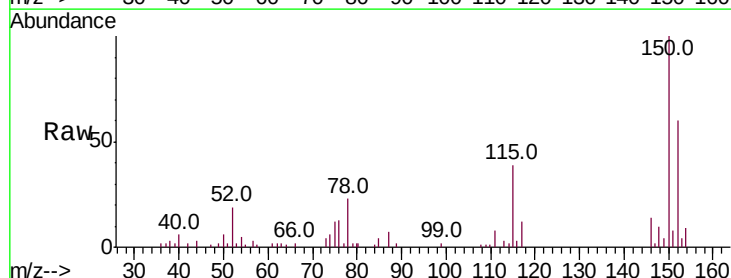
Tgt Ion: 146 Resp: 3083

Ion Ratio Lower Upper

146 100

111 57.4 34.2 51.4#

148 67.2 52.0 78.0



Abundance Ion 145.95 (145.65 to 146.65): VU033277.D (-3338) (-)

Ion 111.00 (110.70 to 111.70): VU033277.D (-3338) (-)

Ion 148.00 (147.70 to 148.70): VU033277.D (-3338) (-)

2500

2000

1500

1000

500

0

Time-->

11.85 11.90

