

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026746.D
 Acq On : 13 Sep 2018 23:19
 Operator : MD/SY
 Sample : J4893-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S5

Quant Time: Sep 14 04:03:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	177547	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60090	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.68	69	48096	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.22%
11) 1,1-Dichloroethene-d2	2.27	63	82933	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	4.18	46	82914	100.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	4.65	84	90923	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.66%
26) 1,2-Dichloroethane-d4	5.31	65	65730	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
32) Benzene-d6	5.34	84	202703	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.33	67	68804	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.64%
41) Toluene-d8	7.57	98	178923	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	28457	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
47) 2-Hexanone-d5	8.31	63	58321	100.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88684	45.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	68324	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

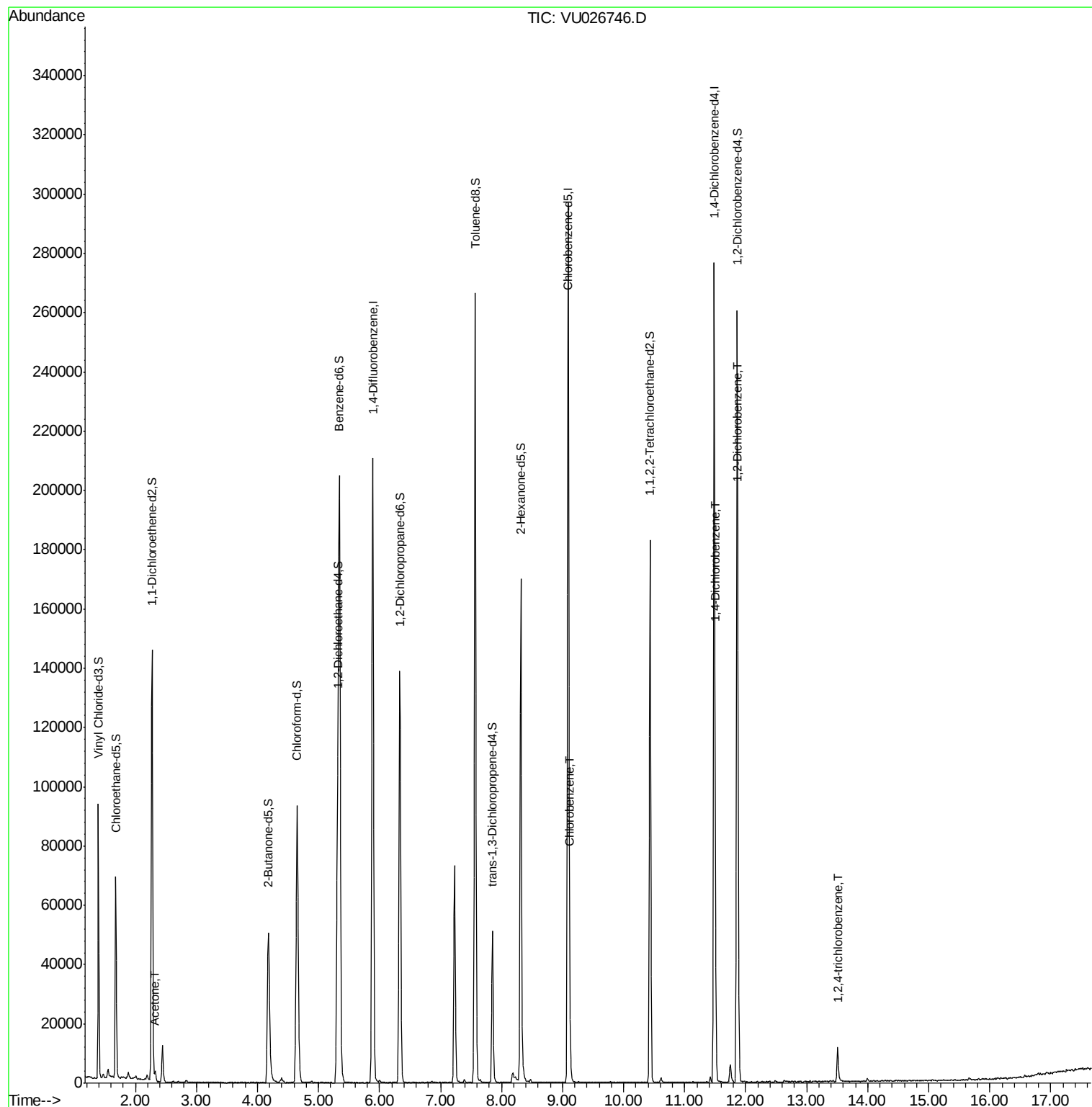
					Ovalue
13) Acetone	2.32	43	2545	2.714 ug/L	93
51) Chlorobenzene	9.12	112	9235	2.956 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	9331	4.315 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	12365	5.731 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	4619	3.282 ug/L	96

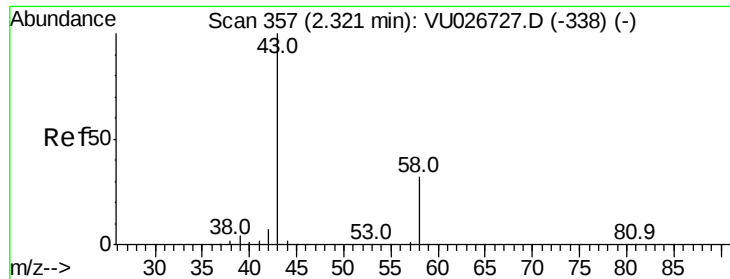
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.714 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Acq: 13 Sep 2018 23:19

Instrument :

MSVOA_U

ClientSampleId :

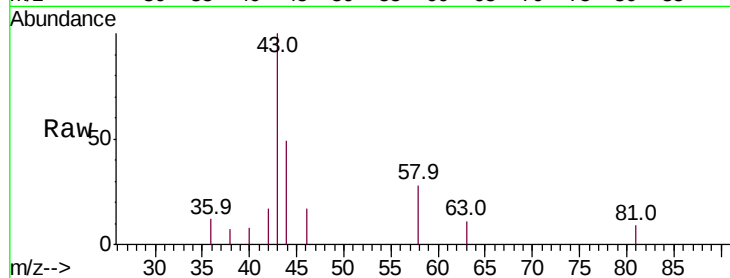
C08S5

Tot Ion: 43 Resp: 2545

Ion Ratio Lower Upper

43 100

58 27.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

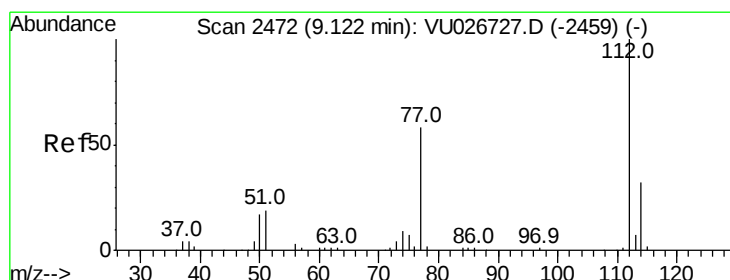
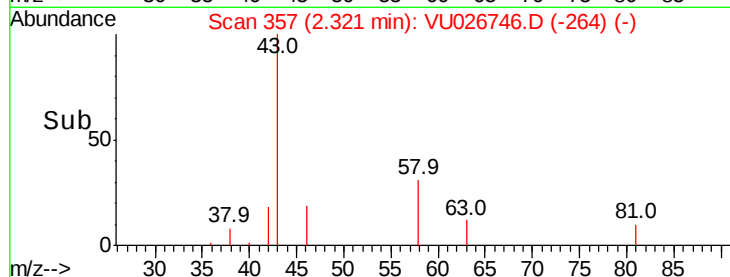
1000

500

0

2.30 2.35

Time-->



#51

Chlorobenzene

Concen: 2.956 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

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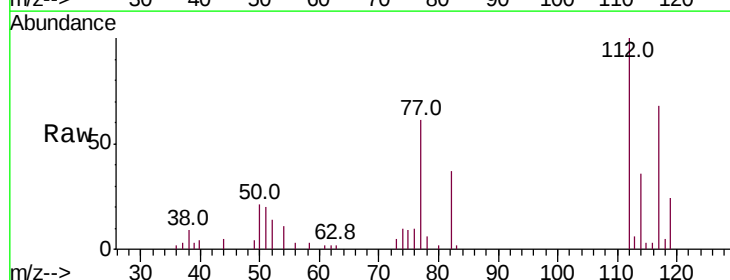
Tgt Ion: 112 Resp: 9235

Ion Ratio Lower Upper

112 100

114 35.6 22.9 42.5

77 61.0 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

9.12

6000

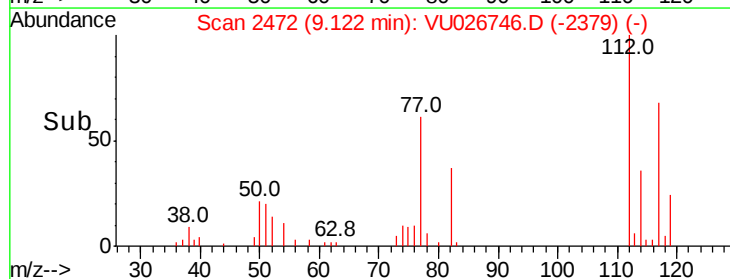
4000

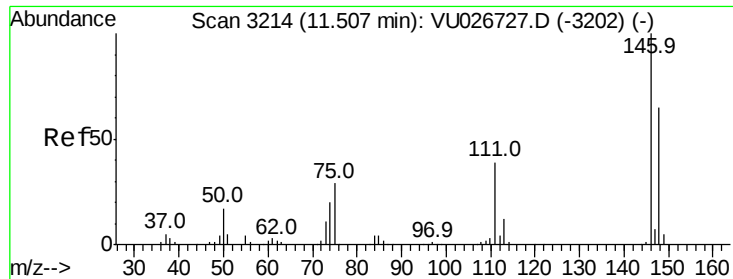
2000

0

9.10 9.15

Time-->





#63

1,4-Dichlorobenzene

Concen: 4.315 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026746.D

Acq: 13 Sep 2018 23:19

Instrument :

MSVOA_U

ClientSampleId :

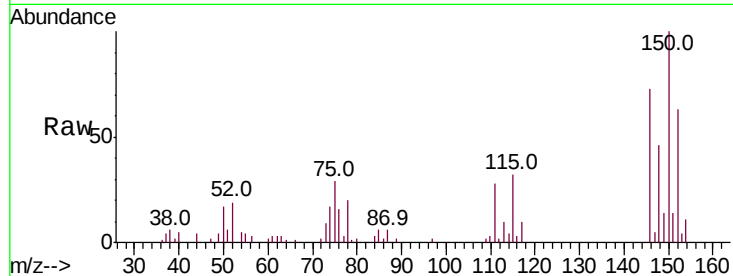
C08S5

Tot Ion:146 Resp: 9331

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.5	49.3
148	63.4	45.2	84.0

111 38.5 26.5 49.3

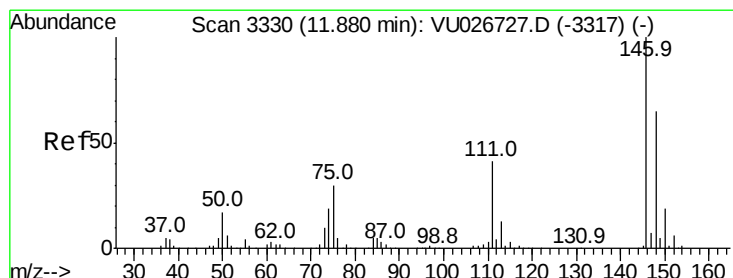
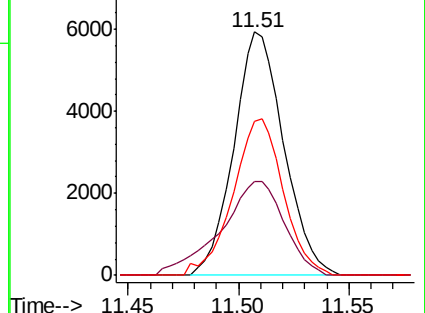
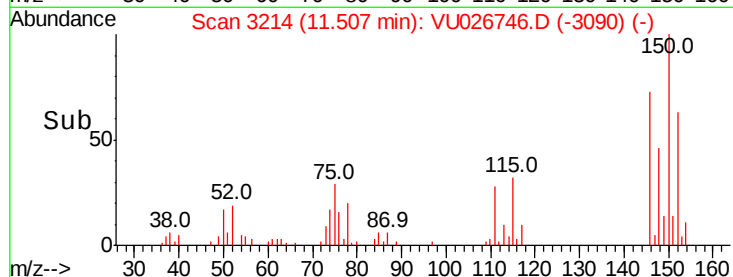
148 63.4 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 5.731 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026746.D

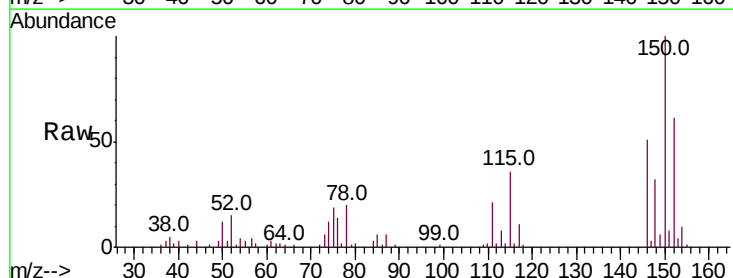
Acq: 13 Sep 2018 23:19

Tgt Ion:146 Resp: 12365

Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.8	49.2
148	63.1	52.2	78.4

111 41.5 32.8 49.2

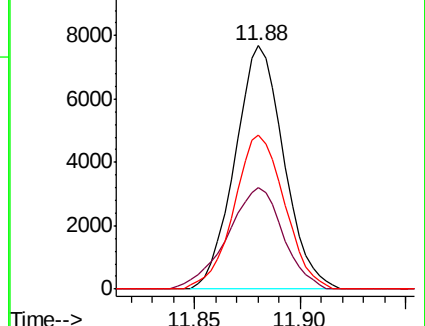
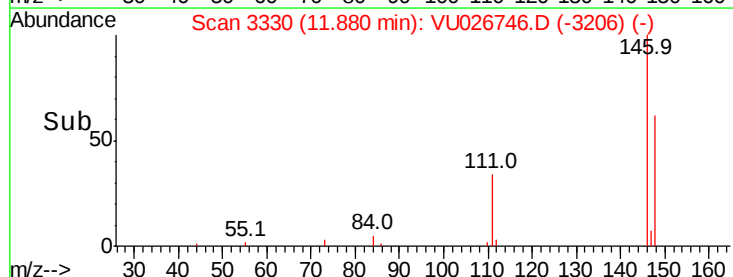
148 63.1 52.2 78.4

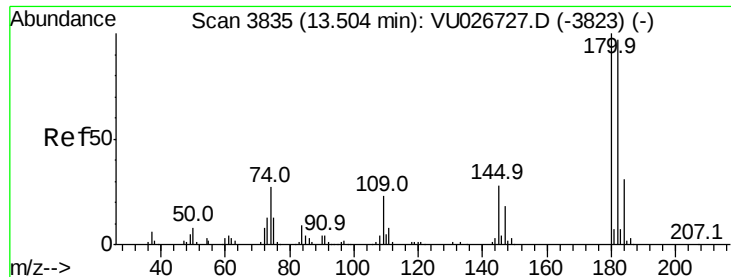


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

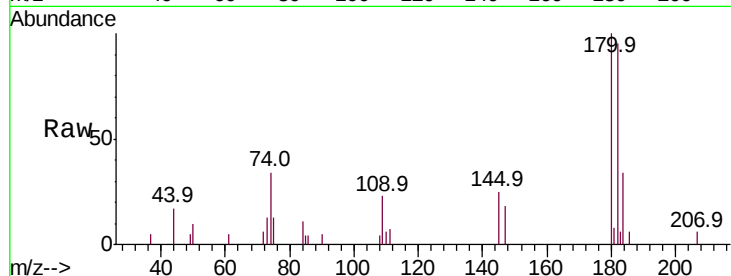




#68
 1,2,4-trichlorobenzene
 Concen: 3.282 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026746.D
 Acq: 13 Sep 2018 23:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S5

Tot Ion:180 Resp: 4619
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.0 114.0
 145 27.2 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

