

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091518\
 Data File : VU026747.D
 Acq On : 13 Sep 2018 23:42
 Operator : MD/SY
 Sample : J4893-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S7

Quant Time: Sep 14 04:12:45 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	176507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164753	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70486	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58123	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.68	69	47952	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.27	63	82616	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.20%
21) 2-Butanone-d5	4.18	46	81077	99.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.05%
24) Chloroform-d	4.65	84	92040	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
26) 1,2-Dichloroethane-d4	5.31	65	64832	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.34	84	198204	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	6.33	67	67935	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.57	98	176565	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.85	79	27815	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
47) 2-Hexanone-d5	8.31	63	57208	97.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87376	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	65696	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%

Target Compounds

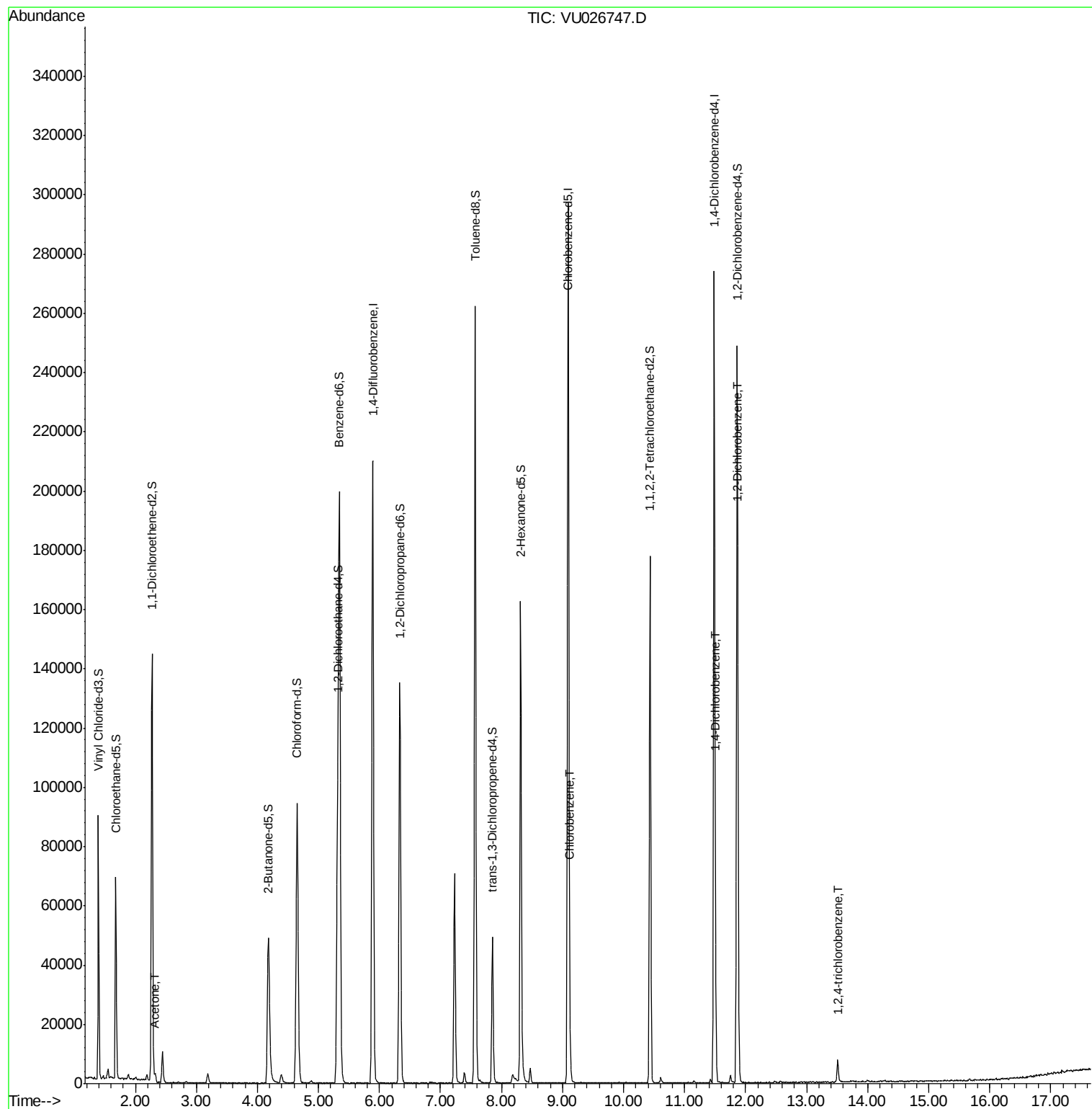
					Ovalue
13) Acetone	2.32	43	1910	2.049 ug/L	87
51) Chlorobenzene	9.12	112	7304	2.326 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	8068	3.763 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	9275	4.336 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	3574	2.561 ug/L #	94

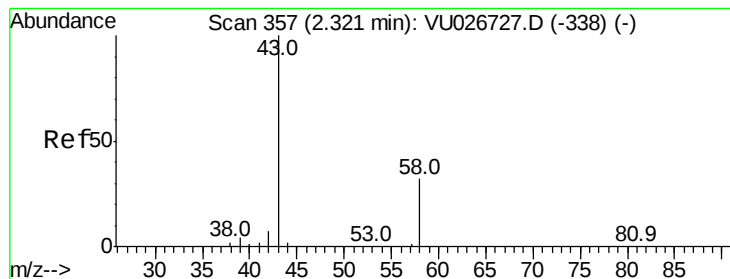
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.049 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026747.D

Acq: 13 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

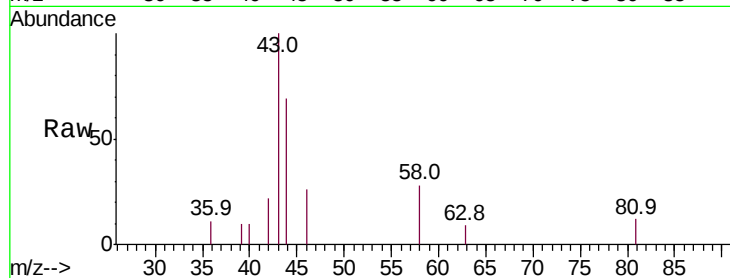
C08S7

Tot Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

58 24.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026747.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU026747.D (-338) (-)

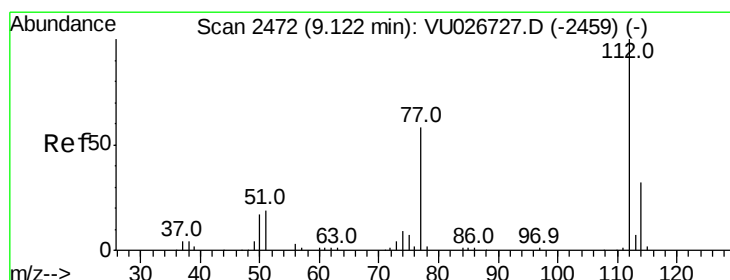
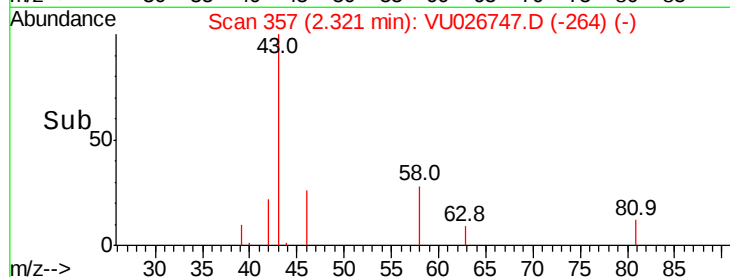
2.32

1000

500

0

Time-->



#51

Chlorobenzene

Concen: 2.326 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026747.D

Acq: 13 Sep 2018 23:42

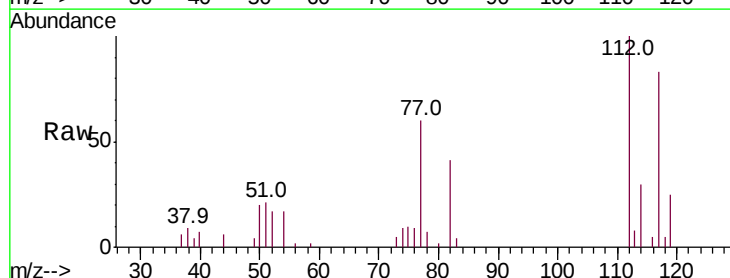
Tgt Ion: 112 Resp: 7304

Ion Ratio Lower Upper

112 100

114 30.1 22.9 42.5

77 60.1 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU026747.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU026747.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU026747.D (-2459) (-)

9.12

6000

5000

4000

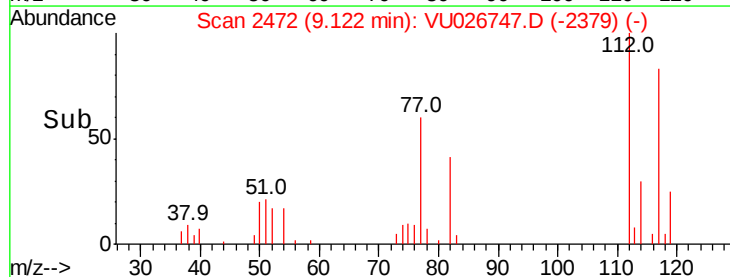
3000

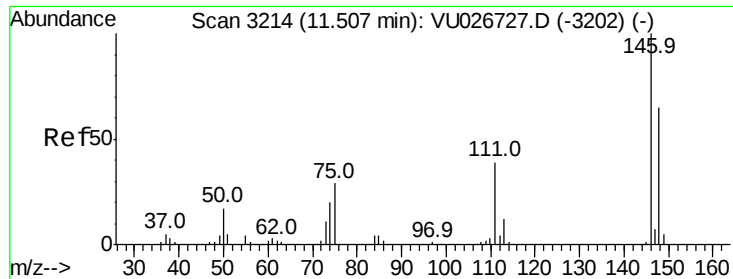
2000

1000

0

Time-->





#63

1,4-Dichlorobenzene

Concen: 3.763 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026747.D

Acq: 13 Sep 2018 23:42

Instrument :

MSVOA_U

ClientSampleId :

C08S7

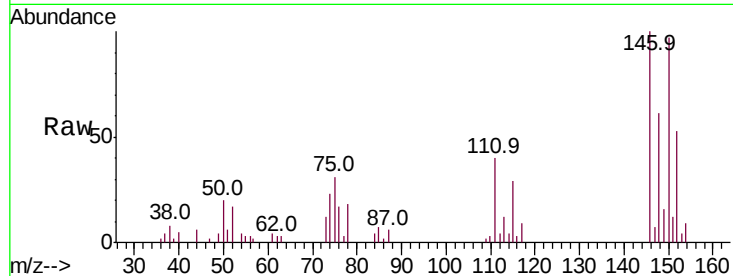
Tot Ion:146 Resp: 8068

Ion Ratio Lower Upper

146 100

111 40.0 26.5 49.3

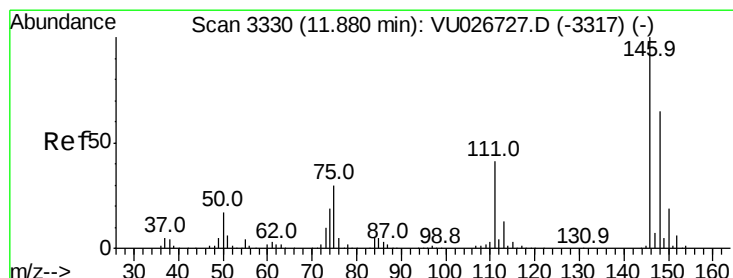
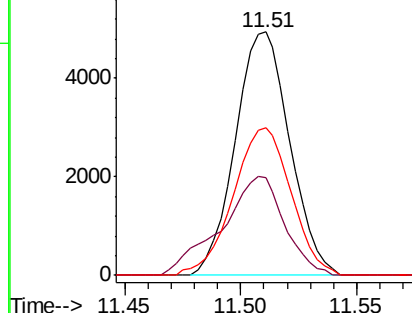
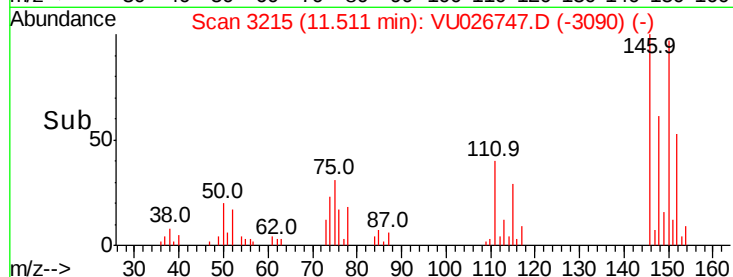
148 60.8 45.2 84.0



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: 4.336 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026747.D

Acq: 13 Sep 2018 23:42

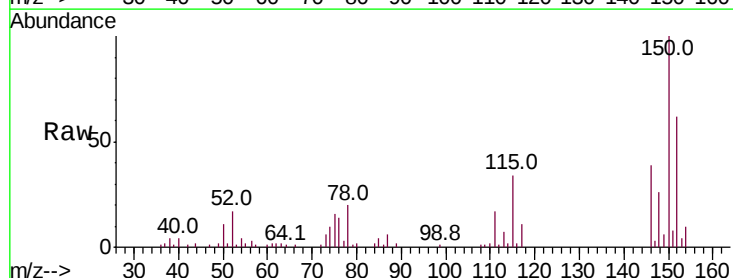
Tgt Ion:146 Resp: 9275

Ion Ratio Lower Upper

146 100

111 44.0 32.8 49.2

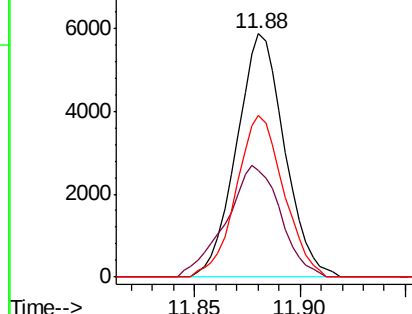
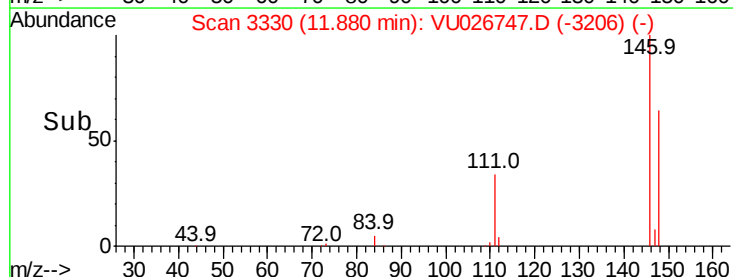
148 66.3 52.2 78.4

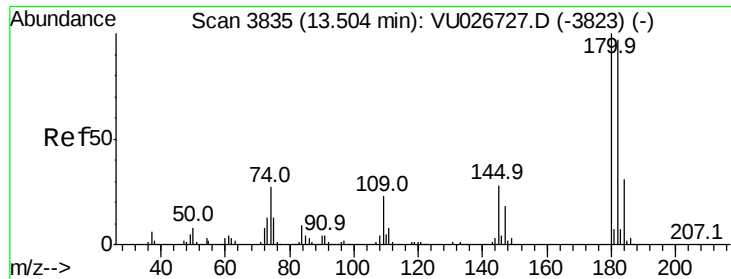


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 2.561 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026747.D
 Acq: 13 Sep 2018 23:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S7

Tot Ion:180 Resp: 3574
 Ion Ratio Lower Upper
 180 100
 182 98.5 76.0 114.0
 145 22.1 23.4 35.0#

