

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026765.D
 Acq On : 14 Sep 2018 14:50
 Operator : MD/SY
 Sample : J4893-07DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L5DL

Quant Time: Sep 15 01:51:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 15 00:18:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52057	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.68	69	44212	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.26%
11) 1,1-Dichloroethene-d2	2.27	63	74787	34.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	4.18	46	76952	102.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.65	84	88633	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.31	65	61907	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
32) Benzene-d6	5.34	84	184995	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.33	67	63364	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.57	98	160430	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	26114	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
47) 2-Hexanone-d5	8.31	63	53027	99.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84133	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62434	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

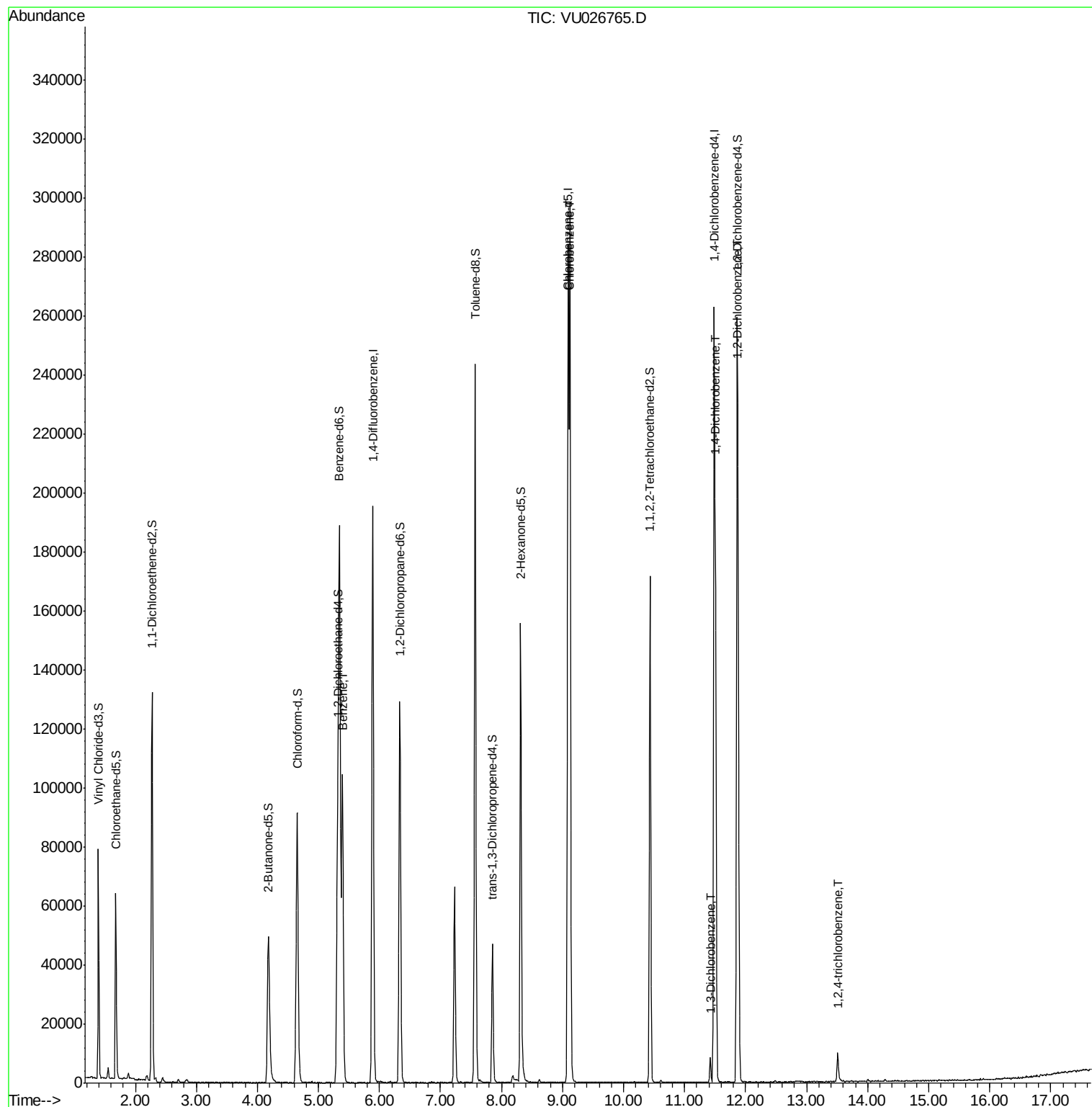
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	102535	24.271	ug/L	100
51) Chlorobenzene	9.12	112	152733	53.123	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	3839	2.043	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	57093	28.683	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	46428	23.380	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	4406	3.401	ug/L	97

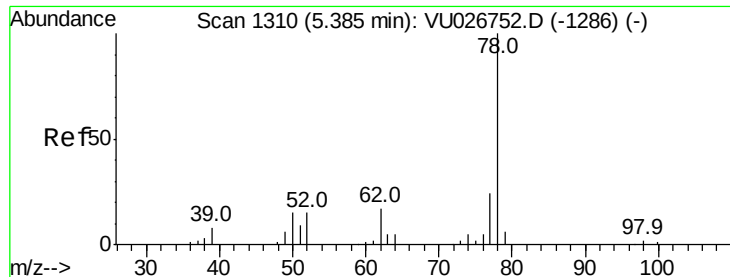
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration





#33

Benzene

Concen: 24.271 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

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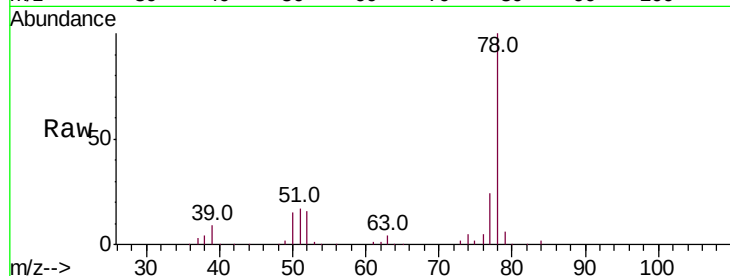
Instrument :

MSVOA_U

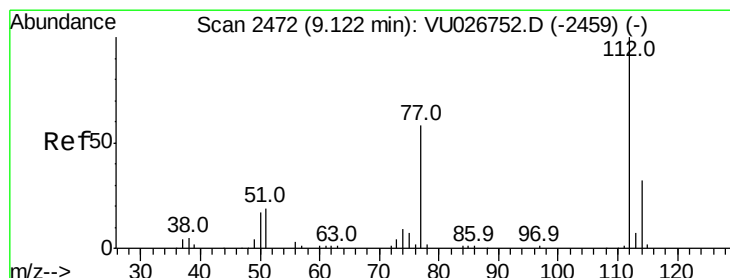
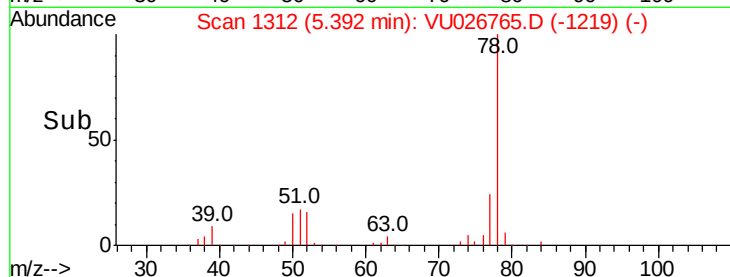
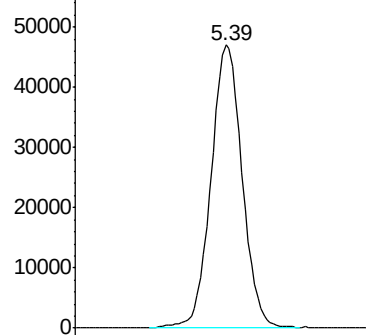
ClientSampleId :

C08L5DL

Tgt Ion: 78 Resp: 102535



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 53.123 ug/L

RT: 9.12 min Scan# 2472

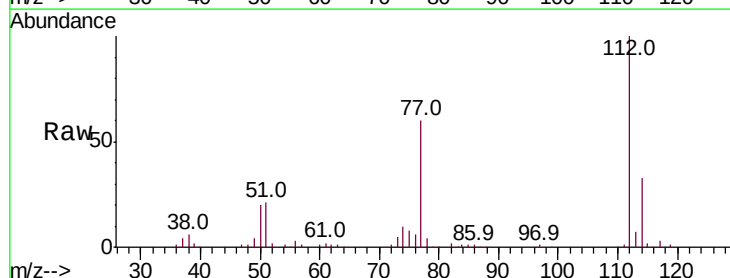
Delta R.T. -0.00 min

Lab File: VU026765.D

Acq: 14 Sep 2018 14:50

Tgt Ion: 112 Resp: 152733

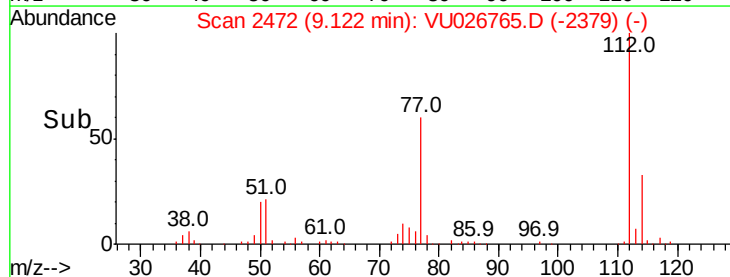
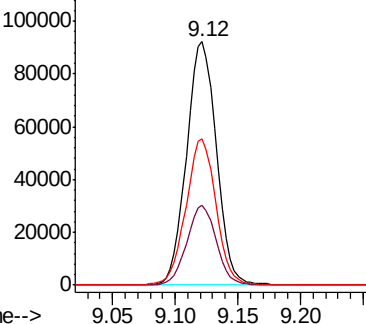
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.9	42.5
77	60.0	47.2	70.8

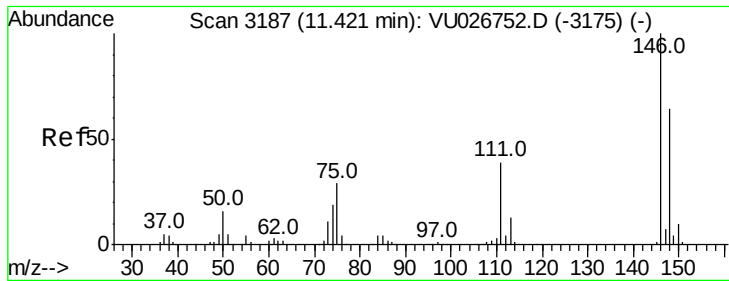


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.043 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026765.D

Acq: 14 Sep 2018 14:50

Instrument :

MSVOA_U

ClientSampleId :

C08L5DL

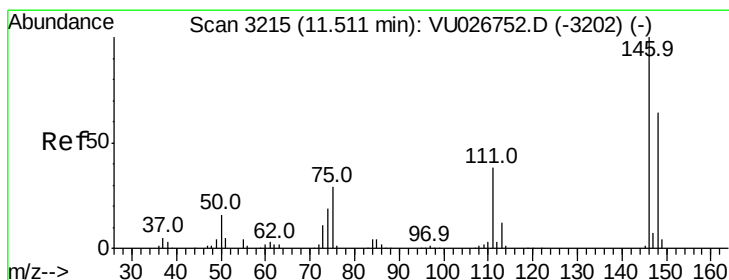
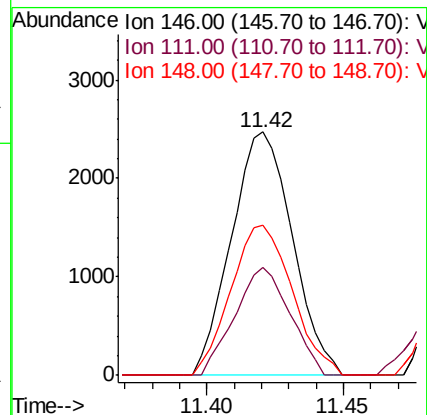
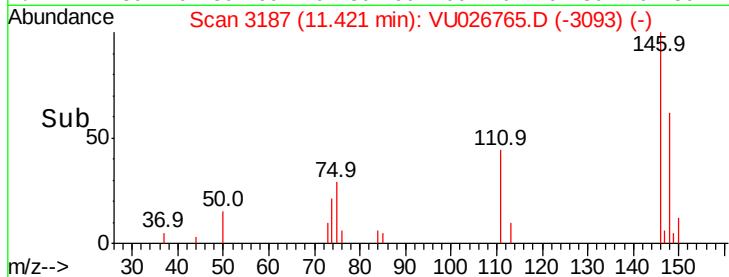
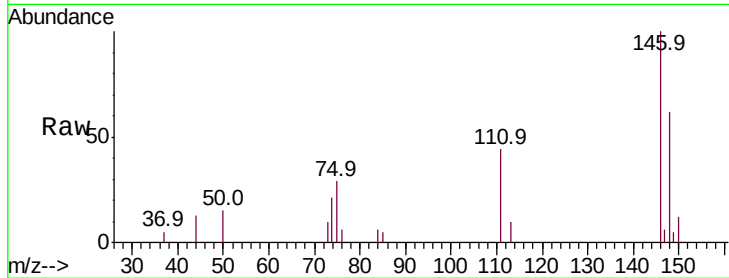
Tot Ion:146 Resp: 3839

Ion Ratio Lower Upper

146 100

111 44.2 26.7 49.5

148 61.7 44.2 82.2



#63

1,4-Dichlorobenzene

Concen: 28.683 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026765.D

Acq: 14 Sep 2018 14:50

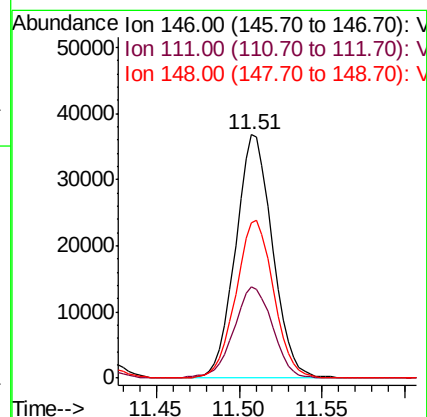
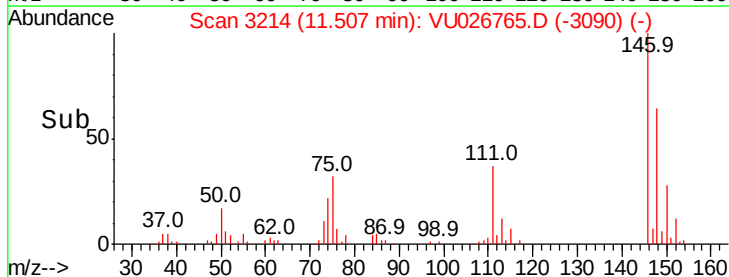
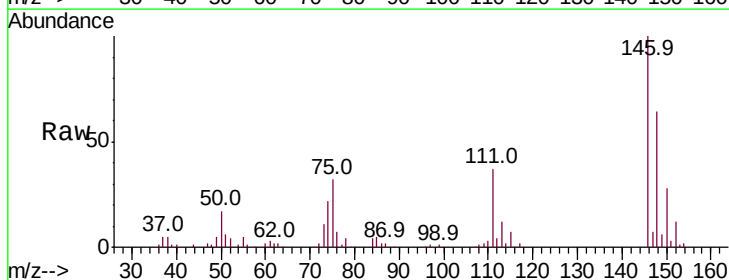
Tgt Ion:146 Resp: 57093

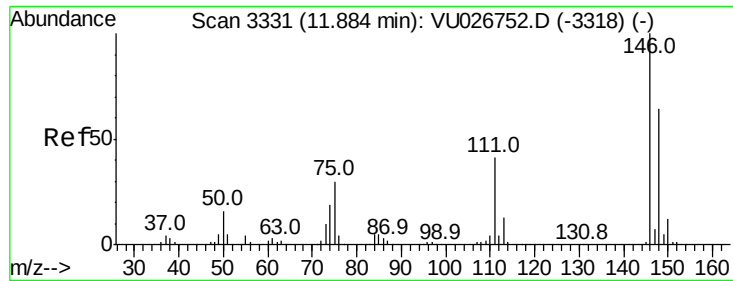
Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.3

148 63.9 45.2 84.0

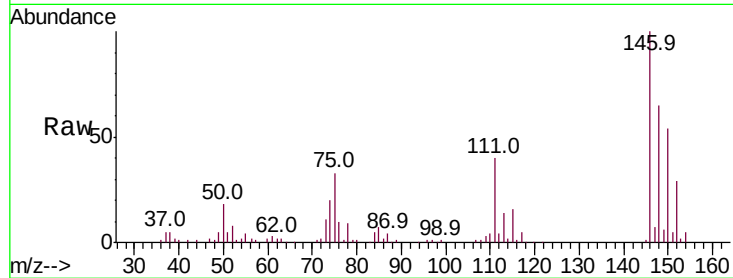




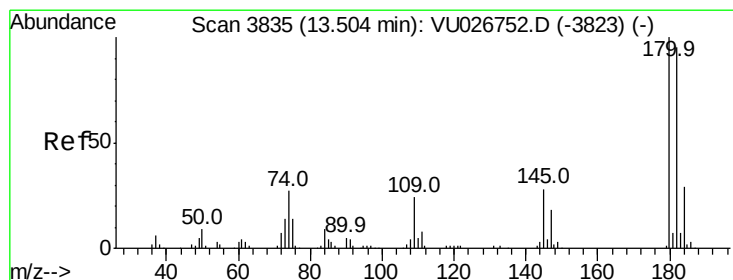
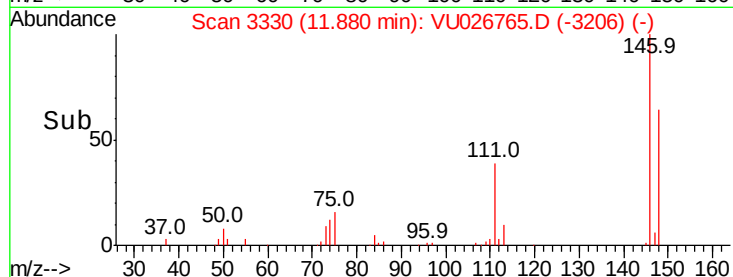
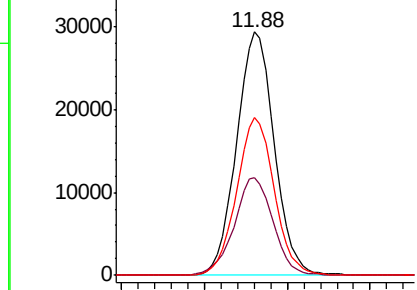
#65
 1,2-Dichlorobenzene
 Concen: 23.380 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026765.D
 Acq: 14 Sep 2018 14:50

Instrument :
 MSVOA_U
 ClientSampled :
 C08L5DL

Tot Ion:146 Resp: 46428
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.8 49.2
 148 64.6 52.2 78.4

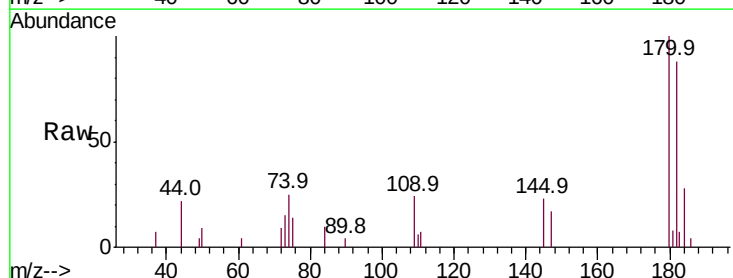


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 3.401 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026765.D
 Acq: 14 Sep 2018 14:50

Tgt Ion:180 Resp: 4406
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.0 114.0
 145 24.9 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

