

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026760.D
 Acq On : 14 Sep 2018 12:54
 Operator : MD/SY
 Sample : J4893-04DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

Quant Time: Sep 21 05:59:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 05:15:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54893	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.94%
7) Chloroethane-d5	1.68	69	46272	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.27	63	79094	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
21) 2-Butanone-d5	4.18	46	80283	103.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.33%
24) Chloroform-d	4.65	84	94482	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.31	65	64784	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.34	84	194234	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.33	67	66614	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.57	98	170515	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	28054	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.31	63	54832	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87648	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	66833	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

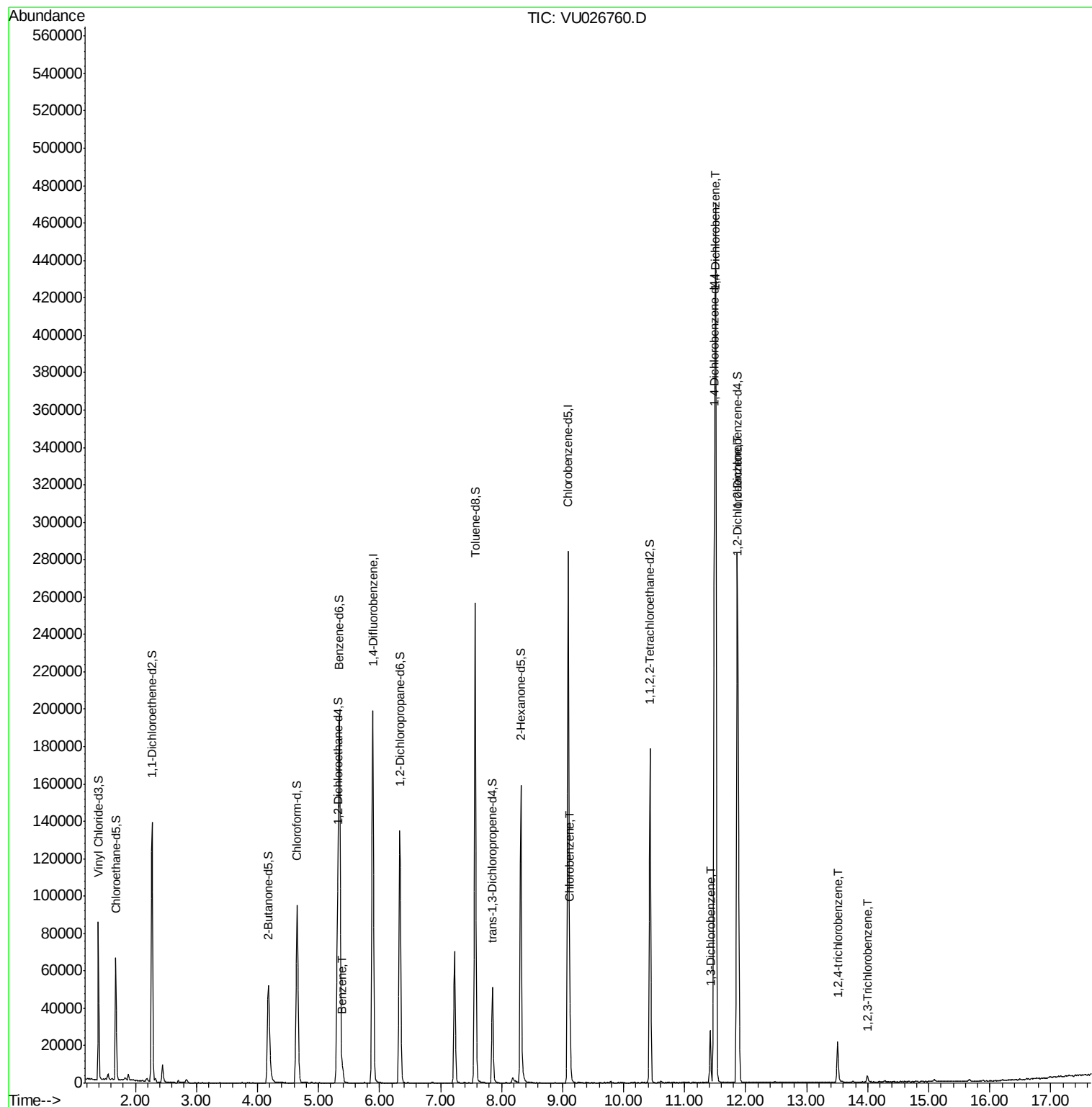
					Ovalue
33) Benzene	5.39	78	7375	1.697 ug/L	100
51) Chlorobenzene	9.12	112	18455	6.239 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	11836	6.030 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	177635	85.423 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	58123	28.016 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	8000	5.911 ug/L	98
70) 1,2,3-Trichlorobenzene	14.00	180	1774	1.210 ug/L #	91

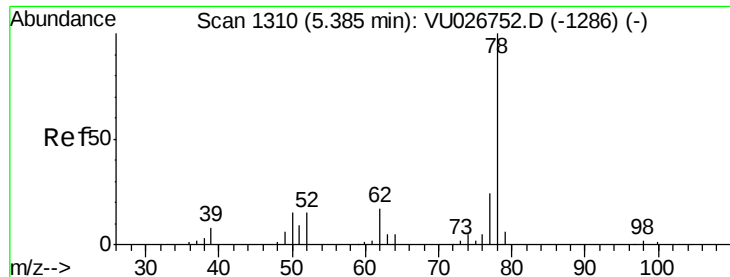
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 05:15:18 2018
Response via : Initial Calibration





#33

Benzene

Concen: 1.697 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026760.D

Acq: 14 Sep 2018 12:54

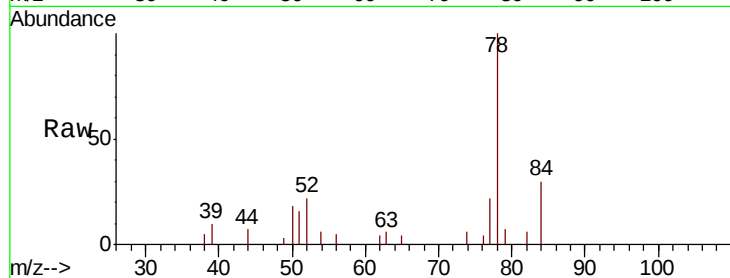
Instrument :

MSVOA_U

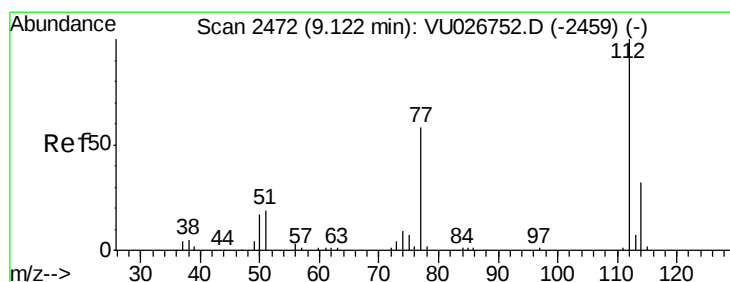
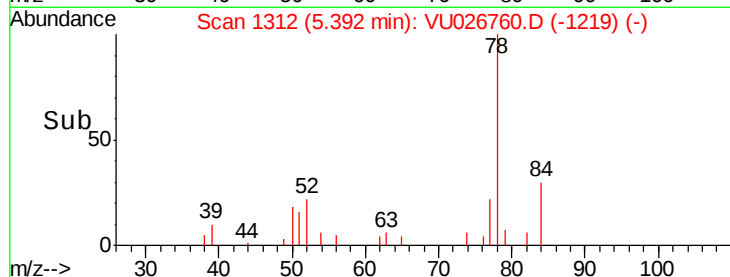
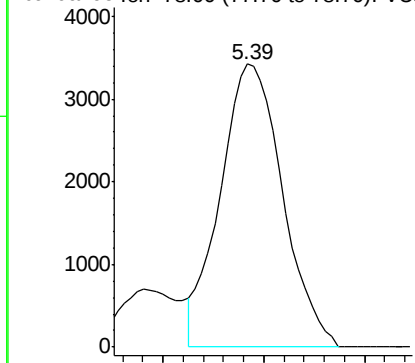
ClientSampled :

C08K3DL

Tgt Ion: 78 Resp: 7375



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 6.239 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026760.D

Acq: 14 Sep 2018 12:54

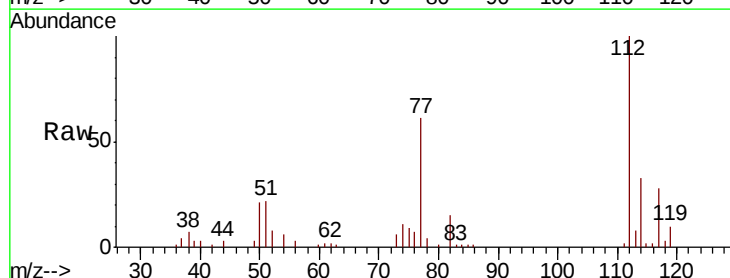
Tgt Ion: 112 Resp: 18455

Ion Ratio Lower Upper

112 100

114 33.3 22.9 42.5

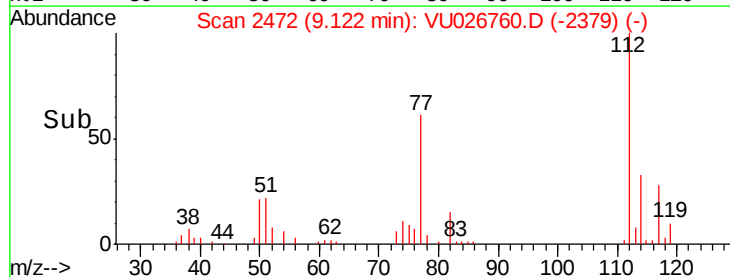
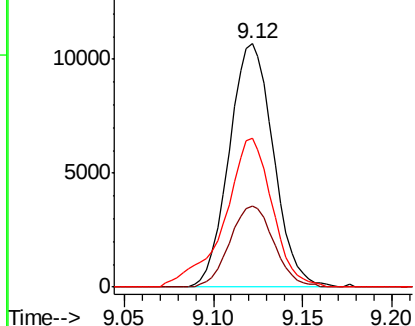
77 61.0 47.2 70.8

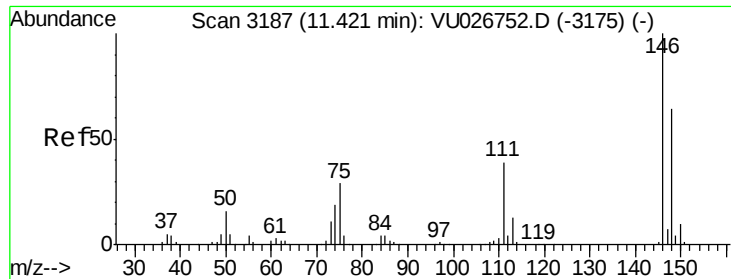


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

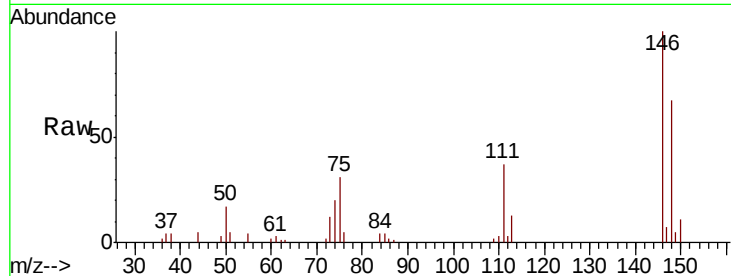




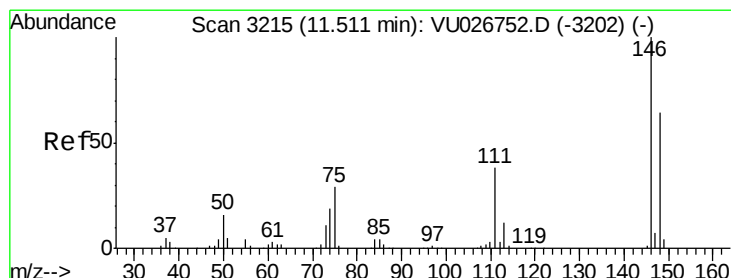
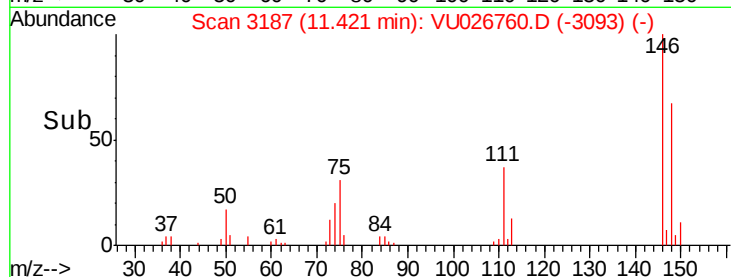
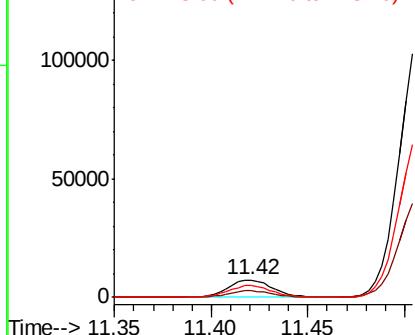
#62
 1,3-Dichlorobenzene
 Concen: 6.030 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

Tot Ion:146 Resp: 11836
 Ion Ratio Lower Upper
 146 100
 111 36.5 26.7 49.5
 148 67.1 44.2 82.2

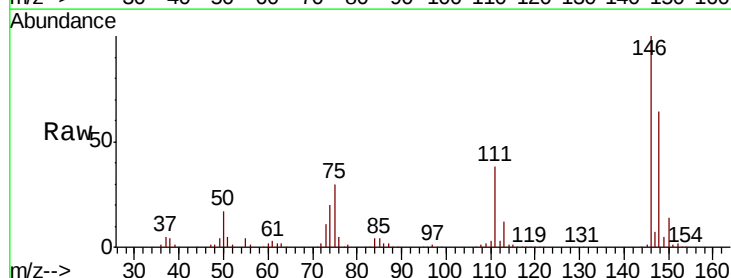


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

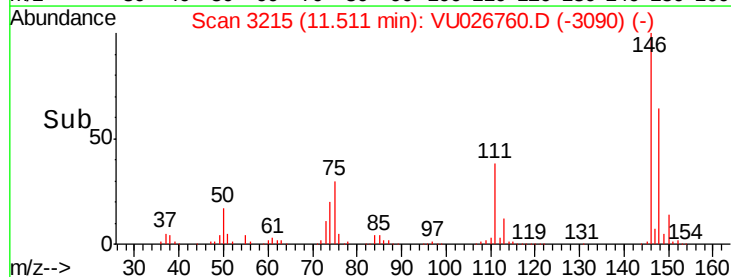
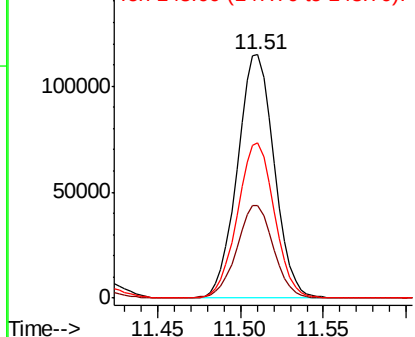


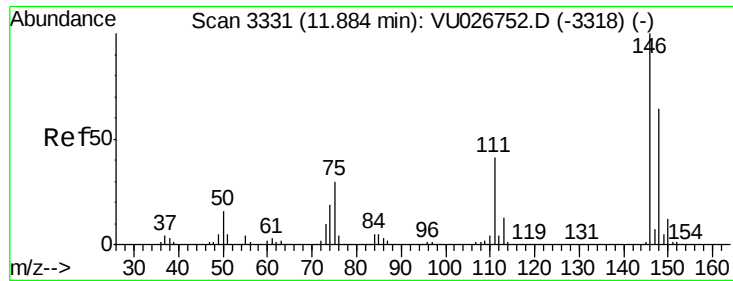
#63
 1,4-Dichlorobenzene
 Concen: 85.423 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:146 Resp: 177635
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.5 49.3
 148 63.8 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

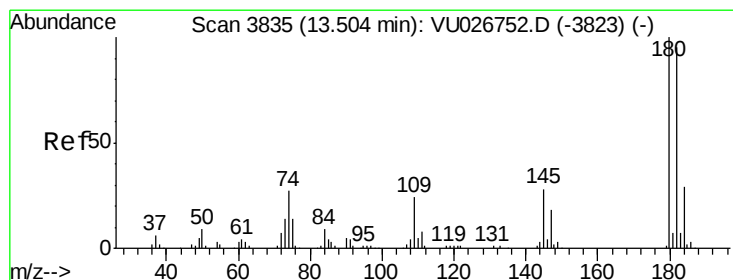
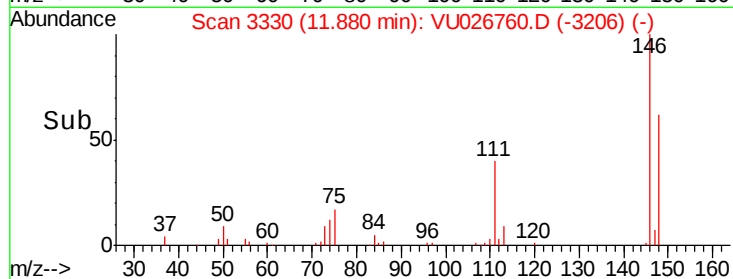
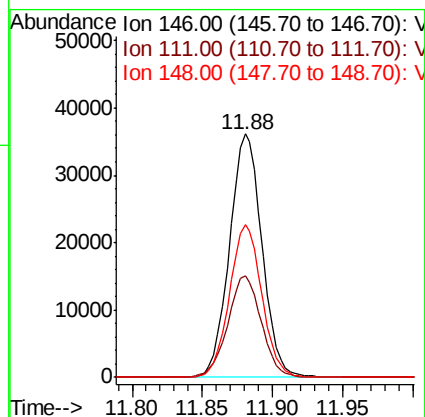
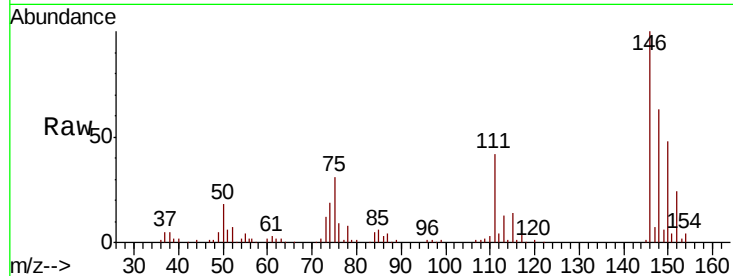




#65
 1,2-Dichlorobenzene
 Concen: 28.016 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

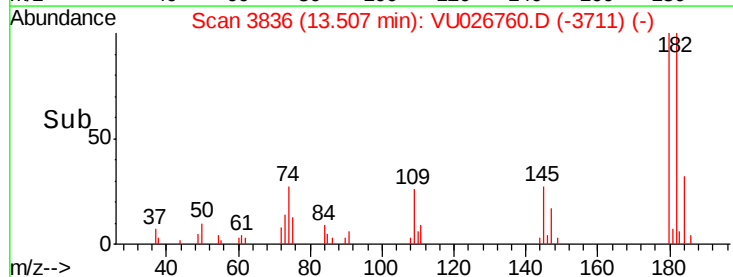
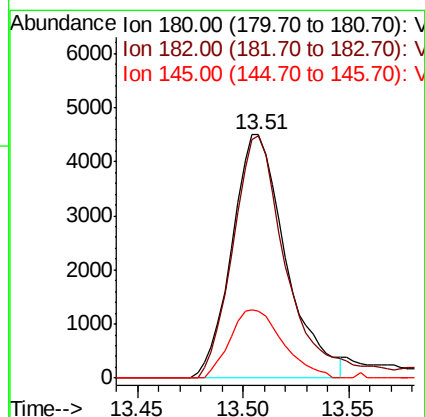
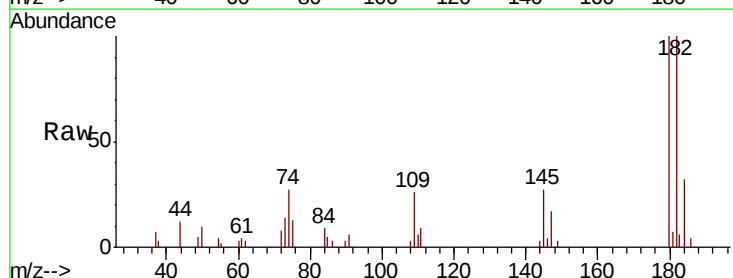
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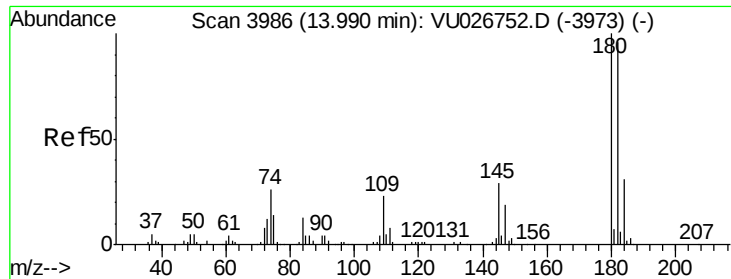
Tot Ion:146 Resp: 58123
 Ion Ratio Lower Upper
 146 100
 111 41.7 32.8 49.2
 148 62.6 52.2 78.4



#68
 1,2,4-trichlorobenzene
 Concen: 5.911 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Tgt Ion:180 Resp: 8000
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 145 27.6 23.4 35.0





#70
 1,2,3-Trichlorobenzene
 Concen: 1.210 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026760.D
 Acq: 14 Sep 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3DL

Tot Ion:180 Resp: 1774
 Ion Ratio Lower Upper
 180 100
 182 88.1 76.7 115.1
 145 21.3 23.0 34.6#

