

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026759.D
 Acq On : 14 Sep 2018 12:30
 Operator : MD/SY
 Sample : J4893-13DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P0DL

Quant Time: Sep 21 05:56:25 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	166717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155051	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56280	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	45914	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.27	63	79633	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.64%
21) 2-Butanone-d5	4.18	46	79638	103.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.01%
24) Chloroform-d	4.65	84	93428	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.31	65	64496	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.34	84	191792	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
36) 1,2-Dichloropropane-d6	6.33	67	67482	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.57	98	169975	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloropropene-	7.85	79	27534	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
47) 2-Hexanone-d5	8.31	63	53906	98.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86752	47.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	64712	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%

Target Compounds

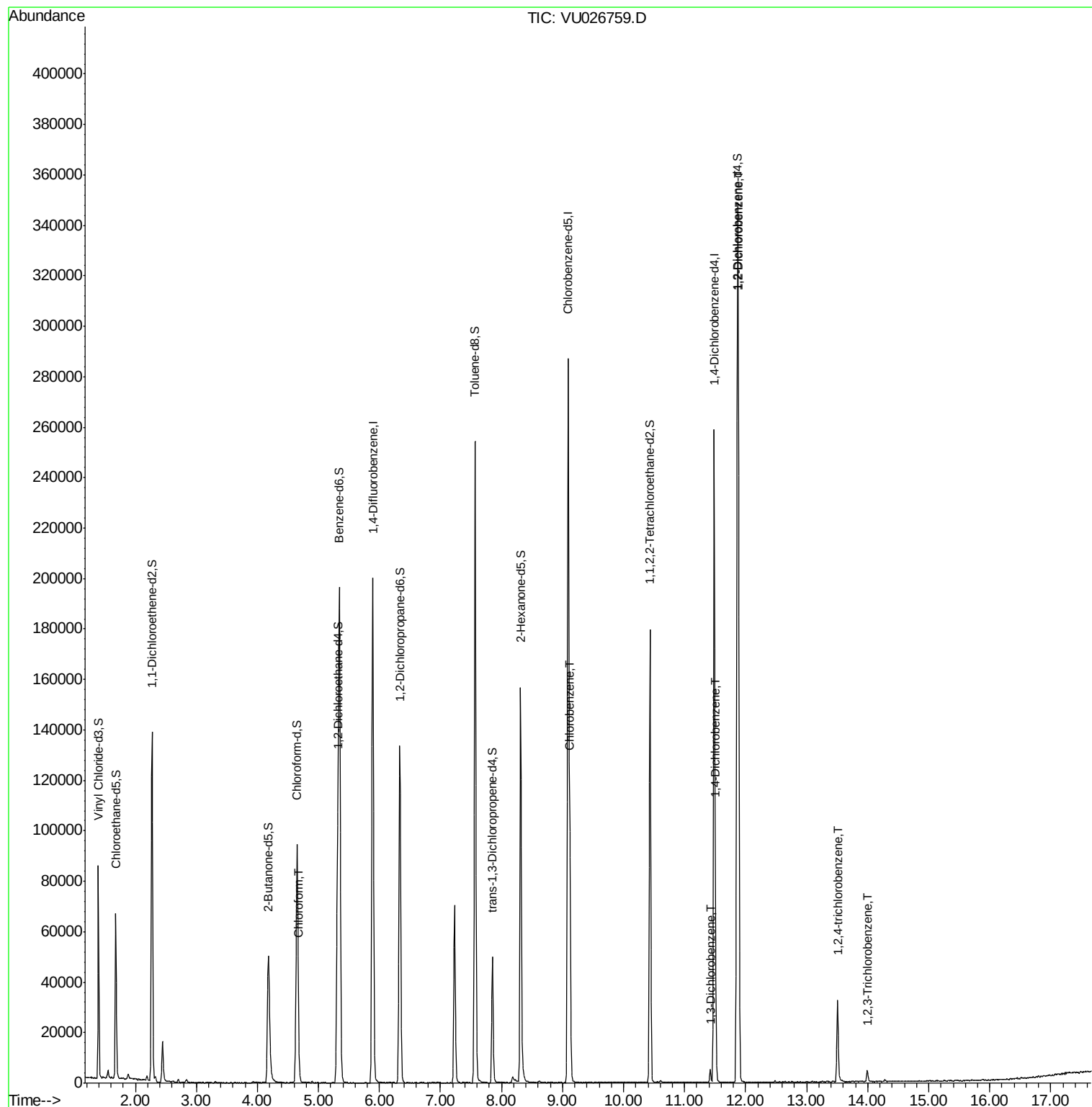
					Ovalue
25) Chloroform	4.68	83	2730	1.345 ug/L	93
51) Chlorobenzene	9.12	112	49193	16.648 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	2595	1.358 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	11678	5.770 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	113001	55.965 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	11931	9.058 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	2153	1.509 ug/L	88

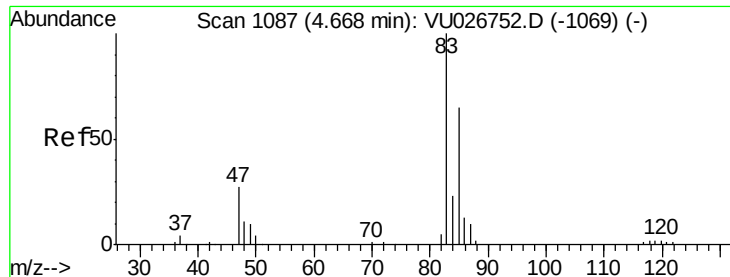
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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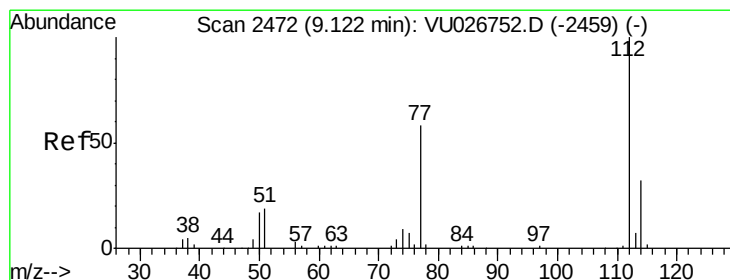
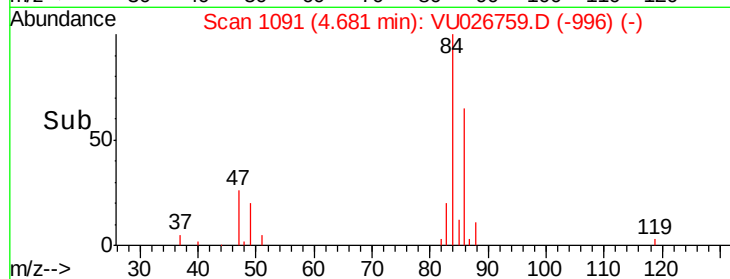
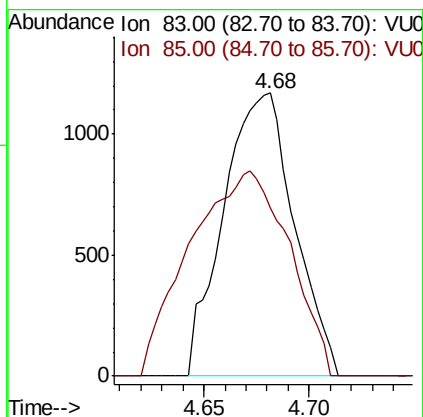
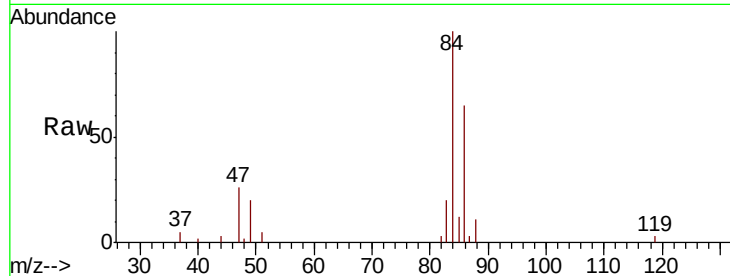




#25
Chloroform
Concen: 1.345 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

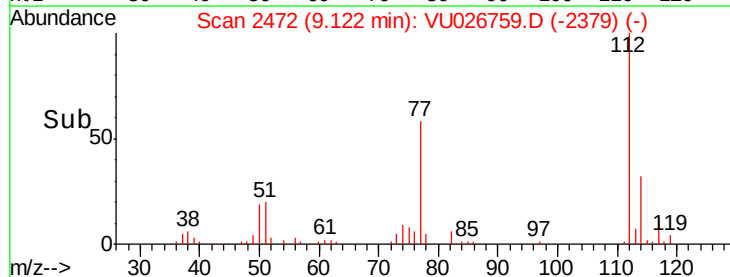
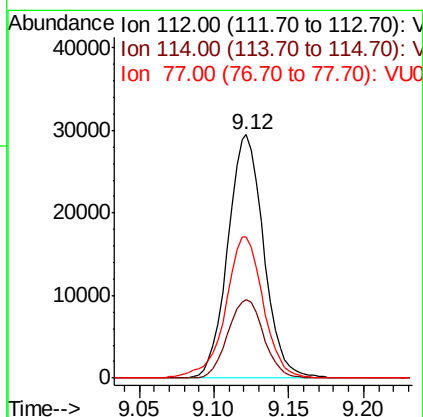
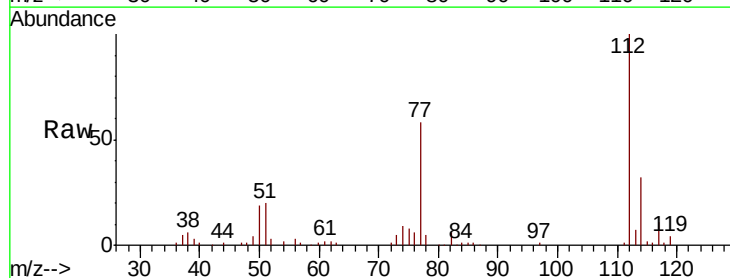
Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

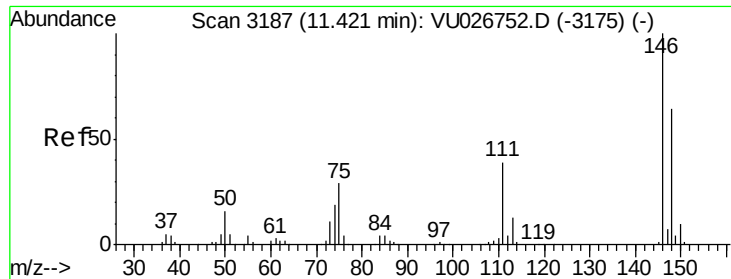
Tot Ion: 83 Resp: 2730
Ion Ratio Lower Upper
83 100
85 59.2 45.6 84.6



#51
Chlorobenzene
Concen: 16.648 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 112 Resp: 49193
Ion Ratio Lower Upper
112 100
114 32.4 22.9 42.5
77 58.2 47.2 70.8





#62

1,3-Dichlorobenzene

Concen: 1.358 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026759.D

Acq: 14 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampled :

C08P0DL

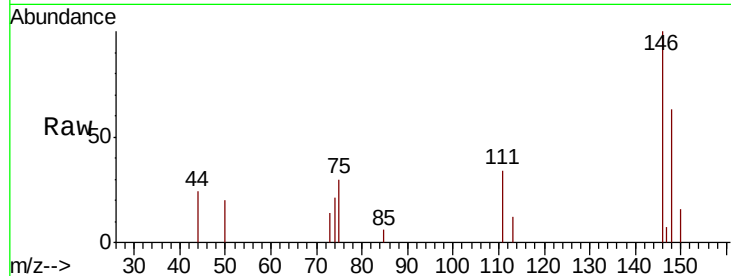
Tot Ion:146 Resp: 2595

Ion Ratio Lower Upper

146 100

111 33.7 26.7 49.5

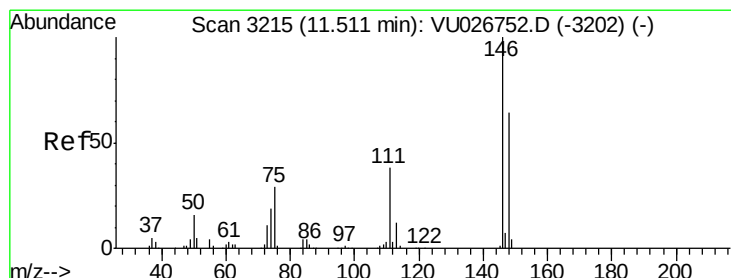
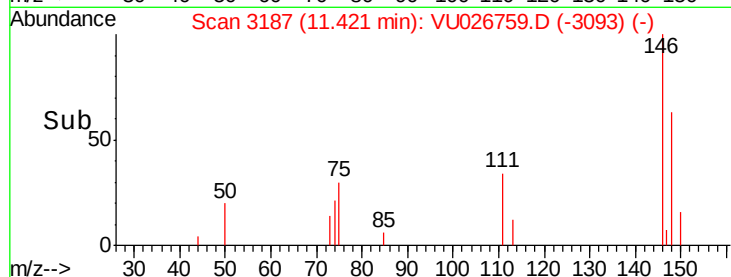
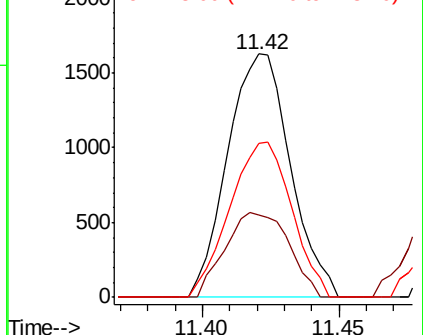
148 63.0 44.2 82.2



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: 5.770 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026759.D

Acq: 14 Sep 2018 12:30

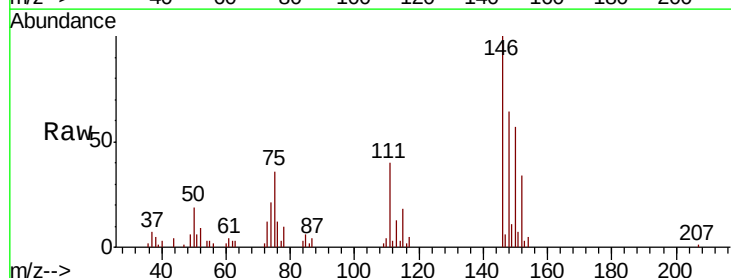
Tgt Ion:146 Resp: 11678

Ion Ratio Lower Upper

146 100

111 39.6 26.5 49.3

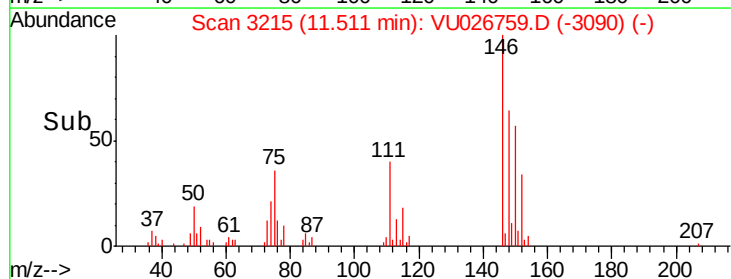
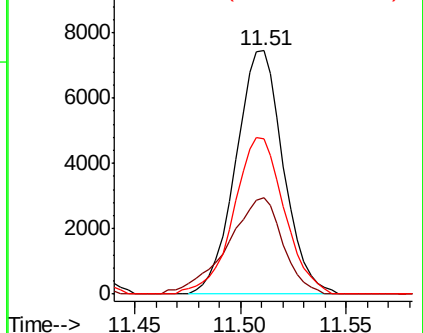
148 63.7 45.2 84.0

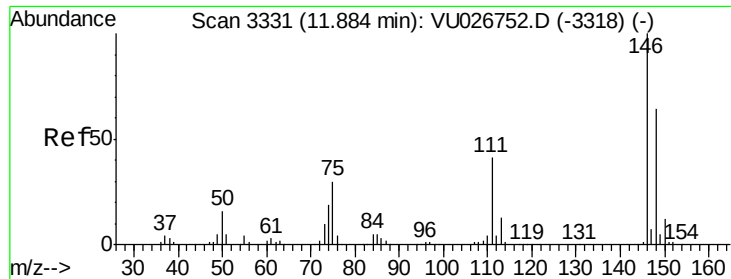


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

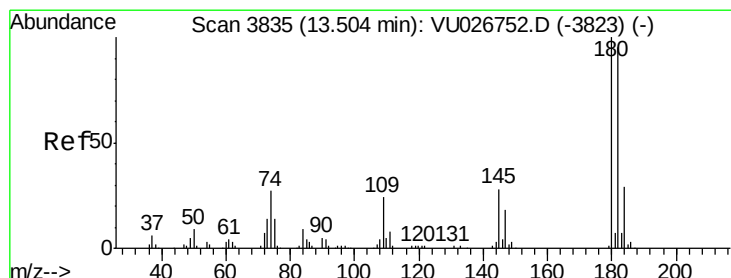
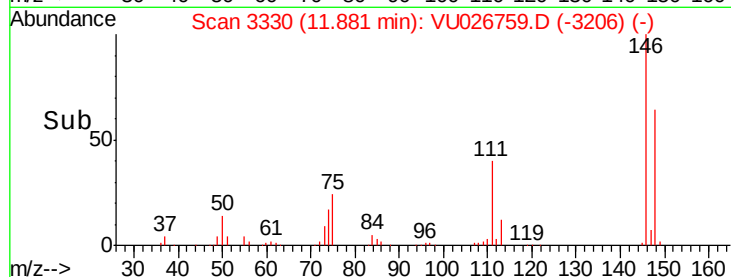
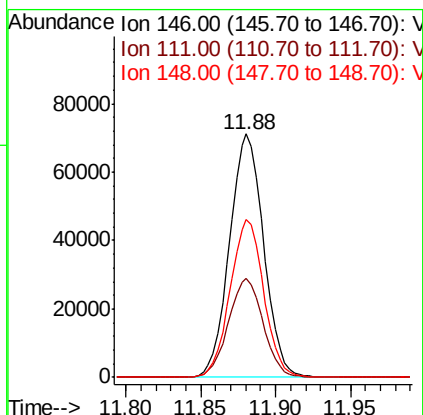
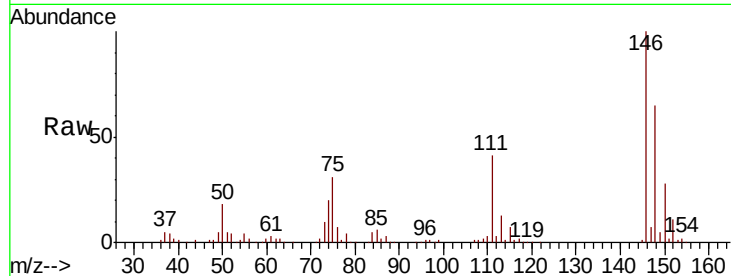




#65
 1,2-Dichlorobenzene
 Concen: 55.965 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026759.D
 Acq: 14 Sep 2018 12:30

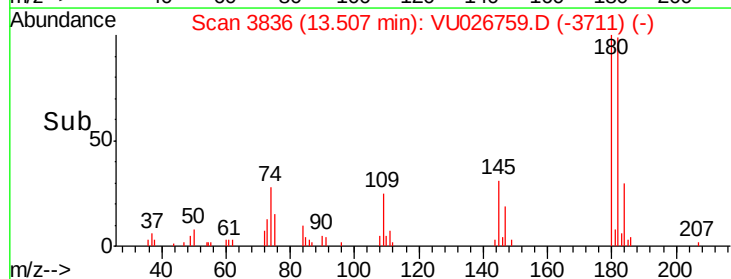
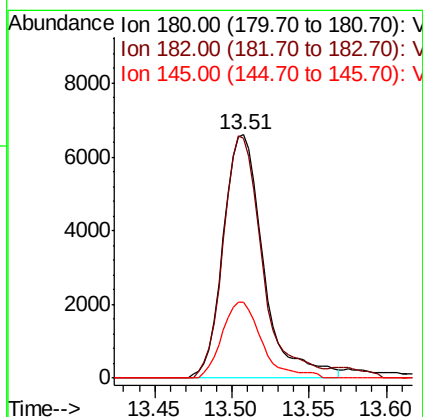
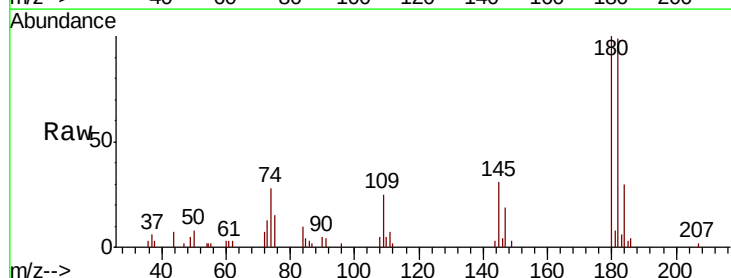
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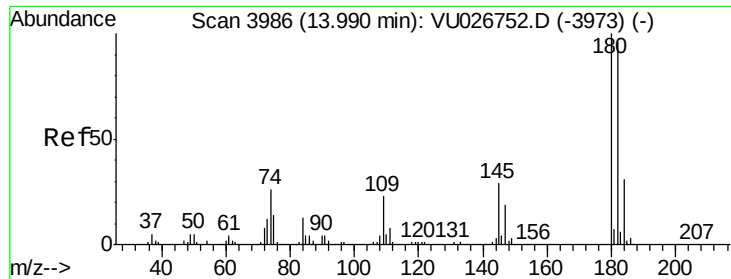
Tot Ion:146 Resp: 113001
 Ion Ratio Lower Upper
 146 100
 111 40.7 32.8 49.2
 148 64.7 52.2 78.4



#68
 1,2,4-trichlorobenzene
 Concen: 9.058 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026759.D
 Acq: 14 Sep 2018 12:30

Tgt Ion:180 Resp: 11931
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 30.0 23.4 35.0

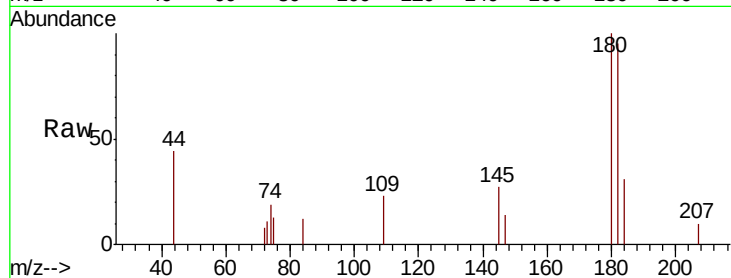




#70
 1,2,3-Trichlorobenzene
 Concen: 1.509 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026759.D
 Acq: 14 Sep 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P0DL

Tot Ion	Ion	Ratio	Lower	Upper
2153	180	100		
	182	110.2	76.7	115.1
	145	27.7	23.0	34.6



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

