

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026880.D
 Acq On : 18 Sep 2018 22:13
 Operator : MD/SY
 Sample : J4896-16DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N7DL

Quant Time: Sep 19 08:05:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 07:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	231212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56070	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.56%
7) Chloroethane-d5	1.68	69	54936	37.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.06%
11) 1,1-Dichloroethene-d2	2.27	63	84713	26.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.36%#
21) 2-Butanone-d5	4.18	46	124497	109.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.69%
24) Chloroform-d	4.65	84	133057	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	5.31	65	88895	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.34	84	252586	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
36) 1,2-Dichloropropane-d6	6.33	67	89533	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.57	98	202647	35.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.98%#
43) trans-1,3-Dichloropropene-	7.85	79	35180	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.31	63	84344	106.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131794	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	92949	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds

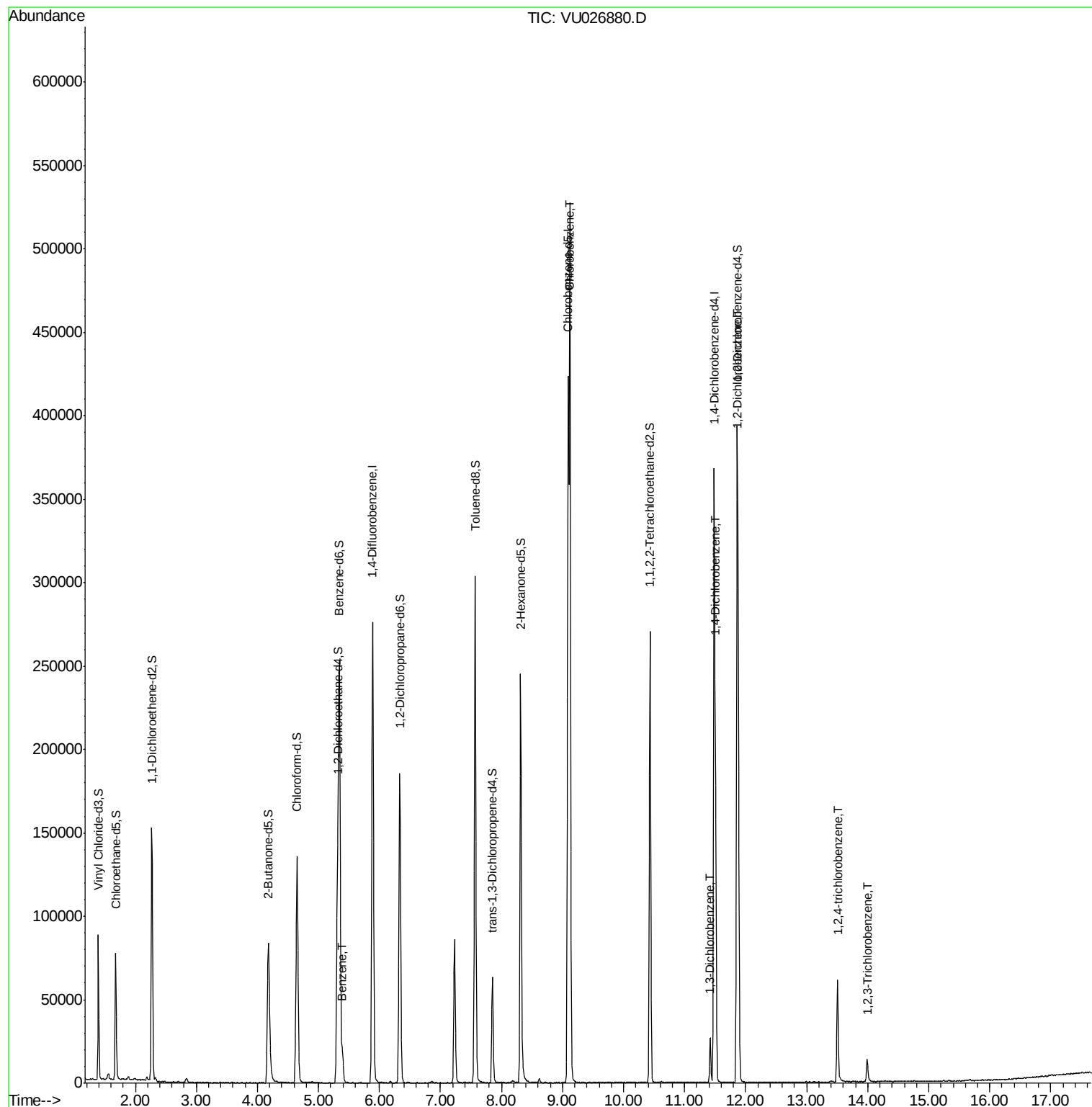
					Ovalue
33) Benzene	5.39	78	17833	2.586	ug/L 100
51) Chlorobenzene	9.12	112	276763	58.456	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	11565	3.993	ug/L 97
63) 1,4-Dichlorobenzene	11.51	146	59398	18.623	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	88055	27.455	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	23336	12.082	ug/L 92
70) 1,2,3-Trichlorobenzene	13.99	180	5998	2.820	ug/L 94

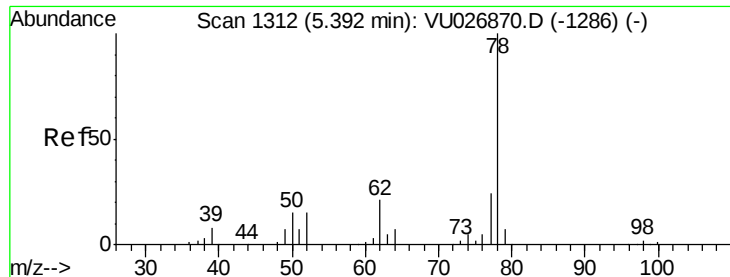
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration





#33

Benzene

Concen: 2.586 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

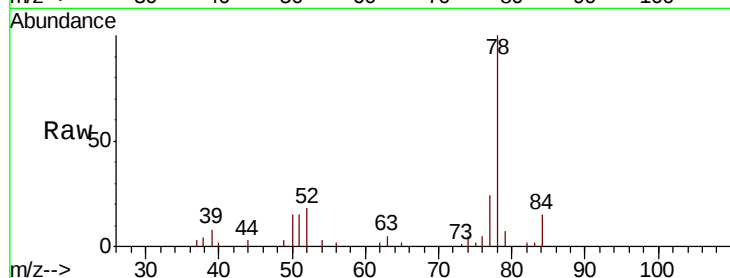
Instrument :

MSVOA_U

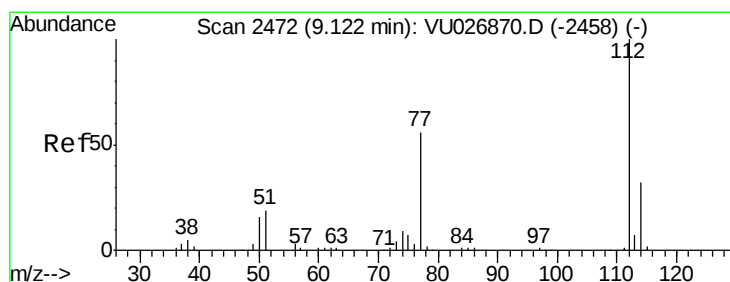
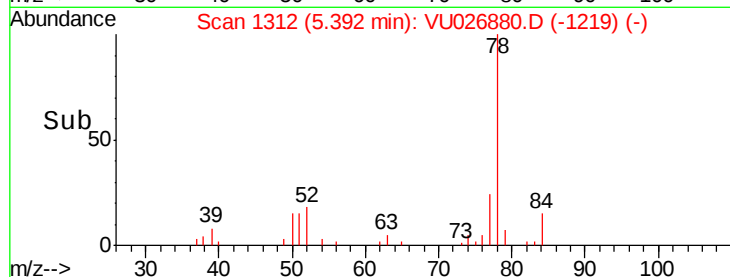
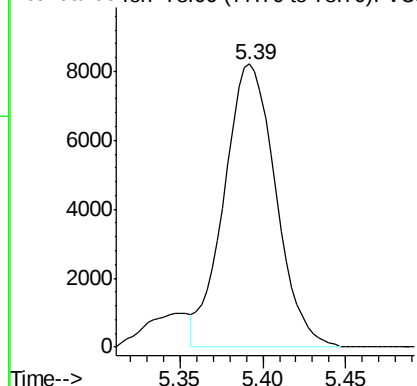
ClientSampleId :

C08N7DL

Tgt Ion: 78 Resp: 17833



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 58.456 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

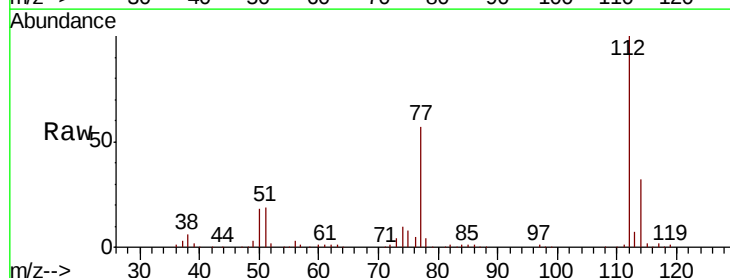
Tgt Ion: 112 Resp: 276763

Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

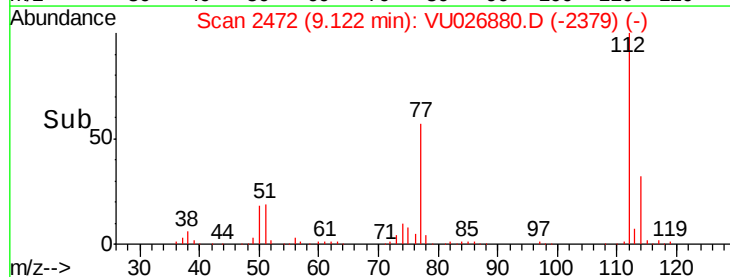
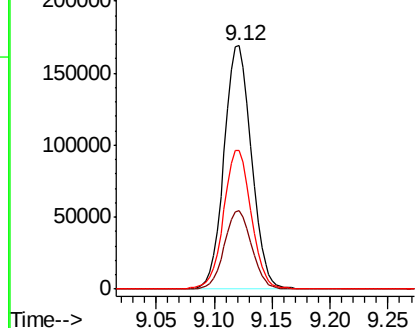
77 57.1 45.1 67.7

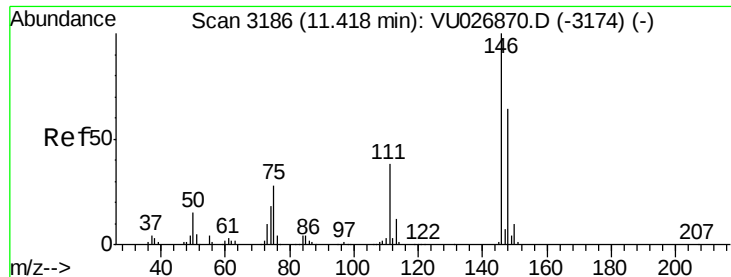


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 3.993 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

Instrument :

MSVOA_U

ClientSampleId :

C08N7DL

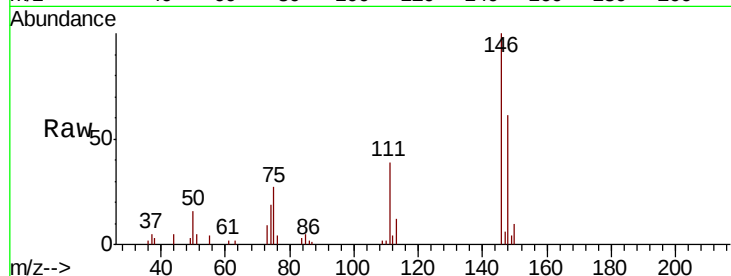
Tot Ion:146 Resp: 11565

Ion Ratio Lower Upper

146 100

111 39.4 26.7 49.7

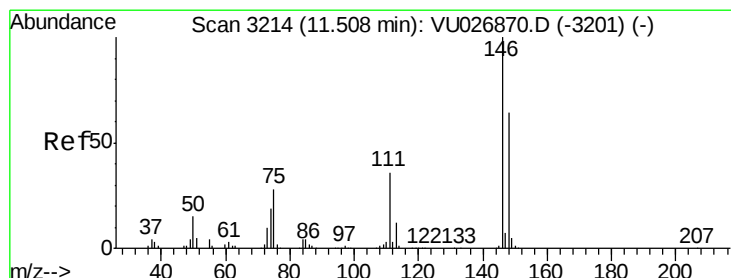
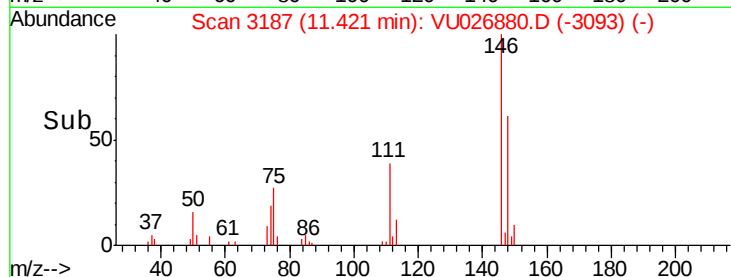
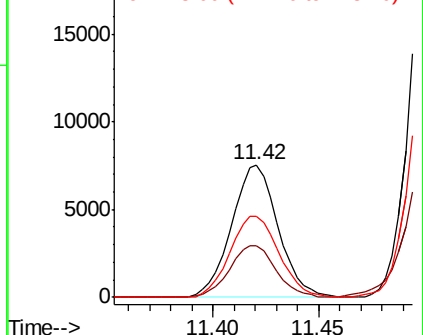
148 61.0 44.9 83.5



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: 18.623 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

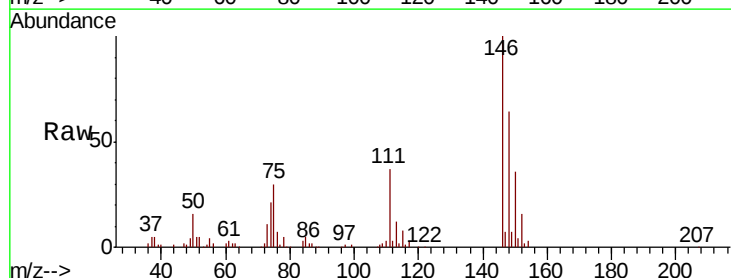
Tgt Ion:146 Resp: 59398

Ion Ratio Lower Upper

146 100

111 37.4 26.0 48.2

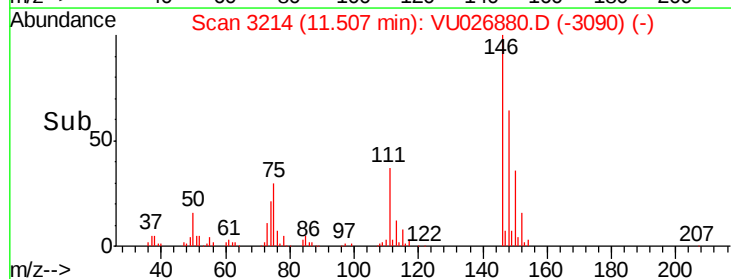
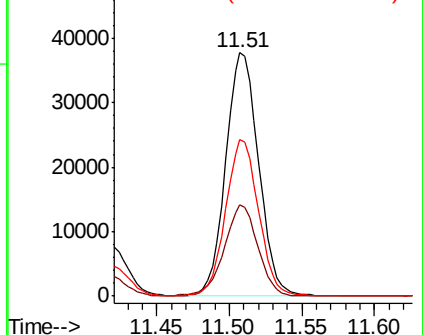
148 64.3 45.8 85.2

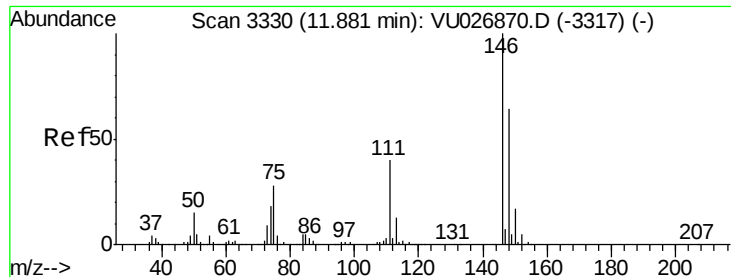


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

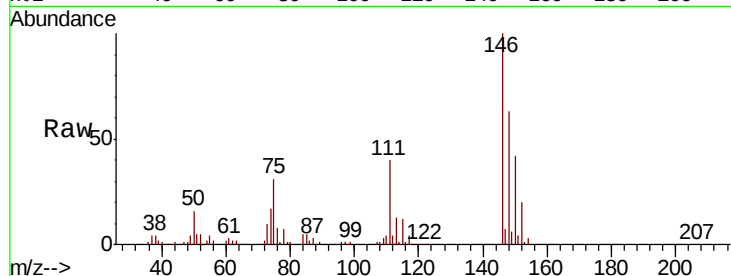




#65
 1,2-Dichlorobenzene
 Concen: 27.455 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N7DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.4	47.0
148	63.0	51.4	77.2

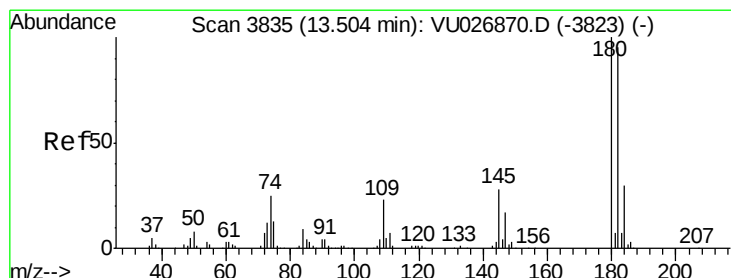
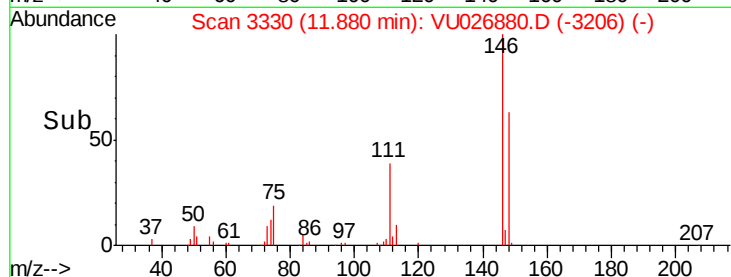
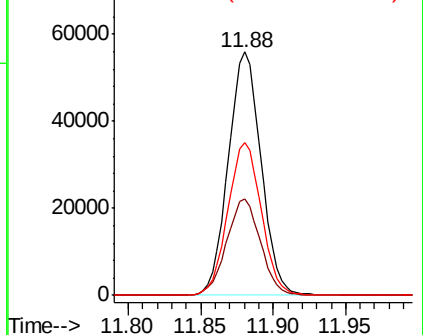


Abundance

Ion 146.00 (145.70 to 146.70): V

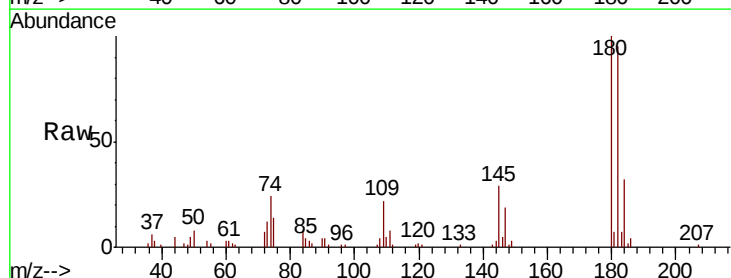
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 12.082 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.7	76.8	115.2
145	26.2	22.2	33.2

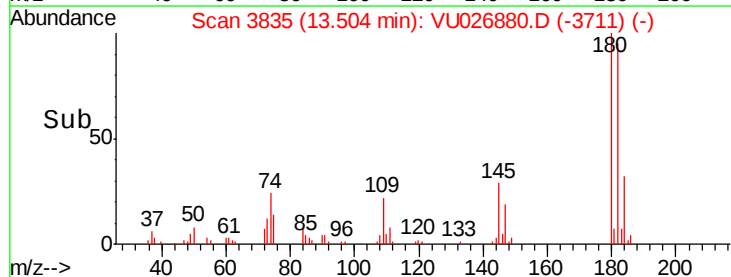
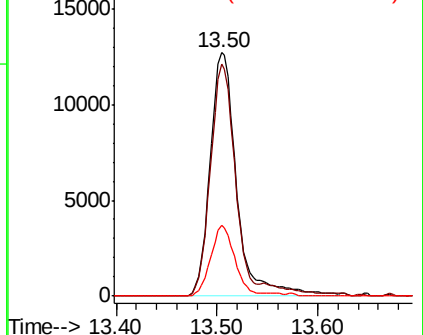


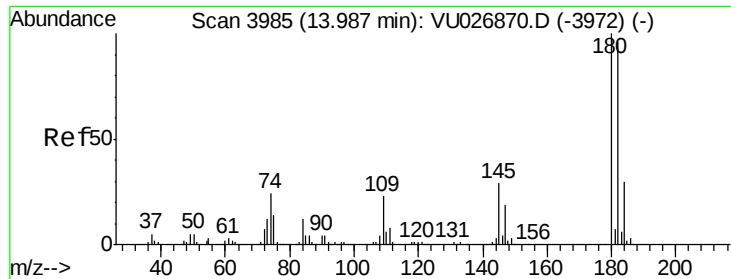
Abundance

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

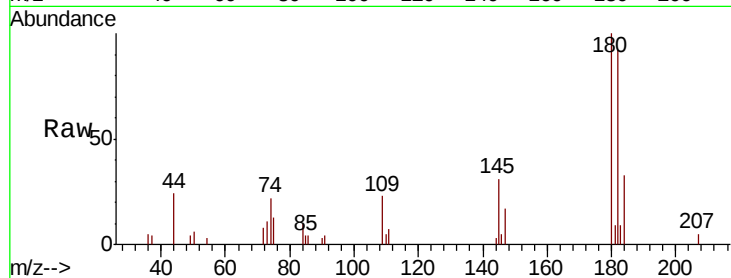




#70
 1,2,3-Trichlorobenzene
 Concen: 2.820 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	88.4	75.6	113.4
145	26.7	23.8	35.6



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

